

SHELL PIPELINE COMPANY, LP
FALCON ETHANE PIPELINE SYSTEM
OHIO, PENNSYLVANIA, & WEST VIRGINIA

**Historic Architectural
Reconnaissance Report
Addendum I**

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Prepared For:

Shell Pipeline Company, LP

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Introduction

AECOM prepared this addendum report as part of the environmental investigation conducted for the Shell Pipeline Company, LP (Shell) Falcon Ethane Pipeline Project (herein after referred to as “Project”). AECOM conducted the survey on behalf of Shell as part of the Section 106 Review process for the proposed pipeline. Federal law, specifically Section 106 of the National Historic Preservation Act of 1966 (as amended), mandates that all federal agencies undertaking projects that have an effect or have the potential to have an effect on historic resources, be it through direct or indirect jurisdiction such as a federal license of permit, must undergo Section 106 Review. The Section 106 Review process requires that federal agencies, or those entities seeking a federal license or permit, take into account how their undertakings may affect historic resources. For the purposes of Section 106 Review, historic resources are identified as buildings, districts, structures, objects, and sites listed on or determined eligible for listing on the National Register of Historic Places (NRHP), the nation’s official list of historic resources deemed worthy of preservation. Because this Project requires permitting by the United States Army Corps of Engineers (USACE), and because the undertaking has the potential to affect historic resources, the Section 106 Review process has been initiated.

This report presents the results of additional historic architectural investigations for portions of the Project located in Washington, Allegheny, and Beaver Counties, Pennsylvania that have undergone reroutes, alignment shifts, or updates. The historic architectural reconnaissance provides information concerning resources in the vicinity of the Project and also reviews historic-period aerial photography to determine potential impacts to historic architectural resources that are crossed by the proposed Project. Preliminary assessments of effect and NRHP evaluations are provided for identified resources. An additional 26 historic architectural resources (Survey Code #s 57-82) were identified, including six previously recorded resources (104720, 115043, 115052, 200970, 202512, and 802238).

The initial historic architectural report, *Falcon Ethane Pipeline System, Historic Architectural Reconnaissance Report* (AECOM 2016) was submitted to the Pennsylvania State Historic Preservation Office (PA SHPO) in November 2016. The original report identified 56 historic architectural resources, 17 of which were previously recorded and 39 of which were newly identified. Of the previously recorded resources, seven had previously been determined not eligible for the NRHP by the PA SHPO, and three had been previously determined NRHP-eligible by the PA SHPO (Key #s 097622, 125887/156881, and 104719). Two of these NRHP-eligible resources, the Montour Railroad (097622) and the Wabash-Pittsburgh Terminal Railway/Pittsburgh & West Virginia Railway (125887/156881) were crossed by Horizontal Directional Drilling (HDD) and determined not to be impacted by the Project. The third NRHP-eligible resource, the John Burns Farmstead (104719) was revealed to have been demolished, and was recommended no longer eligible for NRHP listing. The remaining seven previously recorded resources had not been formally evaluated by the PA SHPO; one (802086) was recommended eligible for the NRHP, three (155445, 802237, and 100105) were recommended not eligible for the NRHP, and three (100056, 100053, and 100010) were not evaluated as the Project did not have the potential to impact the resources. Of the 39 newly identified resources, AECOM recommended that 33 were not eligible for NRHP listing, five (Survey Code #s 18, 22, 30, 33, and 40) were recommended eligible for NRHP listing, and one was not evaluated as the resource was not visible from the public ROW. AECOM also conducted preliminary assessments of effects for all identified resources, and recommended that the Project did not introduce Adverse Effects to any of the eligible or potentially-eligible historic properties identified within the APE. In a letter dated March 30, 2017, the PA SHPO concurred with AECOM’s findings (PA SHPO 2017).

Project Description

The Project is an approximate 98-mile-long pipeline located within Ohio, West Virginia, and Pennsylvania. It is comprised of three pipeline sections: Cadiz to Scio (Ohio), Scio to Monaca (Ohio, West Virginia, and Pennsylvania), and Houston to Monaca (Pennsylvania). Within Pennsylvania, the proposed Project consists of the installation of approximately 46 miles of new liquid ethane pipeline within new and existing right-of-way (ROW) in Washington, Allegheny, and Beaver Counties. The Project also consists of approximately 18.5 miles of new and existing access roads. The Project corridor passes through a predominantly rural setting consisting of gently to steeply sloping hills which cross agricultural land and wooded areas. The southern terminus of the project is located approximately one mile southeast of Westland, Pennsylvania in Washington County. The Houston to Monaca pipeline then traverses in a general northward direction through Washington County, western Allegheny County, and into Beaver County, with a northern terminus located approximately four miles southwest of Monaca, Pennsylvania. The Scio to Monaca spur runs from the Pennsylvania/West Virginia border and traverses east through Beaver County until it ties into the Houston to Monaca pipeline near Raccoon Creek (Attachment 1: Figures 1 and 2). Portions of the current Project fall within existing utility ROW or parallels existing utility ROW.

For purposes of the Project, a direct and indirect Area of Potential Effect (APE) was established for the entire proposed pipeline. The direct APE took into account the potential physical impacts resulting from proposed construction associated with the limits of disturbance (LOD) of the pipeline, access roads, and proposed compressor station. The indirect APE took into account potential visual elements introduced by the Project, such as tree clearing and introduction of aboveground components in the case of new access roads and the proposed meter and valve sites.

Methodology

Proposed reroutes, alignment shifts, and updates were subject to subsequent historic architectural investigations. Resources not previously identified in the initial August 2016 report located within the Project APE were identified and are presented in this report. Additional background research was conducted, and preliminary NRHP evaluations and assessments of effects were conducted for the newly identified resources. In addition, resources that were determined potentially NRHP eligible, or were not documented due to not being impacted by the initial route, were subject to further assessments of effects. Resources identified as part of the original Project are provided in the initial August 2016 report (AECOM 2016). Abbreviated Historic Resource Survey Forms (HRSF) were completed for newly identified resources that had the potential to be impacted by the proposed Project (visual impacts, impacts to historic landscapes, etc.), and did not have formal previous NRHP determinations.

Background Research

The construction of the pipeline has the potential to impact historic aboveground resources, including landscape features. An examination of the Cultural Resources Geographic Information System (CRGIS), the Pennsylvania State Historic Preservation Office (PA SHPO) map-based inventory of historic sites, found 15 resources (097622, 100010, 100105, 104688, 104720, , 115043, 115052, 115223, 125887, 155445, 200970, 202512, 802086, 802237, and 802238) mapped within the APE of the proposed updated route (Table 1).

Table 1. Previously Recorded Aboveground Resources within Project APE

BHP Key No.	Property Name	Date	NRHP Status
097622/155446	Montour Railroad	c. 1928	Eligible

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BHP Key No.	Property Name	Date	NRHP Status
100010	Shaw Mine	Not Provided	Insufficient Information to Evaluate
100105	Pittsburgh & Steubenville Railroad	Not Provided	Eligible
104688	J. Morgan Bank Barn	1820	Not Eligible
104720	Clinton United Presbyterian Church and Cemetery	Founded 1797	Eligible
115043	Oil Resource A	c. 1900	Eligible
115052	Moreland Farm Property	c. 1850	Not Eligible
115223	George Property	1939	Not Eligible
125887	Wabash-Pittsburgh Terminal Railway	c. 1903	Eligible
155445	Chartiers Railway	c. 1871	Not Eligible (within current APE)
200970	National Fuel Gas Company: Line N Extension	1947	Not Eligible
202512	McAdams/Montour Mine No. 9 Worker Housing Historic District	c. 1902 – c. 1950	Not Eligible
802086	George Cowden Farm	c. 1880	Insufficient Information to Evaluate
802237	Turk Farm	c. 1900	Insufficient Information to Evaluate
802238	100 Primrose Road	c. 1870	Insufficient Information to Evaluate

Of the 15 previously recorded resources located within the updated APE, nine were reported on in the initial report (097622, 100010, 100105, 104688, 115223, 125887, 155445, 802086, and 802237). The remaining six previously recorded resources (104720, 115043, 115052, 200970, 202512, and 802238) are discussed in this report. Of these six resources, two have been determined eligible for NRHP listing (Clinton United Presbyterian Church and Cemetery – 104720, and Oil Resource A – 115043), three have been determined not eligible for NRHP listing (Moreland Farm Property – 115052, National Fuel Gas Company Line N Extension – 200970, and McAdams/Montour Mine No. 9 Worker Housing Historic District – 202512), and one has not been evaluated (100 Primrose Road – 802238).

Online resources were consulted in order to study the contextual relevance of the sites, and to date potential aboveground resources. Online resources include the Robeson [Robinson] map in J.A. Caldwell's 1876 *Caldwell's Illustrated Historical Centennial Atlas of Washington County, Pennsylvania*; the Findlay, Shousetown, and Clinton map of Hopkins' 1876 *Atlas of the County of Allegheny, Penna*; the Raccoon map from J.A. Caldwell's 1876 *Caldwell's Illustrated Historical Centennial Atlas of Beaver County, Pennsylvania*; historic aerial photographs taken in 1939, 1958, and 1967 available at <http://www.pennpilot.com>; historic aerial photographs available on <http://www.historiclaerials.com>; and Google Earth. In addition, the historic context prepared for the original report informed the architectural survey (AECOM 2016).

Historic Context and Preliminary Eligibility Evaluations

As part of this preliminary study, AECOM reviewed the PA SHPO's "Historic Agricultural Resources of Pennsylvania c. 1700-1960" context for information on agricultural history and types of aboveground resources in the project area. The statewide context describes 16 geographical and temporal agricultural trends in Pennsylvania and identifies historic buildings, structures, objects, landscapes, and districts typically found in those areas. The project area falls within the Southwestern Pennsylvania Diversified Agriculture and Sheep Raising Region. Although the typology of built environment resources varies between regions, three property types are identified in every region: the farm, the farmstead, and the historic agricultural district. Below is a brief description of the historic aboveground resources identified in the project area, as well as identification within the agricultural context of the region, if applicable.

Results of Field Survey

AECOM conducted field survey between December 2016 and May 2017 to identify and document additional historic aboveground resources located within the updated Project APE. AECOM identified 26 additional resources (Survey Numbers 57-82) located within the APE (Figure 2) that were not surveyed as part of the initial study. Resource Survey Numbers 1-56 were identified as part of the initial survey and are also depicted on Figure 2. Of the newly identified resources, six have been previously recorded (104720, 115043, 115052, 200970, 202512, and 802238). Of the previously recorded resources, two have been determined eligible for NRHP listing (Clinton United Presbyterian Church and Cemetery – 104720, and Oil Resource A – 115043), three have been determined not eligible for NRHP listing (Moreland Farm Property – 115052, National Fuel Gas Company Line N Extension – 200970, and McAdams/Montour Mine No. 9 Worker Housing Historic District – 202512), and one has not been evaluated (100 Primrose Road – 802238). The NRHP-eligible Clinton United Presbyterian Church and Cemetery (104720) is adjacent to a temporary access road that will utilize the existing Youthtowne/Wilson Road and will not be impacted by the proposed Project. The NRHP-eligible Oil Resource A (115043), an abandoned metal oil derrick, is located on a parcel being traversed by the proposed Project, but will not be physically impacted. The unevaluated resource, a farm at 100 Primrose Road (802238) does not meet the agricultural registration requirements, does not retain historic integrity, and is recommended not eligible for NRHP listing.

The 20 remaining resources are newly identified and are recommended not eligible for the NRHP due to a lack of historic integrity and/or a lack of significance. Identified resources are summarized in Table 2, and physical descriptions and preliminary NRHP evaluations and assessment of effects are provided below. Photographs of identified resources are provided in Attachment 2. Abbreviated HRSFs were completed for resources that had the potential to be impacted by the proposed Project (visual impacts, impacts to historic landscapes, etc.), and did not already have formal NRHP determinations. The HRSFs are provided in Attachment 3.

Table 2. Identified Historic Architectural Resources

AECOM Resource ID/ BHP Key No.	Resource Name /Address	Municipality	Parcel ID #	Date of Construction	Resource Description / Photographs	Impacts	Documentation	Photo	NRHP Status / Recommendation
57	Lokomski House 185 Kennedy Road, Hookstown, PA 15050	Raccoon Township, Beaver County	75-192-0109.001	c. 1955	Mid-Twentieth Century Dwelling Figure 2 and 3, Page 24 Photographs 1-2	Pipeline traverses parcel predominantly through open yard, limited tree clearing of ornamental plantings along Kennedy Road. Tree clearing within viewshed outside of parcel.	Abbreviated HRSF		Recommended Not Eligible
58	Lokomski House 177 Kennedy Road, Hookstown, PA 15050	Raccoon Township, Beaver County	75-192-0109.000	c. 1955	Mid-Twentieth Century Dwelling Figure 2 and 3, Page 24 Photographs 3-4	Pipeline traverses parcel through open yard. Tree clearing within viewshed outside of parcel.	Abbreviated HRSF		Recommended Not Eligible
59	Franc House 194 Kennedy Road, Hookstown, PA 15050	Raccoon Township, Beaver County	75-192-0110.001	c. 1910	Early-Twentieth Century Dwelling Figure 2 and 3, Page 24 Photographs 5-7	Pipeline does not traverse parcel. Tree clearing within viewshed on adjacent parcel.	Abbreviated HRSF		Recommended Not Eligible
60	Dobich Farm 169 Moores Road, Aliquippa, PA 15001	Raccoon Township, Beaver County	75-192-0102.000	c. 1830	Farm with Early-Nineteenth Century Farmhouse and Mid-Twentieth Century Outbuildings Figure 2 and 3, Page 24 and 25 Photographs 8-14	Pipeline predominantly traverses parcel through open field. Limited tree clearing within historic tree line and sparsely wooded area. Proposed valve site on property within viewshed.	Abbreviated HRSF		Recommended Not Eligible
61	Smith House 1022 Frankfort Road, Aliquippa, PA 15001	Raccoon Township, Beaver County	75-024-0100.000	c. 1880	Former Farmstead with Late-Nineteenth Century Farmhouse and Barn Converted to Living Space Figure 2 and 3, Page 24 and 25 Photographs 15-19	Pipeline centerline does not cross parcel, limited tree clearing within LOD at northwest corner of parcel in historically wooded area.	Abbreviated HRSF		Recommended Not Eligible
62	Larizza Farm 101 Shippingport Road, Aliquippa, PA 15001	Raccoon Township, Beaver County	75-182-0151.000	c. 1820	Farm with Early-Nineteenth Century Farmhouse and Non-Historic Outbuildings Figure 2 and 3, Page 24 and 25 Photographs 20-22	Pipeline traverses parcel adjacent to existing utility ROW through historically wooded area.	Abbreviated HRSF		Recommended Not Eligible
63 (Key # 104720)	Clinton United Presbyterian Church and Cemetery 25 Wilson Road, Clinton, PA 15026	Findlay Township, Allegheny County	1179-E-00099-0000-00	c. 1924 Church; Early Nineteenth Century Cemetery	Early-Twentieth Century Church and Early-Nineteenth Century Cemetery; Congregation Founded in 1797 Figure 2 and 3, Page 11 Photographs 23-24	No Impact - Pipeline does not traverse parcel. Proposed temporary access road uses existing Wilson Road adjacent to parcel.	None (Previously Determined Eligible)		Determined Eligible by PA SHPO in 1996

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64 (Key # 115052)	Moreland Farm Property 3401 Donaldson Road, McDonald, PA 15057	Robinson Township, Washington County	550-017-00-00- 0025-02	c. 1850	Former Mid-Nineteenth Century Farm with Mid- Nineteenth Century Farmhouse and Early- Twentieth Century Outbuilding; Ancillary Historic Outbuildings Demolished Figure 2 and 3, Page 7 Photographs 25-27	No Impact - Pipeline traverses parcel through open field. Limited tree clearing near natural drainage for temporary workspace.	None (Previously Determined Not Eligible)		Determined Not Eligible by PA SHPO
65 (Key # 115043)	Oil Resource A 3401 Donaldson Road, McDonald, PA 15057	Robinson Township, Washington County	550-017-00-00- 0025-02	c. 1900	Metal Oil Derrick Figure 2 and 3, Page 7 Photograph 28	No Impact – Resource will not be physically impacted. Limited tree clearing in viewshed to accommodate temporary workspace	None (Previously Determined Eligible)		Determined Eligible by PA SHPO
66 (Key # 202512)	McAdam/Montour Mine No. 9 Worker Housing Historic District McDonald, PA 15057	Robinson Township, Washington County	Multiple; Pipeline Traverses 550-017- 00-00-0007-00 and 550-017-00-00- 0008-00	c. 1902 – c. 1950	Single- and Multi-Family Worker Houses Figure 2 and 3, Page 7 Photographs 29-30	No Impact – Parcels within historic district are being HDD bored, no tree clearing within viewshed	None (Previously Determined Not Eligible)		Determined Not Eligible by PA SHPO
67	Deveaney Property 131 Primrose Road McDonald, PA 15057	Mount Pleasant Township, Washington County	460-012-00-00- 0002-00	c. 1950	Mid-Twentieth Century Guardhouse and Pumphouse Figure 2 and 3, Page 4 Photographs 31-32	No Impact – Pipeline traverses parcel through open field north of buildings, no buildings impacted and visual impacts will be temporary.	None – (No Impact to Resource)		Recommended Not Eligible
68	King Farm 128 Primrose Road McDonald, PA 15057	Mount Pleasant Township; Washington County	460-012-00-00- 0002-01	c. 1965	Mid-Twentieth Century Residence with non-historic outbuildings Figure 2 and 3, Page 4 Photographs 33-37	Pipeline traverses open fields in northwest corner of parcel, tree clearing within historic tree lines flanking Primrose Road and Galati Road.	Abbreviated HRSF		Recommended Not Eligible
69 (Key # 802238)	Suty and Wilkes Farm 100 Primrose Road, McDonald, PA 15057	Mount Pleasant Township, Washington County	460-021-00-00- 0015-00	c. 1870	Late Nineteenth-Century Farmstead with Mid- Twentieth Century and Non- Historic Outbuildings Figure 2 and 3, Page 4 Photographs 38-44	Pipeline traverses parcel predominantly through cleared field. Limited tree clearing within historic tree lines at north and south property boundary and along natural drainage.	Abbreviated HRSF		PA SHPO – Insufficient Information to Evaluate Recommended Not Eligible
70	Crawford House 57 Primrose Road, McDonald, PA 15057	Mount Pleasant Township, Washington County	460-021-00-00- 0013-00	c. 1960	Early Twentieth Century Residence Figure 2 and 3, Page 4 and 5 Photographs 45-47	Pipeline traverses parcel through open field adjacent to electric transmission line ROW. Proposed valve site may be visible	Abbreviated HRSF		Recommended Not Eligible

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AECOM Resource ID/ BHP Key No.	Resource Name /Address	Municipality	Parcel ID #	Date of Construction	Resource Description / Photographs	Impacts	Documentation	Photo	NRHP Status / Recommendation
71	Ransil House 91 Primrose Road McDonald, PA 15057	Mount Pleasant Township; Washington County	460-021-00-00-0014-00	1949	Mid-Twentieth Century Residence and C. 1990 Quonset Shed Figure 2 and 3, Page 4 Photograph 48-49	Pipeline traverses parcel through open field and sparsely wooded areas. Proposed valve site on property.	Abbreviated HRSF		Recommended Not Eligible
72	Fort Cherry Golf Club 80 Fort Cherry Road McDonald, PA 15057	Mount Pleasant Township, Washington County	460-021-00-00-0008-00	c. 1967	Mid-Twentieth Century Golf Course with substantial non-historic additions and alterations Figure 2 and 3, Page 4 and 5 Photographs 50-54	Pipeline traverses edge of parcel through open field and sparse trees, no buildings or golf landscapes impacted.	Abbreviated HRSF		Recommended Not Eligible
73	Libert House 52 Fort Cherry Road, McDonald, PA 15057	Mount Pleasant Township, Washington County	460-020-05-00-0001-01	c. 1950	Mid-Twentieth Century Cape Cod Residence Figure 2 and 3, Page 5 Photographs 55-57	Pipeline traverses edge of parcel through wooded area, no buildings impacted, tree clearing may be visible from buildings.	Abbreviated HRSF		Recommended Not Eligible
74	Giglio House 20 Skyview Drive McDonald, PA 15057	Mount Pleasant Township, Washington County	460-020-01-00-0028-01	c. 1964	Mid-Twentieth Century Residence Figure 2 and 3, Page 5 Photographs 58-59	No Impact – Pipeline traverses parcel via HDD bore	None (No Impact – HDD Bore)		Recommended Not Eligible
75	McGregor House 8655 Noblestown Road McDonald, PA 15057	Mount Pleasant Township, Washington County	460-020-01-00-0028-00	c. 1930	Early-Twentieth Century Residence Figure 2 and 3, Page 5 Photographs 60-61	No Impact – Pipeline traverses parcel via HDD bore	None (No Impact – HDD Bore)		Recommended Not Eligible
76	Mallinder House 150 Pittsburgh Grade Road Hookstown, PA 15050	Greene Township, Beaver County	62-191-0175.000	c. 1920 (c. 1980 Residence)	Non-historic Residence with Early-Twentieth Century Outbuildings Figure 2 and 3, Page 22 Photographs 62-64	Tree clearing through parcel in area that was historically cleared, tree clearing will be visible.	Abbreviated HRSF		Recommended Not Eligible
77	Gill Residence 113 Clearview Drive Aliquippa, PA 15001	Raccoon Township, Beaver County	75-003-0403.000	c. 1965	Mid-Twentieth Century Ranch Residence Figure 2 and 3, Page 17 and 18 Photographs 65-66	The pipeline centerline does not traverse through the parcel, but the LOD will require tree clearing within a small portion at the rear of the lot.	Abbreviated HRSF		Recommended Not Eligible
78	Vic's Van Daddy 4264 Green Garden Road Aliquippa, PA 15001	Raccoon Township, Beaver County	75-182-0410.000	c. 1965	Mid-Twentieth Century Residence and Commercial Buildings Figure 2 and 3, Page 25 Photographs 67-70	Pipeline traverses parcel through open field and historically wooded areas	Abbreviated HRSF		Recommended Not Eligible

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79	US Bulk Transport, Inc. 972 Route 18 Aliquippa, PA 15001	Raccoon Township, Beaver County	75-182-0151.003 75-024-0114.000	c. 1956, c. 1962	Mid-Twentieth Century Commercial Buildings Figure 2 and 3, Page 25 Photographs 71 and 72	No Impact - Pipeline traverses parcel through gravel parking lot. No buildings physically impacted, visual impacts will be temporary	None – No Impact to resource		Recommended Not Eligible
80	Gormley Residence 4048 Patterson Road Aliquippa, PA 15001	Raccoon Township, Beaver County	75-182-0337.000	c. 1942	Mid-Twentieth Century Cape Cod Residence and Garage with a Circa-2000 Pole Barn Figure 2 and 3, Page 26 Photographs 73-75	No Impact - Pipeline traverses parcel through open field along eastern and northern property boundary. No buildings physically impacted, visual impacts will be temporary	None – No Impact to resource		Recommended Not Eligible
81 (200970)	National Fuel Gas Company Line N Extension	Washington, Allegheny, Beaver Counties	Multiple	1947	Natural Gas Pipeline and ROW Figure 2 and 3, Page 16 Photograph 76	No Impact – Pipeline will cross resource via HDD bore	None (Previously Determined Not Eligible)		Determined Not Eligible by PA SHPO
82	Mitchell Residence 122 Waite Lane Aliquippa, PA 15001	Raccoon Township, Beaver County	75-182-0336.000	c. 1945	Vacant Mid-Twentieth Century Residence and Pre-Fabricated Circa-2009 Residence Figure 2 and 3, Page 26 Photograph 77-78	LOD immediately adjacent to south of house, tree clearing will be visible. No physical impacts anticipated to building	Abbreviated HRSF		Recommended Not Eligible

Resource Descriptions and NRHP Evaluations

Survey # 57: 185 Kennedy Road, Raccoon Township, Beaver County

The property at 185 Kennedy Road is located on a rise on the south side of the road and includes a circa-1955 dwelling and a circa-1980 garage immediately to the rear of the house. The proposed Project will traverse the parcel for approximately 865 feet through open yard with scattered ornamental trees. The limit of disturbance (LOD) runs approximately 15 feet west of the house, at its closest point, and then turns southwest, approximately 60 feet in front of the house (Figure 2, Page 24).

The circa-1955 dwelling is a one-story, wood-frame, four-bay wide, two-bay deep rectangular building resting on a raised concrete block foundation (Photograph 1). The exterior is clad in vinyl siding on the northeast façade while the side and rear elevations are clad in the original drop siding. The building is capped by a side-gable roof covered in asphalt shingles. Fenestration consists of original six-over-six, wood-sash windows; replacement six-over-six and one-over-one vinyl-sash windows; and a fixed-pane sash flanked by casement metal-sash windows. An interior brick chimney rises from the roof ridgeline near the center of the house. The main entrance is accessed by a wooden step.

The circa-1980 garage is constructed of concrete block, has two single-bay overhead garage doors, and is capped by a front-gable roof covered in asphalt shingles (Photograph 2). Fenestration consists of fixed, multi-pane, metal-sash windows.

This resource has undergone numerous non-historic alterations and no longer retains historic integrity. Furthermore, no information was recovered that links this resource to significant events or individuals, and does not represent significant architectural trends or methods of construction. Therefore, this resource is recommended not eligible for NRHP-listing under Criteria A, B, or C. This resource has not been subject to archaeological testing, so eligibility under Criterion D has not been evaluated.

Survey # 58: 177 Kennedy Road, Raccoon Township, Beaver County

The property at 177 Kennedy Road is located on a rise to the south of the road and includes a circa-1955 dwelling with a large circa-1970 garage addition. The proposed Project will traverse the parcel for approximately 97 feet, with the LOD located approximately 55 feet in front of the house along Kennedy Road (Figure 2, Page 24).

The circa-1955 dwelling is a one-and-a-half-story, three-bay-wide, two-bay-deep rectangular wood-frame building capped by a side-gable roof covered in asphalt shingles (Photograph 3). The exterior walls are clad in drop siding, and a full-width, partially enclosed shed-roof front porch is located on the façade (southeast elevation). Fenestration consists of replacement one-over-one, fixed, and casement vinyl-sash windows. An interior brick chimney rises from the slope of the roof in the eastern section of the house.

A large, circa-1970 concrete-block garage addition has been appended to the rear of the house via a wood-frame hyphen (Photograph 4). The garage is capped with a side-gable roof and contains two single-bay overhead garage doors.

This resource has undergone numerous non-historic alterations and no longer retains historic integrity. Furthermore, no information was recovered that links this resource to significant events or individuals, and does not represent significant architectural trends or methods of construction. Therefore, this resource is recommended not eligible for NRHP-listing under Criteria A, B, or C. This resource has not been subject to archaeological testing, so eligibility under Criterion D has not been evaluated.

Survey # 59: 194 Kennedy Road, Raccoon Township, Beaver County

The property at 194 Kennedy Road is located to the north of the road and includes a circa-1910 dwelling, a circa-1980 garage with a circa-2000 addition, and a circa-2000 shed/carport. The proposed Project does not traverse the parcel, but will traverse the adjacent parcel, approximately 255 feet west of the dwelling, through a wooded area that will be visible from this property (Figure 2, Page 24). Access to the property was denied during survey, and the property is partially obscured by a tree line running along Kennedy Road.

The circa-1910 dwelling is a two-and-a-half story, wood-frame, American Foursquare resting on a concrete block foundation. It is clad in vinyl siding and capped by a hip roof, with dormers clad in asphalt shingles (Photograph 5). The front and rear porches have been enclosed and are clad in vinyl siding. Fenestration consists of replacement one-over-one vinyl sash windows.

The circa-1980 garage is located approximately 35 feet northwest of the dwelling. The building rests on a concrete block foundation, is clad in standing seam metal, and is capped by a front-gable roof covered in corrugated metal (Photograph 6). The garage has two, single-bay overhead garage doors on the southeast elevation. A large rear addition and a shed roof addition on the north elevation were added circa 2000.

The circa-2000 shed/carport is located approximately 80 feet northeast of the dwelling. This structure rests on a wooden pier foundation, is clad in corrugated metal, and is capped by a gable-front roof covered in corrugated metal (Photograph 7).

Review of historical aerial photography revealed that this property once contained additional outbuildings; however, these buildings are no longer extant.

This resource has undergone numerous non-historic alterations and no longer retains historic integrity. Furthermore, no information was recovered that links this resource to significant events or individuals, and does not represent significant architectural trends or methods of construction. Therefore, this resource is recommended not eligible for NRHP-listing under Criteria A, B, or C. This resource has not been subject to archaeological testing, so eligibility under Criterion D has not been evaluated.

Survey # 60: 169 Moores Road, Raccoon Township, Beaver County

The property at 169 Moores Road consists of a 41.7-acre farm located on the west side of Moores Road. The parcel predominantly consists of wooded areas with open fields along Moores Road and to the west of the farmstead. The farmstead is situated close to Moores Road and consists of a circa-1830 dwelling, circa-1950 machine shed/workshop, circa-1950 equipment shed, and a circa-1955 gable-entry bank barn with a circa-1970 addition. The proposed Project traverses the parcel for approximately 1,015 feet, predominantly through open fields, and a sparsely wooded area behind the farmstead (Figure 2, Page 24 and 25). The LOD will be located approximately 45 feet west of the of the circa-1970 addition to the gable-entry bank barn, the closest building on the property to the proposed Project.

The circa-1830 dwelling is a two-story, five-bay wide, two-bay deep, wood-frame building with a main block and rear ell resting on a stone foundation. The exterior walls are clad in vinyl siding and capped by a hip roof covered in asphalt shingles (Photographs 8 and 9). A full-width, shed-roof front porch is located on the east elevation. This porch is supported by turned-wood posts, and has been altered by the construction of a brick wing wall. A one-story, shed-roof rear porch has been enclosed, and a circa-2000 one-story addition has been appended to the rear of the house at the northwest corner. Fenestration consists of replacement one-over-one wood-sash and sliding vinyl windows flanked by faux shutters. The original window openings on the first floor of the façade have been altered to accommodate paired sliding windows. An interior end brick chimney is located on the south elevation.

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The circa-1950 machine shed/workshop is located approximately 115 feet northwest of the dwelling. The two-story building is built into a slight rise and rests on a poured concrete foundation, with the first floor constructed of concrete block and the second floor constructed of wood frame (Photograph 10 and 11). The building is capped by a gambrel roof covered in corrugated metal with drop siding in the gable eaves. A single-bay overhead garage door is located on the façade (northeast elevation), and a pedestrian door is located on the southeast elevation. An exterior brick chimney is located toward the rear of the building on the southeast elevation. Fenestration consists of replacement one-over-one vinyl-sash windows and original two-pane metal-sash windows.

The circa-1950 equipment shed is located approximately 65 feet northwest of the machine shed/workshop. This building is constructed of concrete block and is capped by a gable-front roof covered in standing seam metal (Photograph 12). T1-11 plywood siding is present in the gable eave. Fenestration consists of three-paned metal casements. Only two of the four original windows remain, while the remaining two openings are sealed with plywood. It appears that a single-bay overhead garage door was originally located on the north (front) elevation, but the door is now gone and the bay stands open.

The circa-1955 gable-entry bank barn is located approximately 210 feet northwest of the dwelling. This building is built into a hill and rests on a raised concrete block foundation that serves as the lower level. It is topped by a wood-frame gambrel-roof upper level (Photograph 13 and 14). The roof is covered in standing seam metal, and the gable eaves are clad in T1-11 plywood siding. The upper level is accessed by a large single-bay overhead garage door in the gable end. A pedestrian door flanks this opening. The lower level contains open stall doors, arranged perpendicular to the roof ridgeline and sheltered by an overhanging eave. A circa-1970 addition has been appended to the northwest elevation. The addition consists of a concrete block lower level and a wood-frame upper level. The upper level is clad in vertical plank siding and is capped by a gable-roof covered in standing seam metal.

While this resource is associated with agriculture in the region, and contains outbuildings dating from the 1930-1960 period, “Crisis and Decline: Land Use Shifts and Further Agricultural Adjustments”, it does not contain requisite buildings such as silos or a milk house to meet the registration requirements for the region. In addition, the extant buildings do not represent significant trends in regional history. Therefore, this resource is recommended not eligible for listing under Criterion A. No information was recovered linking this resource with significant individuals on the local, regional, or national level. Therefore, this resource is recommended not eligible for the NRHP under Criterion B. The extant buildings do not represent significant methods or styles of construction, do not represent the work of a master, and do not reflect high artistic characteristics. In addition, the main dwelling and numerous outbuildings have undergone non-historic alterations and additions that compromise their historic integrity. Therefore, this resource is recommended not eligible for the NRHP under Criterion C. This resource has not been subjected to archaeological survey, and therefore eligibility under Criterion D has not been evaluated.

Survey # 61: 1022 Frankfort Road, Raccoon Township, Beaver County

The property at 1022 Frankfort Road consists of an irregularly-shaped wooded parcel of 53.15 acres. The property contains a circa-1880 dwelling, circa-1955 basement barn that has been converted into a secondary residence, and a circa-1980 workshop. The proposed centerline does not traverse the parcel; however, a small portion of the LOD, approximately 50 feet, traverses the property at the northwest corner of the parcel (Figure 2, Page 24 and 25). The LOD is located approximately 2,710 feet northwest of the circa-1980 workshop, the closest building on the property to the Project.

The circa-1880 dwelling is a two-and-a-half story, three-bay wide, two-bay deep, rectangular building resting on a stone foundation. Exterior walls are clad in aluminum siding and capped by a side-gable roof covered in asphalt shingles (Photograph 15). A gable-roof side-porch has been appended to the north elevation and shelters what appears to serve as the main entrance to the dwelling (Photograph 16). A

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wood-frame, shed-roof, one-story addition has also been appended to the rear (west) elevation. Fenestration throughout the building consists of replacement, one-over-one vinyl sash windows. The original window openings on the east façade have been altered to accommodate paired windows. An interior, concrete-block and clay-tile chimney rises from the ridgeline in the northern section of the house

The former basement barn is located approximately 85 feet northwest of the dwelling and is built into a slight rise. This wood-frame building rests on a concrete block foundation, is clad in aluminum siding and asphalt roll, and is capped by a front-gable roof covered in asphalt shingles (Photograph 17). It appears that this building has been converted into living space. A shed-roof porch has been appended to the upper level of the east elevation, and a door and bay window has been installed. The lower level is accessed by a single-bay overhead garage door. Window openings have been added to the west elevation, and fenestration consists of vinyl-sash, one-over-one windows (Photograph 18). An exterior brick chimney is located on the south elevation.

The circa-1980 workshop is located to the west of the former basement barn and approximately 125 feet northwest of the dwelling. This one-story, wood-frame, rectangular building rests on a concrete block foundation, is clad in standing seam metal, and is capped by a front-gable roof covered in asphalt shingles (Photograph 19). A pedestrian door is located on the north facade, and fenestration consists of metal-sash, sliding windows.

This resource has undergone numerous non-historic alterations and no longer retains historic integrity. While it may have been associated with agricultural practices historically, it no longer functions as such, and the only remaining historic-period outbuilding has been heavily altered and no longer serves its historic function. Furthermore, no information was recovered that links this resource to significant events or individuals, and does not represent significant architectural trends or methods of construction. Therefore, this resource is recommended not eligible for NRHP-listing under Criteria A, B, or C. This resource has not been subject to archaeological testing, so eligibility under Criterion D has not been evaluated.

Survey # 62: 101 Shippingport Road, Raccoon Township, Beaver County

The property at 101 Shippingport Road consists of an irregularly shaped parcel that is mostly wooded and traversed by an electric transmission line. The property contains a circa-1820 dwelling, circa-1980 horse stable, and circa-2000 poultry house. The proposed Project traverses the parcel for approximately 1,570 feet, paralleling an existing utility ROW corridor, in a wooded area in the western section of the property (Figure 2, Page 24 and 25). At its closest point, the LOD is located approximately 1,595 feet northwest of the dwelling.

The dwelling is located on the west side of Shippingport Road and is sited on a slight rise. The five-bay wide, two-bay deep, two-and-a-half-story, rectangular building rests on an ashlar block foundation, is clad in vinyl siding, and is capped by a side-gable roof covered in asphalt shingles (Photographs 20 and 21). Fenestration consists of replacement, vinyl-sash, one-over-one windows. It appears that some of the original window openings have been altered, and some have been covered over. An exterior, metal flue chimney is located on the rear (south elevation). An enclosed shed-roof porch has been appended to the front (north) elevation, and a one-story, side-gable roof addition, housing a two-bay garage, has been appended to the west elevation.

The circa-1980 horse stable is located approximately 85 feet southwest of the dwelling. This one-story, concrete-block, rectangular building is capped by a front-gable roof covered in asphalt shingles (Photograph 22). A cupola rises from the center ridgeline. Wood-frame, shed-roof additions have been appended to the south and west elevations. The circa-2000, wood-frame poultry house is located approximately 75 feet east of the stable.

This resource has undergone numerous non-historic alterations and no longer retains historic integrity. While it may have been associated with agricultural practices historically, only the dwelling remains from the historic-period, and this resource has undergone numerous non-historic alterations and additions. Furthermore, no information was recovered that links this resource to significant events or individuals, and does not represent significant architectural trends or methods of construction. Therefore, this resource is recommended not eligible for NRHP-listing under Criteria A, B, or C. This resource has not been subject to archaeological testing, so eligibility under Criterion D has not been evaluated.

Survey # 63 (Key # 104720): 25 Wilson Road, Findlay Township, Allegheny County

This property is the Clinton United Presbyterian Church and Cemetery, founded in 1797 and located on the south side of Wilson Road. The property consists of a circa-1924 Gothic Revival church and a large, older cemetery that extends to the south of the church. This resource was determined NRHP-eligible by the PA SHPO in 1996. The proposed Project does not traverse the property boundary; however, an existing paved road immediately adjacent to the property will be used as an access road during construction (Figure 2, Page 11).

The circa-1924 church is a two-story, Gothic Revival-style building constructed in brick. The building is capped by a steeply-pitched gable-front roof, and a square tower is present on the north façade. The building features brick buttresses, concrete coping, and Gothic-arched stain glass windows. A large, one-story brick addition has been appended to the rear of the building (Photograph 23).

The cemetery extends behind the church and consists of burials dating from the present to the early nineteenth century. Granite, limestone, and marble gravestones are present in a variety of styles, from flat ground-level stones to obelisks and family burial plots (Photograph 24).

This resource was previously determined NRHP-eligible by the PA SHPO in 1996. It does not appear that any significant changes have occurred to the resource since that date, and is still recommended Eligible for the NRHP. No abbreviated HRSF is provided for this resource, as it has already been determined eligible for NRHP-listing.

Survey # 64 (Key # 115052): 3401 Donaldson Road, Robinson Township, Washington County

This property consists of an irregular-shaped parcel located on both sides of Donaldson Road in Robinson Township, Washington County. The farmstead is located in the center of the parcel, with the circa-1850 farmhouse and circa-2015 equipment shed located to the north of Donaldson Road, and a circa-1920 equipment shed/workshop located to the south of Donaldson Road. This resource was determined not eligible for the NRHP by the PA SHPO in 2000. Since that recordation, the resource has undergone demolition of key farmstead buildings including the barn and other ancillary buildings. The proposed Project traverses the parcel for approximately 2,110 feet through open fields to the west of the farmstead (Figure 2, Page 7). The pipeline LOD is located approximately 1,310 feet northwest of the dwelling, the closest building on the property to the Project.

The farmhouse consists of a circa-1850, two-story, five-bay wide, one-bay deep, I-house with a rear wing resting on a stone foundation with exterior walls clad in vinyl siding, and capped by a side-gable roof covered in asphalt shingles (Photograph 25). Fenestration consists of replacement, vinyl-sash, six-over-six windows. A non-historic, one-bay, shed-roof front porch resting on a concrete block foundation and supported by square wood posts has been appended to the south façade. Brick, interior-end chimneys are located on the east elevation of the main block and the north elevation of the rear wing. A large, three-car garage has been appended to the rear of the house.

The circa-1920 equipment shed/workshop is located approximately 80 feet south of the dwelling, on the opposite side of Donaldson Road. This rectangular building is constructed of concrete block and is capped by a side-gable roof covered in corrugated metal (Photograph 26). Fenestration consists of two-over-two, metal-sash, awning windows, and a double, strap-hinge, carriage door is located on the north façade, as is a pedestrian door.

The circa-2015 equipment shed is located approximately 55 feet northwest of the dwelling. This building rests on a concrete block foundation, is clad in vinyl siding, and is capped by a gambrel roof covered in asphalt shingles (Photograph 27).

This resource has previously been determined not eligible for NRHP listing by the PA SHPO, and has since undergone demolition of significant ancillary buildings including the barn. The resource is still recommended not eligible for NRHP listing. No abbreviated HRSF is provided for this resource due to its previous NRHP evaluation.

Survey # 65 (Key # 115043): Oil Resource A, Robinson Township, Washington County

This resource is located within the property boundary of 3401 Donaldson Road (Key # 115052), on the south side of the road within a wooded area flanking an unnamed drainage. The proposed Project is located approximately 600 feet to the west, and a temporary workspace is located approximately 60 feet northwest of the resource (Figure 2, Page 7). The resource consists of an abandoned, circa-1900, metal oil derrick (Photograph 28), and was previously determined eligible for the NRHP by the PA SHPO in 2000. No abbreviated HRSF is provided for the resource due to its previous NRHP evaluation

Survey # 66 (Key # 202512): McAdam/Montour No. 9 Worker Housing Historic District, Robinson Township, Washington County

This historic district roughly extends along both sides of Robertson Highway (State Route 980) from east of the intersection of Quicksilver Road in the west, to west of North Branch Road in the east. This district is comprised of approximately 26 multiple- and single-family dwellings constructed between circa 1902 and circa 1950 in the Dutch Colonial, Colonial Revival, and Vernacular styles (Photographs 29 and 30). The resource was previously determined not eligible for the NRHP by the PA SHPO.

The proposed Project traverses the historic district via HDD. No impacts to the resource are anticipated (Figure 2, Page 7). This resource was previously determined not eligible for the NRHP by the PA SHPO, and field survey verified that the historic district has undergone a loss of historic integrity due to non-historic alterations and additions visible on the extant residences, as well as numerous recent demolitions of residences. No abbreviated HRSF is provided for the resource due to its previous NRHP evaluation and being traversed via HDD bore.

Survey # 67: 131 Primrose Road, Mount Pleasant Township, Washington County

This resource consists of a circa-1950 pumphouse and circa-1950 guardhouse. The two buildings are sited on the west side of Primrose Road, in the southern portion of an approximately 80.8-acre parcel (Figure 2, Page 4). In addition to these two buildings, foundations of non-extant buildings were visible in the vicinity, as well as non-historic oil and gas tanks. The proposed Project traverses the parcel for approximately 400 feet at the northern end of the parcel, approximately 1,250 feet north of the pumphouse, the closest building on the property to the Project.

The pumphouse is a wood-frame structure clad in corrugated metal and capped by a front-gable roof that is also covered in corrugated metal (Photograph 31). Two windows are located on both the east and west (side) elevations, and a corrugated metal door is located on the south facade. The interior of the window openings are now sealed with plywood, and chicken-wire has been applied to the exterior around the wood surrounds of the window. Metal pipes extend from the rear of the building and extend below grade.

The guardhouse stands approximately 20 feet southwest of the pumphouse. This partially collapsed, wood-frame structure rests on a wood foundation, is clad in drop siding, and is capped by a side-gable roof covered in sheet metal (Photograph 32). Two windows were originally located on the north and south (side) elevations, and the entrance is located on the east elevation. The south elevation window sash is no longer extant, and the north elevation window consists of fixed, six-pane wood-sash. The door has deteriorated off the hinges and the roof is partially collapsed. Other buildings visible on the parcel in historic aerial photographs are no longer extant.

This resource stands in a state of deterioration. Demolition campaigns to remove original outbuildings have resulted in a loss of integrity to the resource as a whole. While the resource may have been associated with early oil and gas practices in the region, no significant associations were discovered. Furthermore, no information was recovered that links this resource to significant individuals, and it does not represent significant architectural trends or methods of construction. Therefore, this resource is recommended not eligible for NRHP-listing under Criteria A, B, or C. This resource has not been subject to archaeological testing, so eligibility under Criterion D has not been evaluated.

Survey # 68: 128 Primrose Road, Mount Pleasant Township, Washington County

This property consists of an approximately 53.5 acre parcel located on the east side of Primrose Road. The original farmstead on the property is no longer extant, having been replaced by the current buildings. The current farmstead is sited close to Primrose Road in the center of the parcel (Figure 2, Page 4). The farmland consists of predominantly open fields, with trees clustered around the farmstead, tree lines around the boundary of the parcel, and a possible woodlot in the southeast corner of the property. The farmstead consists of a circa-1965 dwelling, circa-1965 workshop, circa-1980 pole barn, circa-1980 metal silos, and a circa-1980 ruinous vehicle/equipment shed. The proposed Project traverses the parcel for approximately 248 feet in the northwest corner of the parcel. The LOD is located approximately 298 feet northwest of the dwelling, the closest building on the property to the Project.

The circa-1965 dwelling is constructed of stretcher-bond brick and is capped by a hipped roof covered in asphalt shingles (Photograph 33). The house sits on a raised brick basement, and the south elevation features an integral one-bay garage. Above this is an integral porch supported by brick columns. A gable-front roof porch, supported by brick columns, is also located on the west elevation. Fenestration consists of diamond-pane casement and fixed windows.

The circa-1965 workshop is located approximately 45 feet southeast of the dwelling. This one-story building is constructed of concrete block and is capped by a front-gable roof covered in asphalt shingles (Photograph 34). A vehicle-bay with a modern overhead garage door is located on the west facade. The building is currently surrounded by piles of scrap and materials which partially obscure the elevations.

The circa-1980 pole barn is located approximately 155 feet southeast of the dwelling. This one-story, rectangular building is capped by a front-gable roof covered in standing seam metal (Photograph 35). The west facade features a single vehicle bay with an overhead door. The circa-1980 metal silos are located southwest of the pole barn (Photograph 36). The circa-1980 ruinous vehicle/equipment shed is located to the southwest of the silos. The walls and the roof of this structure have collapsed and only the wood frame is standing (Photograph 37).

While this resource was historically associated with agricultural pursuits in the region, it no longer functions as a farm, and only the circa 1965 dwelling and workshop date to the historic period. These buildings do not clearly represent historic agricultural practices in area. Furthermore, no information was recovered that links this resource to significant events or individuals, and it does not represent significant architectural trends or methods of construction. Therefore, this resource is recommended not eligible for

NRHP-listing under Criteria A, B, or C. This resource has not been subject to archaeological testing, so eligibility under Criterion D has not been evaluated.

Survey # 69: 100 Primrose Road, Mount Pleasant Township, Washington County

This property consists of an approximately 61.1 acre parcel located on the east side of Primrose Road (Figure 2). The farmstead is sited close to Primrose Road. The farmland consists of predominantly open field with woodland located in the eastern portion of the parcel. Sparse tree growth flanks a natural drainage that runs east/west through the center of the parcel (Figure 2, Page 4). The farmstead currently consists of a circa-1870 dwelling, circa-1940 garage/workshop, circa-1960 wire silo, circa-1960 bake house, circa-1960 ruinous corn crib, circa-1980 pole barn with milk house, and circa-1980 vehicle/equipment shed. The proposed Project traverses the parcel for approximately 1,565 feet, predominantly through open field to the east of the farmstead. The LOD is located approximately 215 feet east of the circa-1980 pole barn, the closest building on the property to the Project.

The circa-1870 dwelling is sited close to Primrose Road. The house is a two-story, wood-frame, three-bay wide, two-bay deep building resting on a stone foundation and capped by a side-gable roof covered in asphalt shingles (Photographs 38 and 39). The front porch has been heavily altered, rests on a concrete block foundation, and has been partially enclosed, and the basement has been extended underneath. A full-width, shed-roof addition has been appended to the rear. The walls are clad in aluminum siding and it appears that some of the original window openings have been enclosed. Original windows have been replaced, and the house now features vinyl-sash windows in one-over-one and six-over-six configurations. Two interior end brick chimneys are centered on the side elevations. The house has undergone numerous non-historic alterations and additions and no longer conveys historic integrity.

The circa-1940 garage/workshop is located approximately 90 feet southeast of the dwelling. The two-story garage is constructed of concrete block and is capped by a front-gable roof covered in asphalt shingles (Photograph 40). A single overhead garage bay door is located in the south elevation, and a set of steps allows access to the second floor on the west elevation. Fenestration consists of fixed, four-pane, metal-sash windows. An interior brick chimney is located in southeast corner. An open-bay shed roof extension extends off the east elevation.

The circa-1980 vehicle/equipment shed is located approximately 65 feet southeast of the garage/workshop. This one-story rectangular building is constructed of concrete block and is capped by a side-gable roof covered in corrugated metal (Photograph 41). Two vehicle bays were located in the east elevation, but these have been covered by corrugated metal. A pedestrian door, also covered in corrugated metal, is located in the south elevation.

The circa-1980 pole barn is the easternmost building on the property, and is located approximately 270 feet east of the dwelling. This rectangular barn consists of a wood-frame central block covered by a front-gable roof and flanked by shed roof additions (Photograph 42). The northern shed roof addition consists of an open-bay vehicle shed, the southern shed roof additions consist of concrete block milking parlor and milk house. This building stands in a deteriorated state, with missing window sashes and portions of standing seam metal exterior missing.

The circa-1960 wire silo (see Photograph 40), ruinous corncrib, and bake house are located to the east of the dwelling (Photographs 43 and 44). The wood-frame corn crib is in a state of severe deterioration and is partially collapsed. The brick bake house is a brick chimney constructed approximately 45 feet east of the house, and is not constructed to shelter human activity.

While this resource was historically associated with agricultural pursuits in the region, it appears to no longer function as a farm, and only the circa-1870 dwelling, circa-1940 garage/workshop, circa-1960 wire

silo, ruinous corn crib, and bake house/oven date to the historic period. These buildings and structures have undergone non-historic alterations and/or are in a state of severe deterioration. Due to these factors this resource does not retain historic integrity and does not clearly represent typical agricultural practices in the region over time. Furthermore, no information was recovered that links this resource to significant events or individuals, and it does not represent significant architectural trends or methods of construction. Therefore, this resource is recommended not eligible for NRHP-listing under Criteria A, B, or C. This resource has not been subject to archaeological testing, so eligibility under Criterion D has not been evaluated.

Survey # 70: 57 Primrose Road, Mount Pleasant Township, Washington County

This property consists of an approximately 18-acre parcel located on the west side of Primrose Road (Figure 2, Page 4 and 5). The property contains a circa-1960 dwelling, a circa-1960 garage, a circa-1980 mobile home, and a circa-1980 shed. The parcel consists of open field traversed by electric transmission lines and towers. The proposed Project traverses the parcel for approximately 375 feet through open field adjacent to an existing electric transmission line ROW. The LOD, at its closest point, is located approximately 400 feet northwest of the dwelling.

The circa-1960 dwelling is a one-story, four-bay wide dwelling resting on a concrete block foundation, clad in aluminum siding, and capped by a hipped roof covered in asphalt shingles (Photograph 45). Fenestration consists of replacement six-over-six vinyl-sash windows and ten-pane awning windows flanked by faux shutters. A poured concrete stoop with wrought iron railings supported by a concrete block foundation is located on the front façade. This stoop is currently accessed by a wood frame wheelchair ramp. A brick chimney is set within the roof slope in the southwest corner of the house.

The circa-1960 garage is located approximately 190 feet northwest of the dwelling. This wood-frame structure is clad in vinyl siding and is capped by a front-gable roof covered in asphalt roll (Photograph 46). A single, overhead garage bay door is located in the eastern elevation, and this door is flanked by a metal panel and glass pedestrian door. The circa-1980 mobile home and shed are located just to the west of the dwelling (Photograph 47).

No information was recovered that links this resource to significant events or individuals, and does not represent significant architectural trends or methods of construction. Therefore, this resource is recommended not eligible for NRHP-listing under Criteria A, B, or C. This resource has not been subject to archaeological testing, so eligibility under Criterion D has not been evaluated.

Survey # 71 – 91 Primrose Road, Mount Pleasant Township, Washington County

This property consists of an approximate seven-acre lot containing a circa 1949 dwelling and a circa 1990 Quonset shed (Figure 2, Page 4). The parcel consists of manicured lawn, open field, and wooded areas. The proposed Project traverses the parcel for approximately 730 feet, along the northern boundary of the parcel. The pipeline will traverse through open field near Primrose Road, and continue west into sparsely wooded area before heading north and exiting the parcel. A proposed valve site will also be constructed on the property. The centerline of the pipeline will run approximately 270 feet north of the dwelling, and the valve site will also be located approximately 270 feet north of the dwelling.

The circa-1949 dwelling is a one-and-a-half-story, brick structure that has been altered by the construction of a large front porch and addition of a two-car, concrete block garage connected to the house by a one-story hyphen (Photographs 48-49). The roof on the original portion of the house consists of a side-gable roof with front-gable extension, and an exterior brick chimney is located on the north elevation. The garage is sheltered by a front gable roof, and a side-gable roof hyphen connects the garage to the house. The roof is covered in asphalt shingles. Fenestration consists of replacement vinyl sliding on

one-over-one windows sheltered by metal awnings. The circa-1990 metal Quonset shed is located to the rear of the dwelling.

This resource has undergone substantial non-historic alterations and no longer retains historic integrity. In addition, no information was recovered that links this resource to significant events or individuals, and the resource does not represent significant architectural trends or methods of construction. Therefore, this resource is recommended not eligible for NRHP-listing under Criteria A, B, or C. This resource has not been subject to archaeological testing, so eligibility under Criterion D has not been evaluated.

Survey # 72: 80 Fort Cherry Road, Mount Pleasant Township, Washington County

This property consists of an approximately 269.8-acre, 18-hole, public golf course that contains a clubhouse, hotel rooms, driving range, putting green, and various maintenance facilities (Figure 2, Page 4 and 5). The golf course and clubhouse were constructed circa 1967, with the hotel rooms added circa 1980 and the maintenance facilities added circa 2000 and circa 2015. The proposed Project traverses the eastern and northern edge of the property for approximately 3,320 feet, and will not traverse any of the golf course holes or impact any of the extant buildings.

The circa-1967 clubhouse is a one-story, brick structure capped by a side-gable roof covered in asphalt shingles (Photograph 50 and 51). A large porte-cochere, supported by brick columns, is located on the north elevation. Fenestration consists of arched, metal-sash windows on the front façade, and regular square windows on the elevation facing the golf course. Substantial additions were constructed circa-1980, including a suite of hotel rooms extending east of the original clubhouse (Photograph 52). What appears to have been an original pool associated with the clubhouse was also demolished circa 2014. In circa 2000 and circa 2015, maintenance buildings were added to the property (Photograph 53). The golf course is typical of the region, containing undulating elevations, water, and sand hazards (Photograph 54).

This resource has undergone significant non-historic alterations and additions and no longer retains historic integrity. Furthermore, the golf course design is typical of the region, and does not represent significant trends in golf course construction or master design. No information was recovered that links this resource to significant events or individuals, and the resource does not represent significant architectural trends or methods of construction. Therefore, this resource is recommended not eligible for NRHP-listing under Criteria A, B, or C. This resource has not been subject to archaeological testing, so eligibility under Criterion D has not been evaluated.

Survey # 73: 52 Fort Cherry Road, Mount Pleasant Township, Washington County

This property consists of an approximately one-acre parcel containing a circa-1950 residence and circa-1950 detached garage (Figure 2, Page 5). The parcel consists of steep land, and the buildings are located on a rise above Fort Cherry Road, accessed by a narrow private drive. The proposed Project clips the western portion of the property for approximately 45 feet, and will require tree clearing within the parcel. The LOD is located approximately 10 feet east of the detached garage, the closest building on the property to the Project.

The circa-1950 Cape Cod dwelling is a three-bay wide, one-and-a-half-story building which rests on a raised rusticated-concrete block foundation. It is clad in vinyl siding and is capped by a side-gable roof covered in asphalt shingles (Photographs 55 and 56). The house faces north. The main door is set in a small gable roof extension, and is accessed by a poured concrete stoop. The raised basement exhibits a walkout door on the north elevation. Two gable-roof dormers are located on the north facade and a full-width shed roof dormer is located on the south elevation. An exterior-end chimney is located on the west elevation. A circa-1960 sunroom addition extends off the east elevation. This wood-frame addition exhibits a shed roof, and mainly consists of awning windows. Fenestration consists of replacement vinyl-sash fixed and casement windows.

The circa-1950 detached garage is located approximately 15 feet west of the house. This building is constructed of concrete block and is capped by a front-gable roof covered in asphalt shingles (Photograph 57). The vehicle bay is located in the west elevation and consists of a modern overhead garage door. A pedestrian entrance is located in the east elevation, facing the house. Fenestration consists of four-pane, fixed metal-sash windows.

No information was recovered that links this resource to significant events or individuals, and the resource does not represent significant architectural trends or methods of construction. Therefore, this resource is recommended not eligible for NRHP-listing under Criteria A, B, or C. This resource has not been subject to archaeological testing, so eligibility under Criterion D has not been evaluated.

Survey # 74: 20 Skyview Drive, Mount Pleasant Township, Washington County

This property consists of a 4.8-acre parcel containing a circa-1964 dwelling, a circa-2000 horse stable, and circa-1980 shed (Figure 2, Page 5). The buildings are located on a wooded hilltop, and are accessed by Skyview Drive. The proposed Project will traverse the parcel via HDD bore, and will not impact aboveground resources contained within the parcel.

The circa-1964 dwelling is a split-level Ranch resting on a concrete block foundation, clad in stretcher-bond brick, and capped by a side-gable roof covered in asphalt shingles (Photograph 58). A shed roof porch, supported by wood posts with a projecting front gable, is located on the east facade. An integral garage is also located on the east facade. Fenestration consists of replacement six-over-six, one-over-one, and fixed vinyl-sash windows protected by storm windows. Faux shutters flank all windows, and a cupola rises from the ridgeline of the roof in the northern section of the house. The wood-frame stable and shed are located approximately 185 feet west of the dwelling (Photograph 59).

No information was recovered that links this resource to significant events or individuals, and the resource does not represent significant architectural trends or methods of construction. Therefore, this resource is recommended not eligible for NRHP-listing under Criteria A, B, or C. This resource has not been subject to archaeological testing, so eligibility under Criterion D has not been evaluated.

Survey # 75: 8655 Noblestown Road, Mount Pleasant Township, Washington County

This property consists of a 3.2-acre parcel containing a circa-1930 residence (Figure 2, Page 5). The parcel is located on the hillslope and the house is located on a rise above Noblestown Road. The proposed Project crosses the parcel via HDD bore and no impacts to aboveground resources are anticipated.

The circa-1930 house is a three-bay wide, one-and-a-half-story Craftsman/Bungalow resting on a raised rusticated concrete block foundation, clad in drop siding, and capped by a front gable roof covered in asphalt shingles (Photograph 60 and 61). The integral, full-width front porch is supported by battered wood columns. Fenestration consists of replacement vinyl-sash, one-over-one windows, as well as original wood-frame fixed and one-over-one windows. Some of the original window openings have been altered, and some have been boarded over. An interior brick chimney rises from the roof slope in the southwest section of the house.

Non-historic modifications to the resource including the alteration of original window and door openings have resulted in a loss of historic integrity. No information was recovered that links this resource to significant events or individuals, and the resource does not represent significant architectural trends or methods of construction. Therefore, this resource is recommended not eligible for NRHP-listing under Criteria A, B, or C. This resource has not been subject to archaeological testing, so eligibility under Criterion D has not been evaluated.

Survey # 76: 150 Pittsburgh Grade Road, Greene Township, Beaver County

This property consists of an approximately 10.2-acre parcel containing a circa-1981 dwelling, circa-1930 vehicle/equipment shed, and circa-1930 springhouse (Figure 2, Page 22). The parcel consists of open field around the buildings and the northern section of property, and woods at the southern section of the property. The proposed Project will traverse the property for approximately 755 feet through the woods at the southern section, then through the open fields south of the buildings. The LOD, at its closest, is located approximately 52 feet southeast of the circa-1930 vehicle/equipment shed, and approximately 35 feet south of the circa-1930 springhouse, the closest buildings on the property to the Project.

The circa-1930 vehicle equipment shed is located approximately 200 feet east of the dwelling. The building is constructed of concrete blocks and is capped by a gable roof covered in corrugated metal (Photograph 62). An open-bay shed roof extension has been appended to the east elevation. Fenestration consists of a fixed, multi-pane, metal sash window in the south elevation. A metal chimney flue extends out of the building through one of these panes, and an exterior brick chimney rises from the north elevation.

The circa-1930 springhouse is located approximately 50 feet southeast of the dwelling. This small structure is constructed of rusticated concrete blocks and is capped by a gable-front roof with overhanging eaves, and an extension over the north façade (Photograph 63). There is an open window in the east elevation that appears to originally have consisted of a fixed, wood sash window.

The circa-1981 dwelling is constructed in the same location as an early dwelling, visible in historic aerial photographs. This one-story, four-bay wide house rests on a concrete block foundation, is clad in vinyl siding, and is capped by a side-gable roof covered in standing seam metal (Photograph 64). A gable-front roof porch extends over the centered front door. The porch is supported by wood posts with a simple wood balustrade. Fenestration consists of one-over-one and fixed metal-sash windows flanked by faux shutters. An integral garage is located in the eastern portion of the house, with the garage door at the rear (south) elevation. A large, interior concrete block chimney treated with stone veneer rises along the ridge of the roof near the eastern portion of the house, and an exterior concrete block chimney treated with stone veneer is located on the west elevation.

While this resource is historically associated with agricultural practices, the original dwelling, barn, and other outbuildings have been demolished. The only extant historic-period buildings are the circa-1930 vehicle/equipment shed and circa-1930 springhouse. Therefore, this resource does not clearly represent historic agricultural practices in the region. Furthermore, no information was recovered that links this resource to significant events or individuals, and the resource does not represent significant architectural trends or methods of construction. Therefore, this resource is recommended not eligible for NRHP-listing under Criteria A, B, or C. This resource has not been subject to archaeological testing, so eligibility under Criterion D has not been evaluated.

Survey # 77 – 113 Clearview Road, Raccoon Township, Beaver County

This property consists of an approximate 1.2-acre lot containing a 1959 Ranch dwelling (Figure 2, Page 17 and 18). The parcel consists of maintained yard with a small portion of woods at the rear (east) of the lot. The centerline of the proposed Project does not traverse the property, but the LOD for construction will require tree clearing for approximately 95 feet at the rear of the lot, approximately 415 feet east of the dwelling.

The resource is an L-shaped, one-story, Ranch-style dwelling clad in brick and capped by a cross-gable roof covered in asphalt shingles (Photographs 65-66). The house is built into a slight rise, and the basement is exposed on the north and east elevation. The lower level on the north elevation features a two-car garage with overhead roll doors. Fenestration throughout the house consists of fixed vinyl-sash

flanked by four- and six-light casement windows with brick sills. A large brick chimney rises from the rear (east) elevation and a smaller brick chimney rises from the south elevation.

No information was recovered that links this resource to significant events or individuals, and the resource does not represent significant architectural trends or methods of construction. Therefore, this resource is recommended not eligible for NRHP-listing under Criteria A, B, or C. This resource has not been subject to archaeological testing, so eligibility under Criterion D has not been evaluated.

Survey # 78 – 4264 Green Garden Road, Raccoon Township, Beaver County

This property consists of an approximate 19.8-acre parcel containing a circa-1965 residence, circa-1965 workshop, circa-1965 commercial office with circa-1980 additions, and a circa-1990 garage/workshop. A circa-1977 house with a series of circa-1977 sheds and outbuildings are located north of the historic-period buildings. The centerline of the proposed Project traverses the property for approximately 1,125 feet along the western boundary of the parcel, through a small area of woods and then through open fields (Figure 2, Page 25).

The circa-1965 residence is a one-story brick building resting on a raised basement (Photograph 67). The building is capped by a hipped roof covered in asphalt shingles. The front door on the south elevation is accessed by a set of brick and concrete steps with a wrought iron railing. A small, hip-roof portico shelters the front door, and a wooden patio extends to the east. The raised basement also has an entrance on the south elevation. Fenestration consists of replacement vinyl eight-over-eight, sliding, and awning windows.

The circa-1965 workshop is located approximately 100 feet southeast of the dwelling (Photograph 68). This building rests on a raised concrete block foundation with a wood frame upper story. The original rectangular block is capped by a side gable roof covered in asphalt shingles. Numerous shed roof additions have been appended to the building. A pedestrian door is located on the south elevation of the original block, and a sliding door is located on the south elevation of the western shed roof addition. Fenestration consists of sliding, single- and multi-paned fixed, and one-over-one windows.

The circa-1965 commercial office is located approximately 145 feet south of the dwelling, and is sited next to Green Garden Road. This one-story concrete block building features a brick veneer on the front (south) façade, and is capped by a side gable roof covered in asphalt shingles (Photograph 69). Pedestrian doors are located in both the south and east elevations. Fenestration on the front façade features brick sills and consists of sliding windows flanked by faux shutters. Elsewhere windows consist of one-over-one vinyl sash. A hip-roof addition has been appended to the rear (north) of the building, and a mobile home has been appended to the west elevation.

The circa-1990 garage/workshop is located approximately 75 feet southwest of the dwelling. This one-story, wood-frame structure rests on a poured concrete foundation, is clad in board and batten siding, and is capped by a gable front roof covered in asphalt shingles (Photograph 70).

No information was recovered that links this resource to significant events or individuals, and the resource does not represent significant architectural trends or methods of construction. Therefore, this resource is recommended not eligible for NRHP-listing under Criteria A, B, or C. This resource has not been subject to archaeological testing, so eligibility under Criterion D has not been evaluated.

Survey # 79 – 972-978 State Route 18, Raccoon Township, Beaver County

This property consists of two associated parcels containing a circa-1956 office and circa-1962 warehouse/shop (Figure 2, Page 25). The centerline of the proposed Project traverses between the parcels for approximately 370 feet. The pipeline will enter the property following an existing electric

transmission line corridor, and then turns northeast. The proposed pipeline will be located within a gravel parking lot.

The circa-1956 office is a two-story building clad in vinyl siding and capped by a hip roof covered in asphalt shingles (Photograph 71). The front (east) façade features three pedestrian doors, two on the first floor, and one on the second floor, accessed by a set of wooden steps and patio. The front façade features two fixed windows, while sliding windows are present on the other elevations. The building is built into a hill, and a one-story, gable-roof addition has been appended to the rear of the building. This building has undergone extensive non-historic alterations and no longer conveys its historic character.

The circa-1962 warehouse/shop is located approximately 145 feet southwest of the office. This two-story brick building is capped by a flat roof that exhibits brick corbelling along the front (east) façade. The façade features two vehicle bays in the southern portion and a pedestrian door sheltered by a pent roof in the northern section of the building (Photograph 72). This pedestrian door is adjacent to a wood-sash fixed window flanked by casement windows, and the upper level exhibits a paired, wood-sash, one-over-one window.

The office building has undergone significant non-historic alterations including the changing of original window and door openings, and no longer retains historic integrity. In addition, no information was recovered that links this resource to significant events or individuals, and the resource does not represent significant architectural trends or methods of construction. Therefore, this resource is recommended not eligible for NRHP-listing under Criteria A, B, or C. This resource has not been subject to archaeological testing, so eligibility under Criterion D has not been evaluated.

Survey # 80 – 4048 Patterson Road, Raccoon Township, Beaver County

This property consists of an approximate 3.75-acre parcel containing a circa-1942 residence, circa-1942 garage, and circa-2000 pole barn. The proposed Project centerline traverses the property to the east and north of the buildings, traversing mostly through open field, but limited tree clearing will occur at the southern property boundary, east of the buildings. In addition, a proposed access road and meter pad may be visible from the resource (Figure 2, Page 26).

The one-and-a-half-story, three-bay wide, two-bay deep, circa-1942 house is constructed in the Cape Cod style, rests on a concrete block foundation, is clad in aluminum siding, and is capped by a side gable roof covered in asphalt shingles (Photograph 73). The house is constructed into a slight rise, and a walk-out basement is exposed at the rear of the house. The house faces west toward Patterson Road, and the symmetrical front façade features a centered door flanked by replacement one-over-one vinyl sash windows. The windows and front door are sheltered by metal awnings. The side elevations feature two replacement one-over-one vinyl sash windows on the first floor and what appear to be fixed or hopper/awning windows in the half-story. All of the windows are flanked by faux shutters. The north side elevation also features sliding vinyl windows in the exposed basement, and the south side elevation features one story addition at the basement level. This addition features a central gable roof, shed roof porch extension to the rear of the house, and a flat concrete pad at the front of the house.

The circa-1942 garage is located approximately 75 feet south of the dwelling. This concrete block structure is capped by a front gable roof covered in asphalt shingles. The gable eaves are clad in novelty siding (Photograph 74). The garage faces north towards the house, and features a vehicle bay with a roll top door, flanked by a pedestrian door sheltered by a metal awning, and a shuttered opening is centered in the attic space above the garage door. A fixed four-pane window with a concrete sill is located in the west elevation.

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The circa-2000 pole barn is located approximately 100 feet northeast of the dwelling. This one-story, rectangular building is clad in standing seam metal and is capped by a front gable roof covered in standing seam metal (Photograph 75). Both the north and south elevations feature double swinging doors. There are no windows present on the building.

No information was recovered that links this resource to significant events or individuals, and the resource does not represent significant architectural trends or methods of construction. Therefore, this resource is recommended not eligible for NRHP-listing under Criteria A, B, or C. This resource has not been subject to archaeological testing, so eligibility under Criterion D has not been evaluated.

Survey # 81(200970) – Independence Township, Beaver County

The National Fuel Gas Company Line N Extension consists of an underground natural gas pipeline and ROW cut, constructed in 1947, that traverses through Washington, Allegheny, and Beaver Counties. The proposed Project crosses the resource in Independence Township, Beaver County (Figure 2, Page 16). Within the Project area, the resource ROW consists of an approximately 90-foot wide, maintained cut (Photograph 76).

This resource was determined not eligible for NRHP listing in 2014 by the PA SHPO. AECOM recommends that this resource is still not eligible for NRHP listing.

Survey # 82 – 122 Waite Lane, Independence Township, Beaver County

This property consists of an approximate 6.96-acre parcel containing a vacant circa-1945 residence and a circa-2009 pre-fabricated mobile home. The proposed centerline runs through the parcel for approximately 985 feet (Figure 2, Page 26). The LOD will be immediately to the south of the circa-1945 residence, though no physical impacts are anticipated to the buildings on the property.

The one-story, three-bay wide, two-bay deep, circa-1945 residence rests on a concrete block foundation, with the basement exposed at the rear of the structure. The walls are clad in faux stone veneer, and the side gable roof is covered in asphalt shingles. It appears the western portion of the house was demolished, and now a concrete pad and remnant fireplace are the only remaining elements. The house faces north toward the end of Waite Lane. The front façade contains a centered front door with a fixed picture window flanked by one-over-one windows in the eastern bay and paired six-over-one window in the western bay. Windows on the side and rear elevation consist of one-over-one. All of the windows are wood sash. A concrete block chimney rises near the center of the roof's ridgeline. The house stands vacant and is in a deteriorated state, with siding removed from the gable eaves and the attic framing exposed.

The circa-2009 prefabricated mobile home is clad in vinyl siding and is capped by a side gable roof covered in asphalt shingles. The house is located approximately 80 feet northeast of the vacant circa-1945 residence, and is now used as the primary dwelling.

The circa-1945 residence has undergone significant non-historic alterations including what appears to be the demolition of a portion of the house and recladding in faux stone veneer. In addition the resource stands vacant and is in a state of deterioration, with portion of siding removed and framing exposed. The resource no longer retains historic integrity. Furthermore, no information was recovered that links this resource to significant events or individuals, and the resource does not represent significant architectural trends or methods of construction. Therefore, this resource is recommended not eligible for NRHP-listing under Criteria A, B, or C. This resource has not been subject to archaeological testing, so eligibility under Criterion D has not been evaluated.

Assessment of Effects for Newly Identified Resources

A preliminary assessment of effect was conducted for newly identified resources in order to assess potential Project impacts (Table 3). All identified resources were considered except for previously recorded resources that had already been determined not eligible for NRHP listing by the PA SHPO (Key #s. 115052, 202512, and 200970). AECOM recommends that none of the newly identified resources are adversely affected by the proposed Project.

Table 3. Preliminary Effects Findings

AECOM Resource ID/ BHP Key No.	Property Name/Address	Municipality	Meets Agricultural Registration Requirements	NRHP Status	Potential for Permanent Physical or Visual Effect?
57	Lokomski House 185 Kennedy Road, Hookstown, PA 15050	Raccoon Township, Beaver County	No	Recommended Not Eligible	Yes (Tree Clearing)
58	Lokomski House 177 Kennedy Road, Hookstown, PA 15050	Raccoon Township, Beaver County	No	Recommended Not Eligible	Yes (Tree Clearing)
59	Franc House 194 Kennedy Road, Hookstown, PA 15050	Raccoon Township, Beaver County	No	Recommended Not Eligible	Yes (Tree Clearing)
60	Dobich Farm 169 Moores Road, Aliquippa, PA 15001	Raccoon Township, Beaver County	No	Recommended Not Eligible	Yes (Tree Clearing)
61	Smith House 1022 Frankfort Road, Aliquippa, PA 15001	Raccoon Township, Beaver County	No	Recommended Not Eligible	No
62	Larizza Farm 101 Shippingport Road, Aliquippa, PA 15001	Raccoon Township, Beaver County	No	Recommended Not Eligible	No
63 (Key # 104720)	Clinton United Presbyterian Church and Cemetery 25 Wilson Road, Clinton, PA 15026	Findlay Township, Allegheny County	No	Determined Eligible by PASHPO	No
65 (Key # 115043)	Oil Resource A, on same parcel as 3401 Donaldson Road, McDonald, PA 15057	Robinson Township, Washington County	No	Determined Eligible by PA SHPO	No

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AECOM Resource ID/ BHP Key No.	Property Name/Address	Municipality	Meets Agricultural Registration Requirements	NRHP Status	Potential for Permanent Physical or Visual Effect?
67	Deveaney Property 131 Primrose Road, McDonald, PA 15057	Mount Pleasant Township, Washington County	No	Recommended Not Eligible	No
68	King Farm 128 Primrose Road McDonald, PA 15057	Mount Pleasant Township, Washington County	No	Recommended Not Eligible	Yes (Tree Clearing)
69	Suty and Wilkes Farm 100 Primrose Road, McDonald, PA 15057	Mount Pleasant Township, Washington County	No	Recommended Not Eligible	Yes (Tree Clearing)
70	Crawford House 57 Primrose Road, McDonald, PA 15057	Mount Pleasant Township, Washington County	No	Recommended Not Eligible	Yes (Valve Site Visual)
71	Ransil House 91 Primrose Road, McDonald, PA 15057	Mount Pleasant Township, Washington County	No	Recommended Not Eligible	Yes (Tree Clearing and Valve Site)
72	Fort Cherry Golf Club 80 Fort Cherry Road, McDonald, PA 15057	Mount Pleasant Township, Washington County	No	Recommended Not Eligible	Yes (Tree Clearing)
73	Libert House 52 Fort Cherry Road, McDonald, PA 15057	Mount Pleasant Township, Washington County	No	Recommended Not Eligible	Yes (Tree Clearing)
74	Giglio House 20 Skyview Drive McDonald, PA 15057	Mount Pleasant Township, Washington County	No	Recommended Not Eligible	No
75	McGregor House 8655 Noblestown Road, McDonald, PA 15057	Mount Pleasant Township, Washington County	No	Recommended Not Eligible	No

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AECOM Resource ID/ BHP Key No.	Property Name/Address	Municipality	Meets Agricultural Registration Requirements	NRHP Status	Potential for Permanent Physical or Visual Effect?
76	Mallinder House 150 Pittsburgh Grade Road, Hookstown, PA 15050	Greene Township, Beaver County	No	Recommended Not Eligible	Yes (Tree Clearing)
77	Gill House 113 Clearview Road, Aliquippa, PA 15001	Raccoon Township, Beaver County	No	Recommended Not Eligible	Yes (Tree Clearing)
78	Vic's Van Daddy 4264 Green Garden Road Aliquippa, PA 15001	Raccoon Township, Beaver County	No	Recommended Not Eligible	Yes (Tree Clearing)
79	US Bulk Transport, Inc. 972 Route 18 Aliquippa, PA 15001	Raccoon Township, Beaver County	No	Recommended Not Eligible	Yes (Tree Clearing)
80	Gormley Residence 4048 Patterson Road Aliquippa, PA 15001	Raccoon Township, Beaver County	No	Recommended Not Eligible	No (Pipeline Traverses Edge of Property Through Open Fields)
82	Mitchell Residence 122 Waite Lane Aliquippa, PA 15001	Raccoon Township, Beaver County	No	Recommended Not Eligible	Yes (Tree Clearing)

Survey # 57 – Lokomski House, 185 Kennedy Road, Raccoon Township, Beaver County

The centerline of the proposed Project will traverse the parcel for approximately 200 feet through open yard and sparse ornamental trees approximately 110 feet northeast of the house and immediately adjacent to Kennedy Road (Figure 2, Page 24). The pipeline will then head north out of the property parcel, crossing Kennedy Road, and proceeding through a wooded area. Tree clearing within the ornamental plantings at the front of the property, as well as within the wooded area north of the property will be visible. No physical impact to standing structures is proposed. This resource was not historically associated with agricultural pursuits, and no significant historic landscapes will be impacted.

Survey # 58 – Lokomski House, 177 Kennedy Road, Raccoon Township, Beaver County

The centerline of the proposed Project will not traverse the property parcel, but will traverse the parcel to the west of the property (Figure 2, Page 24). However, tree clearing on the north side of Kennedy Road, approximately 200 feet north of the resource, will be visible from the resource. The proposed tree clearing within the viewshed will occur along the edge of an open field, so the change to the landscape will not be

substantial. This resource was not historically associated with agricultural pursuits, and no significant historic landscapes will be impacted.

Survey # 59 – Franc House, 194 Kennedy Road, Raccoon Township, Beaver County

The centerline of the proposed Project will not traverse the property parcel, but will traverse the parcel to the east of the property (Figure 2, Page 24). However, tree clearing on the adjacent parcel will be visible from the resource. The proposed tree clearing on the adjacent parcel will occur along the edge of an open field, so the change to the landscape will not be substantial. This resource was not historically associated with agricultural pursuits, and no significant historic landscapes will be impacted.

Survey # 60 – Dobich Farm, 169 Moores Road, Raccoon Township, Beaver County

The centerline of the proposed Project enters the southern portion of the property through a historic-period tree line then proceeds north through open fields before entering a sparsely wooded area for approximately 250 feet, and then enters open fields again, leaving the northern boundary of the property utilizing an existing utility ROW (Figure 2, Page 24 and 25). The pipeline will be located to the rear of the farmstead, approximately 125 feet southwest of the circa- 1950 equipment shed, the closest building to the pipeline. Limited tree clearing within the sparsely wooded area may be visible from the farmstead, the proposed Project will cross the tree line perpendicularly and the tree clearing will not be visible from the farmstead. In addition, a valve site and a temporary workspace will be constructed in an open field approximately 180 feet northwest of the circa 1970 addition to the gable-entry bank barn, the closest building to the valve site.

Survey # 61 – Smith House, 1022 Frankfort Road, Raccoon Township, Beaver County

The proposed Project will impact a minimal portion of the property, approximately 245 feet at the extreme northwestern portion of the parcel, approximately 2,735 feet northwest of the extant farmhouse (Figure 2, Page 24 and 25). The pipeline traverses through a heavily wooded area that was historically wooded, and will not be visible from any of the extant resources of the former farmstead. It does not appear that the section of woods being impacted by the proposed Project was historically used for agricultural purposes, and the resource is no longer associated with agricultural pursuits.

Survey # 62 – Larizza Farm, 101 Shippingport Road, Raccoon Township, Beaver County

The centerline of the proposed Project will traverse the property for approximately 2,830 feet following existing utility corridor ROWs. The line traverses through a densely wooded area that was historically wooded, before leaving the property through open fields (Figure 2, Page 24 and 25). Proposed tree clearing will widen the existing cleared utility corridor ROWs and will not impact any significant historic landscapes. The proposed pipeline is located approximately 350 feet southwest of the farmhouse, the only historic-period building on the property.

Survey # 63 – Clinton United Presbyterian Church and Cemetery, 25 Wilson Road, Findlay Township, Allegheny County

The proposed Project does not traverse the property boundary of this resource. An existing paved road, Wilson Road and Youhtowne Road, will be utilized as an access road during construction (Figure 2, Page 11). No improvements are proposed to this road, and no impacts to the resource are anticipated.

Survey # 65 – Oil Resource A, 3401 Donaldson Road, Robinson Township, Washington County

The proposed Project traverses the parcel that this resource is located on (3401 Donaldson Road), but the centerline is located approximately 760 feet to the west, and will traverse through open field (Figure 2, Page 7). However, a temporary workspace will require limited tree clearing approximately 100 feet, at its closest, northwest of the resource. No physical impacts to the resource are anticipated.

Survey # 67 – Deveaney Property, 131 Primrose Road, Mount Pleasant Township, Washington County

The proposed Project traverses the northern edge of the property through open field approximately 1,325 feet north of the extant resources (Figure 2, Page 4). In addition, an existing access road will be used temporarily during construction of the pipeline. No visual or physical impacts are anticipated to the resource. This resource was not historically associated with agricultural pursuits, and no significant historic landscapes will be impacted.

Survey # 68 – King Farm, 128 Primrose Road, Mount Pleasant Township, Washington County

The proposed Project traverses the northwest corner of the property, predominantly through open field, approximately 415 feet north of the main dwelling, the closest resource (Figure 2, Page 4). However, the pipeline will require tree clearing within historic tree lines flanking Primrose and Galati Road. The pipeline traverses the tree lines perpendicularly, and tree clearing will be limited.

Survey # 69 – Suty and Wilkes Farm, 100 Primrose Road, Mount Pleasant Township, Washington County

The proposed Project traverses the parcel from north to south through open field and a historically wooded natural drainage approximately 230 feet east of the circa 1980 pole barn, the closest building to the alignment on the property (Figure 2, Page 4). The proposed Project will require tree clearing at perpendicular angles to historic tree lines demarcating the north and south property boundaries. No buildings will be physically impacted by the proposed Project.

Survey # 70 – Crawford House, 57 Primrose Road, Mount Pleasant Township, Washington County

The proposed Project traverses the parcel through open field approximately 460 feet north of the circa 1960 dwelling, adjacent to an existing electric transmission line ROW (Figure 2, Page 4 and 5). While visual impacts from the construction of the pipeline will be temporary in nature, a proposed valve site, located approximately 460 feet north of the circa 1960 dwelling may be visible from the resource. This resource was not historically associated with agricultural pursuits, and no significant historic landscapes will be impacted.

Survey # 71 – Ransil House, 91 Primrose Road, Mount Pleasant Township, Washington County

The proposed Project traverses the parcel for approximately 730 feet, along the northern boundary of the parcel (Figure 2, Page 4). The pipeline will traverse through open field near Primrose Road, and continue west into sparsely wooded area before heading north and exiting the parcel. A proposed valve site will also be constructed on the property. The centerline of the pipeline will run approximately 270 feet north of the dwelling, and the valve site will also be located approximately 270 feet north of the dwelling. No buildings will be physically impacted on the property. Tree clearing and the proposed valve sight may be visible. This resource was not historically associated with agricultural pursuits, and no significant historic landscapes will be impacted.

Survey # 72 – Fort Cherry Golf Club, 80 Fort Cherry Road, Mount Pleasant Township, Washington County

The proposed Project traverses the parcel along the eastern and northern boundary for approximately 3,445 feet, through open fields and wooded areas, before joining an existing utility ROW and exiting the property (Figure 2, Page 4 and 5). In addition to the pipeline, a temporary access road utilizing an existing road near the maintenance facilities is proposed. No buildings or significant golf landscapes will be physically impacted, although tree clearing may be visible.

Survey # 73 – Libert House, 52 Fort Cherry Road, Mount Pleasant Township, Washington County

The proposed Project traverses the eastern edge of the parcel adjacent to an existing utility corridor ROW (Figure 2, Page 5). The centerline will be located approximately 88 feet west of the circa 1950 garage, the closest building to the Project on the property. The proposed LOD will be located approximately 15 feet

west of the garage. Tree clearing will be visible, but no physical impacts are anticipated to extant buildings. This resource was not historically associated with agricultural pursuits, and no significant historic landscapes will be impacted.

Survey # 74 – Giglio House, 20 Skyview Drive, Mount Pleasant Township, Washington County

The proposed Project traverses the parcel via HDD bore and no visual or physical impacts are anticipated (Figure 2, Page 5).

Survey # 75 – McGregor House, 8655 Noblestown Road, Mount Pleasant Township, Washington County

The proposed Project traverses the parcel via HDD bore and no visual or physical impacts are anticipated (Figure 2, Page 5).

Survey # 76 – Mallinder House, 150 Pittsburgh Grade Road, Greene Township, Beaver County

The proposed Project traverses the parcel through open field and a wooded area that was historically cleared. The proposed pipeline enters the southern portion of the parcel in a wooded area that was historically cleared, and then proceeds north through open fields before turning to the east and exiting the property through open field. The proposed Project LOD is located approximately 45 feet south of the circa-1930 springhouse, the closest building to the proposed pipeline on the property (Figure 2, Page 22). While no buildings will be physically impacted, tree clearing within the wooded area may be visible.

Survey # 77 – Gill House, 113 Clearview Road, Raccoon Township, Beaver County

The centerline of the proposed Project does not traverse the property, but the LOD for construction will require tree clearing for approximately 95 feet at the rear of the lot, approximately 415 feet east of the dwelling (Figure 2, Page 17 and 18). The proposed alignment parallels an existing utility corridor ROW, but proposed tree clearing between the resource and the existing ROW may be visible. This resource was not historically associated with agricultural pursuits, and no significant historic landscapes will be impacted.

Survey # 78 – Vic's Van Daddy, 4264 Green Garden Road, Raccoon Township, Beaver County

The centerline of the proposed Project traverses the parcel along the western property boundary through open fields and wooded areas for approximately 1,141 feet (Figure 2, Page 25). The pipeline will be located approximately 386 feet northwest of the dwelling, the closest historical building to the proposed pipeline on the property. Tree clearing will occur at that location, but will be located atop a rise that will likely not be visible from the historical resources. This resource was not historically associated with agricultural pursuits, and no significant historic landscapes will be impacted.

Survey # 79 – US Bulk Transport, Inc., 972 Route 18, Raccoon Township, Beaver County

The centerline of the proposed Project traverses the parcel through a gravel parking lot between the circa-1956 office and the circa-1962 warehouse/shop (Figure 2, Page 25). The pipeline will cross the parcel for approximately 405 feet, and the LOD will be immediately adjacent to the circa-1956 office. No physical impacts to the historical resources on the parcel are anticipated. Visual elements introduced by the proposed Project will be temporary in nature. This resource was not historically associated with agricultural pursuits, and no significant historic landscapes will be impacted.

Survey # 80 – Rodman Residence, 4042 Patterson Road, Raccoon Township, Beaver County

The centerline of the proposed Project traverses the parcel along the eastern and northern property boundary through open fields (Figure 2, Page 26). The pipeline crosses the parcel for approximately 880 feet approximately 205 feet north of the historical residence at its closest point. No standing structures will be physically impacted, and the proposed line traverses through open field. Visual impacts will be

temporary in nature. This resource was not historically associated with agricultural pursuits, and no significant historic landscapes will be impacted.

Survey # 82 – Mitchell Residence, 122 Waite Lane, Independence Township, Beaver County

The centerline of the proposed Project traverses the parcel for approximately 985 feet through both open field and wooded areas (Figure 2, Page 26). The LOD will be immediately to the south of the circa-1945 residence, though no physical impacts are anticipated to the buildings on the property. This resource was not historically associated with agricultural pursuits, and no significant historic landscapes will be impacted.

Assessment of Effects for Resources Identified in Initial Report

An additional assessment of effects, taking into account changes in route and design, was conducted for resources identified in the initial report that were considered eligible for NRHP listing, as well as for resources (both previously recorded and newly recorded) that were not documented with HRSF because they were not affected by the initial Project route (Table 4). Further discussion is provided below in cases where the proposed Project’s route changed within resource boundaries

Table 4. Preliminary Effects Findings for NRHP-Eligible/Listed Resources from Initial Report

AECOM Resource ID/ BHP Key No.	Property Name/Address	Municipality	NRHP Status	Potential Impacts/Changes	Effect Assessment
Resources Considered Eligible from Initial Report					
Survey # 33 Key # 205329	Hoover House 103 Kavic Lane, Aliquippa, PA	Independence Twp., Beaver County	Considered Eligible under Criterion C	Slight shift of route and access road, valve site. No buildings physically impacted, no tree clearing or aboveground elements within viewshed.	No Adverse Effect
Survey # 40 Key # 205334	Reddinger House 3802 Green Garden Road, Aliquippa, PA	Raccoon Twp., Beaver County	Considered Eligible under Criterion C	Slight shift of route. No buildings physically impacted.	No Adverse Effect
Survey # 30 Key # 205326	Miller Farm 593 Bocktown Cork Road, Clinton, PA	Independence Twp., Beaver County	Considered Eligible under Criterion A and C	Line shifted to rear of property, traverses through open field and then HDD Bore through woods.	No Effect

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AECOM Resource ID/ BHP Key No.	Property Name/Address	Municipality	NRHP Status	Potential Impacts/Changes	Effect Assessment
Survey # 07 Key # 802086	George Cowden Farm 1 Hornhead Road, McDonald, PA	Mount Pleasant Twp., Washington County	Considered Eligible under Criterion A	Line extended slightly through property. Tree clearing required in non-historic tree line. Temporary workspaces added in open fields. Portion of temporary access road will traverse open field.	No Adverse Effect
Survey # 18 Key # 205318	Pershina Farmstead 1127 Beagle Club Road	Robinson Twp., Washington County	Considered Eligible under Criterion A	Resource No Longer In APE	No Effect
Survey # 22 Key # 205322	Solomon House 3386 Burgettstown Road	Findlay Twp., Allegheny County	Considered Eligible under Criterion C	Line extended through open field on property.	No Adverse Effect
Previously Recorded Resources Not Affected in Initial Report (Not Evaluated or Documented on HRSF)					
Survey # 02 Key # 100056	Westland Mine	Mount Pleasant Twp., Washington County	Insufficient Information to Evaluate	No Change in Project	No Effect

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AECOM Resource ID/ BHP Key No.	Property Name/Address	Municipality	NRHP Status	Potential Impacts/Changes	Effect Assessment
Survey # 05 Key # 097622	Montour Railroad	Mount Pleasant Twp., Washington County	Eligible	Railroad is crossed by both open cut and HDD bore. In areas of open cut, resource is now a modern gravel bike trail with no extant railroad remnants. Resource will be reconstructed to existing conditions after construction.	No Adverse Effect
Survey # 08 Key # 125887	Pittsburgh & West Virginia Railway	Mount Pleasant Twp., Washington County	Eligible	Resource still crossed via HDD bore	No Effect

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AECOM Resource ID/ BHP Key No.	Property Name/Address	Municipality	NRHP Status	Potential Impacts/Changes	Effect Assessment
Survey # 09 Key # 100053	Montour Mine #1	Mount Pleasant Twp., Washington County	Insufficient Information to Evaluate	Access Road traverses through ruins of mine within boundaries of Site 36WH1718, recommended Eligible under Criterion A and C. No foundations or mine remnants will be physically impacted. No extant aboveground resources within vicinity. Worker housing located to the northeast, outside of APE	No Adverse Effect
Survey # 15 Key # 100010	Shaw Mine	Robinson Twp., Washington County	Insufficient Information to Evaluate	No change in Project	No Effect
Survey # 13 Key # 100105	Pittsburgh & Steubenville Railroad	Robinson Twp., Washington County	Insufficient Information to Evaluate	Resource still crossed via HDD bore	No Effect
Identified Resources Not Affected in Initial Report (Not Documented on HRSF)					
Survey # 19	Imperial Hoist Company 8281 Steubenville Pike, Oakdale, PA	Findlay Twp., Allegheny County	Recommended Not Eligible	No Longer in APE	No Effect
Survey # 20	Reese House 8284 Steubenville Pike, McDonald, PA	Findlay Twp., Allegheny County	Recommended Not Eligible	No Longer in APE	No Effect

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AECOM Resource ID/ BHP Key No.	Property Name/Address	Municipality	NRHP Status	Potential Impacts/Changes	Effect Assessment
Survey # 23	Cerciello Property 165 Point Park Road, Imperial, PA	Findlay Twp., Allegheny County	No Recommendation	No Longer in APE	No Effect
Survey # 26	Wilson House 175 Moody Road, Imperial, PA	Findlay Twp., Allegheny County	Recommended Not Eligible	No Change in Project	No Effect
Survey # 37	Jones House 205 Davis Road, Aliquippa, PA	Raccoon Twp., Beaver County	Recommended Not Eligible	No Change in Project	No Effect
Survey # 39	Adams House 191 Clearview Road, Aliquippa, PA	Raccoon Twp., Beaver County	Recommended Not Eligible	No Change in Project	No Effect
Survey # 44	Hookstown Fair Ground 1198 Main Street, Hookstown, PA	Greene Twp., Beaver County	Recommended Not Eligible	No Change in Project – Resource will be traversed via HDD bore	No Effect
Survey # 45	Narry House 1160 Main Street, Hookstown, PA	Greene Twp., Beaver County	Recommended Not Eligible	No Change in Project	No Effect
Survey # 53	Corner Scoop 124 Shippingport Road, Aliquippa, PA	Raccoon Twp., Beaver County	Recommended Not Eligible	No Longer in APE	No Effect
Survey # 54	Mann & Kronk House 912 Frankfort Road, Aliquippa, PA	Raccoon Twp., Beaver County	Recommended Not Eligible	No Longer in APE	No Effect
Survey # 56	Wilkins House 4034 Patterson Road, Aliquippa, PA	Raccoon Twp., Beaver County	Recommended Not Eligible	No Longer in APE	No Effect

Survey # 33, Key # 205329, Hoover House, 103 Kavic Lane, Independence Township, Beaver County

The Hoover House is a circa-1840 dwelling with a circa-1890 addition that was determined potentially eligible for NRHP listing under Criterion C as part of the initial study. The route has been shifted through the parcel approximately 160 feet west, away from the dwelling (Figure 2, Page 15). The proposed route still traverses through open field and exits the property to the north via HDD bore. The temporary access road has been extended through open field on the property, and a valve site and access road is now proposed on the parcel, approximately 645 feet west of the dwelling. Due to topography and existing vegetation, it is unlikely that the valve site and access road will be visible from the dwelling. Therefore, AECOM recommends that the proposed Project will result in No Adverse Effect to the Hoover House.

Survey # 40, Key # 205334, Reddinger House, 3802 Green Garden Road, Raccoon Township, Beaver County

The Reddinger House is a circa-1914 dwelling that was determined potentially eligible for NRHP listing under Criterion C as part of the initial study. The route has been shifted approximately 280 feet to the west in the southern portion of the parcel. The line proceeds north where it parallels an existing utility ROW corridor, as it did in the initial study (Figure 2, Page 18). Tree clearing in the southern portion of the property may be visibly, but no impacts are proposed to standing structures or elements contributing to the resource's significance. Therefore, AECOM recommends that the proposed Project will result in No Adverse Effect to the Reddinger House.

Survey # 30, Key # 205326, Miller Farm, 593 Bocktown Cork Road, Independence Township, Beaver County

The Miller Farm is an early-twentieth century farm and farmstead that was determined potentially eligible for NRHP listing under Criteria A and C as part of the initial study. The initial route of the pipeline traversed north/south through the center of the property, crossing open field and historic woodlot. The updated route has been shifted to the eastern property boundary, traversing through open field and then exiting the property via HDD bore (Figure 2, Page 12). The historic woodlot will no longer be impacted, nor will any other historic landscape elements. Therefore, AECOM recommends that the proposed Project will result in No Effect to the Miller Farm.

Survey # 07, Key # 802086, George Cowden Farm, 1 Hornhead Road, Mount Pleasant Township, Washington County

The George Cowden Farm is a mid-nineteenth century farm that was determined potentially eligible for NRHP listing under Criterion A as part of the initial study. The updated pipeline alignment follows the same route as the initial alignment, but has been extended through the property for approximately 645 feet through open field, and bisects perpendicularly a non-historic tree line in the northern portion of the parcel (Figure 2, Page 3). In addition, three temporary workspaces and a temporary access road are now proposed within the property. The temporary work spaces are located within open fields, and the proposed access road traverses through woods on the neighboring parcel and enters the George Cowden Farm at the edge of the woods. No standing structures or historic landscape elements will be impacted by the proposed Project. Therefore, AECOM recommends that the proposed Project will result in No Adverse Effect to the George Cowden Farm.

Survey # 22, Key # 205322, Solomon House, 3386 Burgettstown Road, Findlay Township, Allegheny County

The Solomon House is a circa-1890 dwelling that was determined potentially eligible for NRHP listing under Criterion C as part of the initial study. The updated pipeline alignment follows the same route as the initial alignment except for an extension through the property for approximately 720 feet through open field in the northeast portion of the parcel (Figure 2, Page 10). At its closest point, the

proposed Project is located approximately 900 feet southeast of the dwelling. No physical impacts to the dwelling are proposed, and tree-clearing will likely not be visible from the resource. AECOM recommends that the proposed Project will result in No Adverse Effect to the Solomon House.

Survey # 05, Key # 097622, Montour Railroad, Mount Pleasant Township, Washington County

The Montour Railroad is an early-twentieth century railroad that has previously been determined eligible for NRHP listing by the PA SHPO. The initial alignment crossed the resource in Washington County five times via HDD bore. The updated APE crosses the resource five times in Washington County, and parallels a section for approximately 410 feet (Figure 2, Pages 3, 4, 5, 7, 8, and 9). Three of the crossings will be via HDD bore and two will be via open cut. In the areas where the resource is crossed via open cut and paralleled by the proposed Project, the resource consists of a modified gravel bike and hiking path. No elements of the former railroad, such as ties, rails, or associated signage, are extant. The open cuts will be temporary in nature, and the resource will be reconstructed to existing conditions after pipeline construction. Therefore, AECOM recommends that the proposed Project will not result in an adverse condition to the resource.

Survey # 09, Key # 100053, Montour Mine #1, Site 36WH1718, Mount Pleasant Township, Washington County

The Montour Mine #1 (Key # 100053) is mapped in CRGIS approximately 1,850 feet northeast of the proposed Project, and had an “insufficient information to evaluate” NRHP status. During field survey, AECOM archaeologists discovered foundation remnants of possible mining structures within the vicinity of the initial study area (Site 36WH1718), and recommended them eligible as an archaeological site under Criteria A and D. No extant aboveground structures or mining elements were identified within the vicinity, although the remnant foundations were identified in the historic architectural report as Survey # 09. The site was crossed by the proposed Project via HDD bore, and no impacts to the resource were anticipated. While the site is still crossed via HDD bore, a proposed temporary access road is now located within the boundaries of Site 36WH1718 (Figure 2, Page 4). However, no foundations or mine remnants will be physically impacted, and AECOM recommends No Adverse Effect is introduced to the resource. More information concerning Site 36WH1718 is provided in the archaeological addendum submitted under separate cover.

Conclusions and Recommendations

AECOM conducted additional field survey between December 2016 and May 2017 to identify and document historic aboveground resources located within the updated Project APE. AECOM identified 26 additional resources (Survey # 57-82) located within the updated APE (Figure 2) that were not identified in the initial August 2016 report. Of these resources, six have been previously recorded. Of the previously recorded resources, two have been determined eligible for the NRHP by the PA SHPO (104720 and 115043), three have been determined not eligible for the NRHP by the PA SHPO (115052, 202512, and 200970), and one has insufficient information to be evaluated (802238). The 20 remaining resources are newly recorded and are recommended not eligible for the NRHP due to a lack of historic integrity and/or significance. The previously recorded resource that had insufficient information to evaluate (802238) is recommended not eligible for the NRHP.

In addition, preliminary assessment of effects were conducted for newly identified resources, as well as resources identified in the initial survey that were either determined potentially eligible, or that were not affected by the initial Project route.

AECOM recommends that the newly identified resources presented in this addendum are not eligible for NRHP listing due to a lack of historic integrity and/or significance, and that the proposed Project, as

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presented, will not affect historic properties. If Project design plans change, further cultural resources investigations may be warranted.

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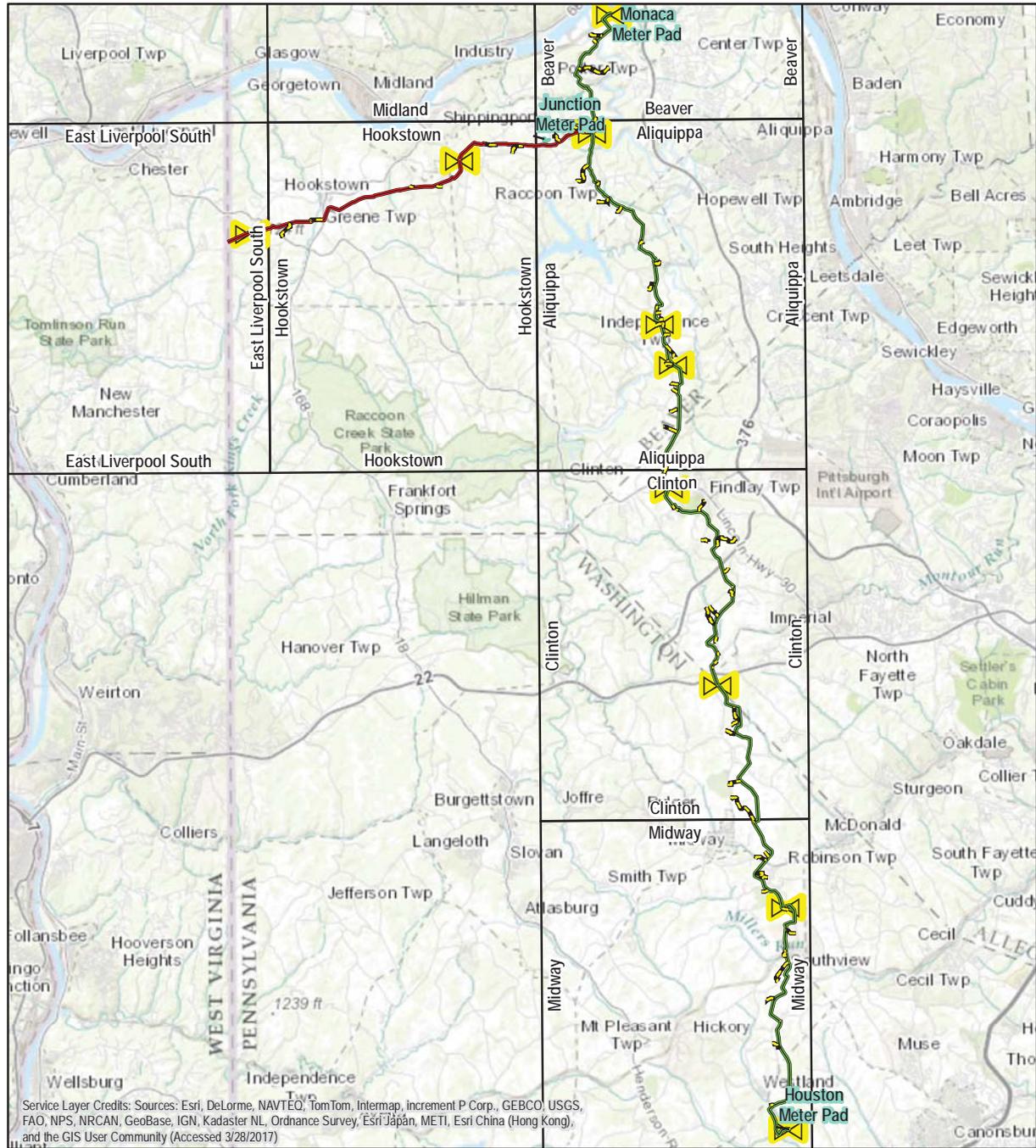
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Washington, Allegheny, and Beaver Counties, Pennsylvania

ATTACHMENT 1: FIGURES



Service Layer Credits: Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), and the GIS User Community (Accessed 3/28/2017)

AECOM
 FOSTER PLAZA 6
 681 ANDERSEN DRIVE
 4TH FLOOR
 PITTSBURGH, PA 15220
 412-503-4700

SHELL PIPELINE COMPANY, LP
 FALCON ETHANE PIPELINE PROJECT
 ADDENDUM 1

Project Features		Other Project Features	
Proposed Centerline	Houston to Monaca	Proposed Access Road	Meter Stations
Scio to Monaca	Valves		



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT

Figure 1

DRAWN BY: NMS
 APPROVED BY: ---

DATE: 3/28/2017
 PROJECT #: 60487539

**SHELL PIPELINE COMPANY, LP
 FALCON ETHANE PIPELINE PROJECT
 ADDENDUM 1**

Above-Ground Resource Locations

- LEGEND**
- Limit of Disturbance
 - Proposed Access Road
 - Meter Stations
 - Valves
 - Proposed Centerline with Mileposts**
 - Scio to Monaca
 - Houston to Monaca
 - Above-Ground Resources**
 - On-alignment (Addendum 03/2017)
 - Off-alignment (Addendum 03/2017)
 - On-alignment (Reported 08/2016)
 - Off-alignment (Reported 08/2016)
 - On-alignment (Addendum 03/2017)
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 - Map Features**
 - Map page overlap
 - State Boundary



Figure 2

Page 1

Project Location:

COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 05/22/2017 alignment.

DRAWN BY: NMS DATE: 5/31/2017
 APPROVED BY: --- PROJECT #: 60487539

0 200 400 800 Feet

0 50 100 200 Meters

1 in = 1,000 ft

Above-Ground Resource Locations

LEGEND

- Limit of Disturbance
- Proposed Access Road
- Meter Stations
- Valves

Proposed Centerline with Mileposts

- Scio to Monaca
- Houston to Monaca

Above-Ground Resources

- On-alignment (Addendum 03/2017)
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Map Features

- Map page overlap
- State Boundary

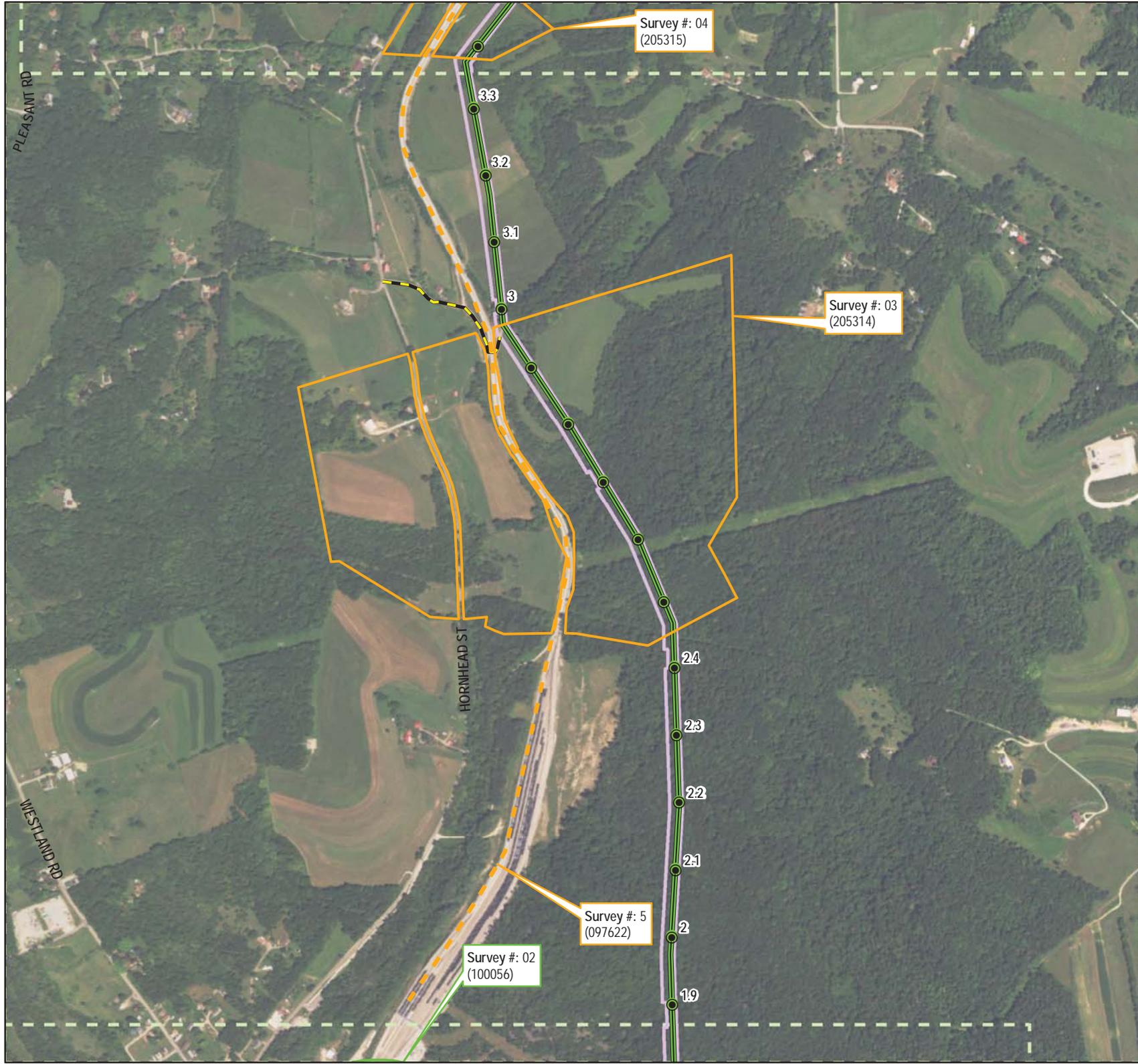


Figure 2

Page 2

Project Location:

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 All data current to 05/22/2017 alignment.

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1 in = 1,000 ft

Above-Ground Resource Locations

LEGEND

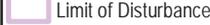
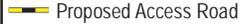
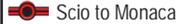
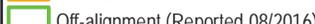
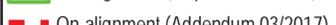
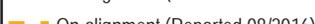
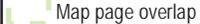
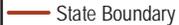
-  Limit of Disturbance
-  Proposed Access Road
-  Meter Stations
-  Valves
- Proposed Centerline with Mileposts**
-  Scio to Monaca
-  Houston to Monaca
- Above-Ground Resources**
-  On-alignment (Addendum 03/2017)
-  Off-alignment (Addendum 03/2017)
-  On-alignment (Reported 08/2016)
-  Off-alignment (Reported 08/2016)
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- Map Features**
-  Map page overlap
-  State Boundary



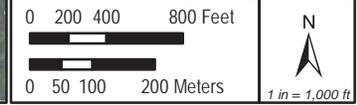
Figure 2

Project Location:



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 All data current to 05/22/2017 alignment.

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Above-Ground Resource Locations

LEGEND

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- Valves

Proposed Centerline with Mileposts

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Above-Ground Resources

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Figure 2

Page 4

Project Location:

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0 50 100 200 Meters

1 in = 1,000 ft

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 FALCON ETHANE PIPELINE PROJECT
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Above-Ground Resource Locations

LEGEND

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Figure 2

Page 5

Project Location:

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1 in = 1,000 ft

**SHELL PIPELINE COMPANY, LP
 FALCON ETHANE PIPELINE PROJECT
 ADDENDUM 1**

Above-Ground Resource Locations

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Figure 2

Page 6

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1 in = 1,000 ft

**SHELL PIPELINE COMPANY, LP
 FALCON ETHANE PIPELINE PROJECT
 ADDENDUM 1**

Above-Ground Resource Locations

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Figure 2

Page 7

Project Location:

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Above-Ground Resource Locations

LEGEND

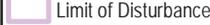
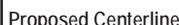
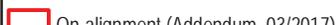
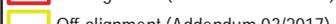
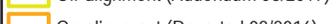
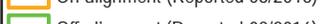
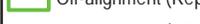
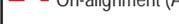
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-  State Boundary



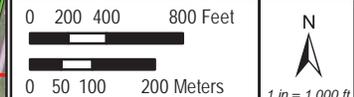
Figure 2

Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 05/22/2017 alignment.

DRAWN BY: NMS DATE: 5/31/2017
 APPROVED BY: --- PROJECT #: 60487539



**SHELL PIPELINE COMPANY, LP
 FALCON ETHANE PIPELINE PROJECT
 ADDENDUM 1**

Above-Ground Resource Locations

- LEGEND**
- Limit of Disturbance
 - Proposed Access Road
 - Meter Stations
 - Valves
- Proposed Centerline with Mileposts**
- Scio to Monaca
 - Houston to Monaca
- Above-Ground Resources**
- On-alignment (Addendum 03/2017)
 - Off-alignment (Addendum 03/2017)
 - On-alignment (Reported 08/2016)
 - Off-alignment (Reported 08/2016)
 - On-alignment (Addendum 03/2017)
 - On-alignment (Reported 08/2016)
- Map Features**
- Map page overlap
 - State Boundary

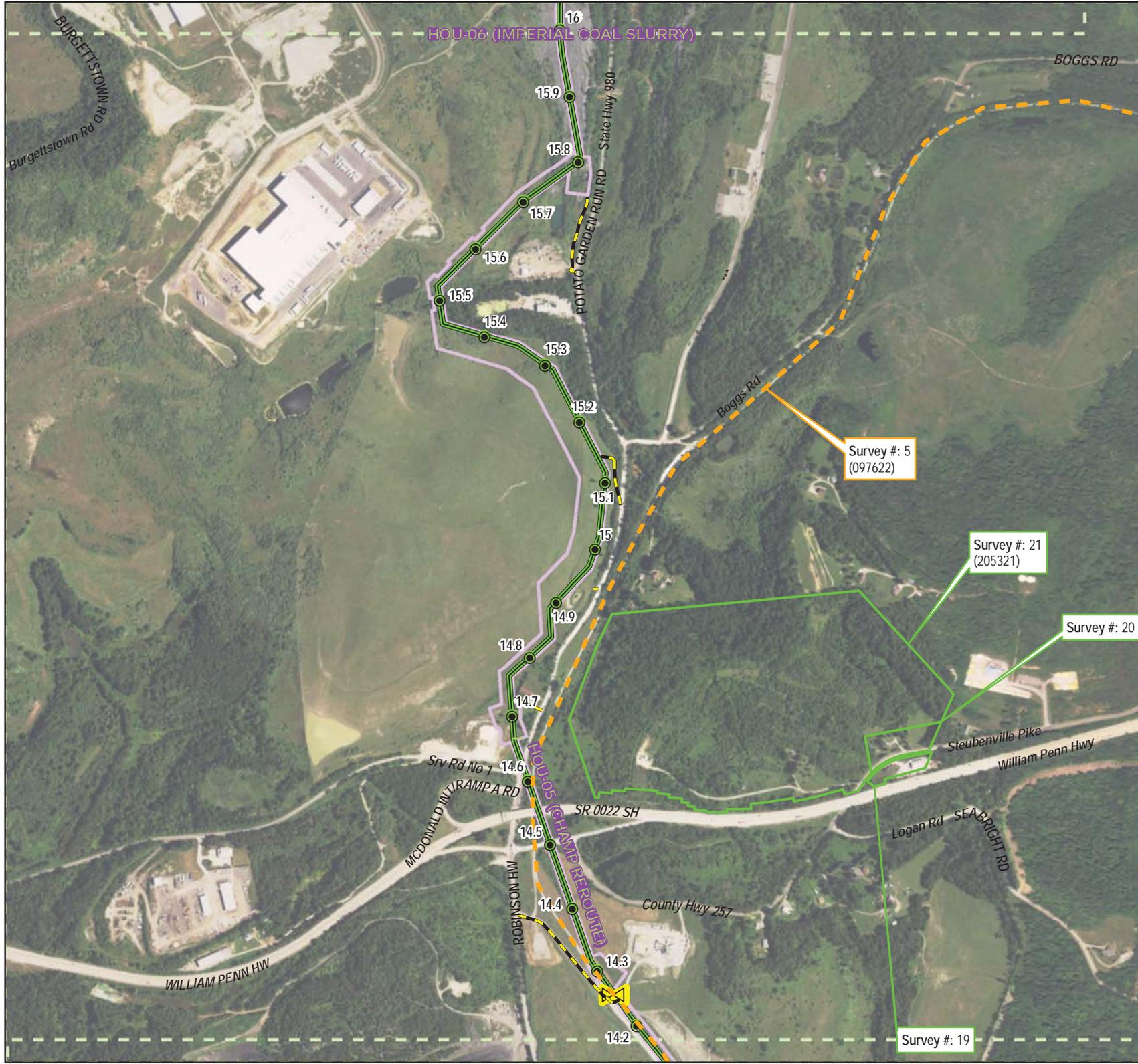


Figure 2

Page 9

Project Location:

COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 05/22/2017 alignment.

DRAWN BY: NMS DATE: 5/31/2017
 APPROVED BY: --- PROJECT #: 60487539

0 200 400 800 Feet

0 50 100 200 Meters

1 in = 1,000 ft

**SHELL PIPELINE COMPANY, LP
 FALCON ETHANE PIPELINE PROJECT
 ADDENDUM 1**

Above-Ground Resource Locations

LEGEND

- Limit of Disturbance
- Proposed Access Road
- Meter Stations
- Valves

Proposed Centerline with Mileposts

- Scio to Monaca
- Houston to Monaca

Above-Ground Resources

- On-alignment (Addendum 03/2017)
- Off-alignment (Addendum 03/2017)
- On-alignment (Reported 08/2016)
- Off-alignment (Reported 08/2016)
- On-alignment (Addendum 03/2017)
- On-alignment (Reported 08/2016)

Map Features

- Map page overlap
- State Boundary



Figure 2

Page 10

Project Location:

COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 05/22/2017 alignment.

DRAWN BY: NMS DATE: 5/31/2017
 APPROVED BY: --- PROJECT #: 60487539

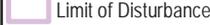
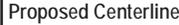
0 200 400 800 Feet

0 50 100 200 Meters

1 in = 1,000 ft

Above-Ground Resource Locations

LEGEND

-  Limit of Disturbance
-  Proposed Access Road
-  Meter Stations
-  Valves
- Proposed Centerline with Mileposts**
-  Scio to Monaca
-  Houston to Monaca
- Above-Ground Resources**
-  On-alignment (Addendum 03/2017)
-  Off-alignment (Addendum 03/2017)
-  On-alignment (Reported 08/2016)
-  Off-alignment (Reported 08/2016)
-  On-alignment (Addendum 03/2017)
-  On-alignment (Reported 08/2016)
- Map Features**
-  Map page overlap
-  State Boundary

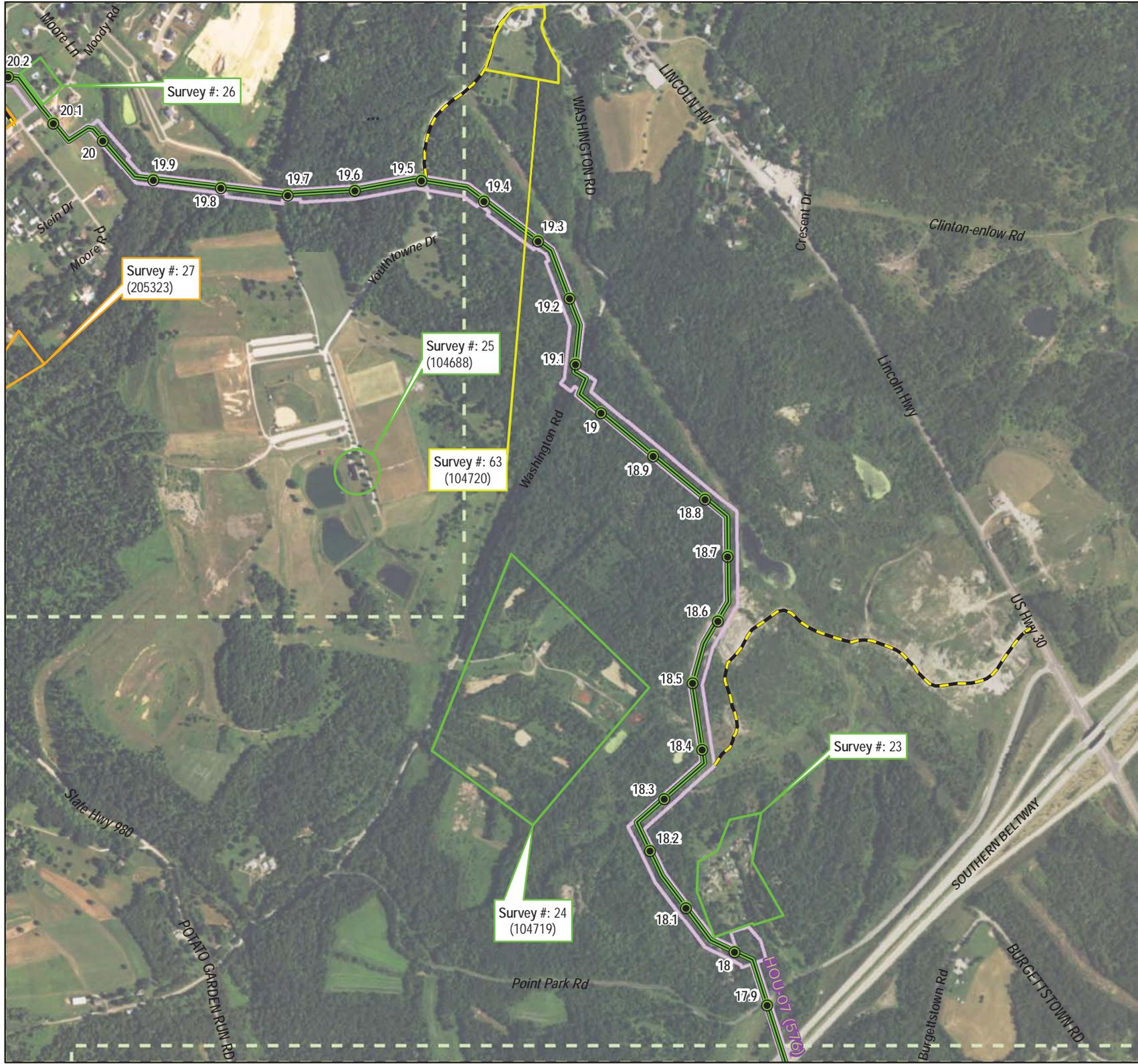


Figure 2

Page 11

Project Location:

COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 05/22/2017 alignment.

DRAWN BY: NMS DATE: 5/31/2017
 APPROVED BY: --- PROJECT #: 60487539

0 200 400 800 Feet

0 50 100 200 Meters

1 in = 1,000 ft

Above-Ground Resource Locations

LEGEND

-  Limit of Disturbance
-  Proposed Access Road
-  Meter Stations
-  Valves
- Proposed Centerline with Mileposts**
-  Scio to Monaca
-  Houston to Monaca
- Above-Ground Resources**
-  On-alignment (Addendum 03/2017)
-  Off-alignment (Addendum 03/2017)
-  On-alignment (Reported 08/2016)
-  Off-alignment (Reported 08/2016)
-  On-alignment (Addendum 03/2017)
-  On-alignment (Reported 08/2016)
- Map Features**
-  Map page overlap
-  State Boundary



<p>Figure 2</p> <p>Page 12</p>	<p>Project Location:</p> 
--------------------------------	-----------------------------------------------------------------------------------------------------------------------

COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 05/22/2017 alignment.

DRAWN BY: NMS DATE: 5/31/2017
 APPROVED BY: --- PROJECT #: 60487539

<p>0 200 400 800 Feet</p> 	<p>N</p> 
<p>0 50 100 200 Meters</p> 	<p>1 in = 1,000 ft</p>

**SHELL PIPELINE COMPANY, LP
 FALCON ETHANE PIPELINE PROJECT
 ADDENDUM 1**

Above-Ground Resource Locations

LEGEND

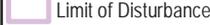
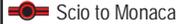
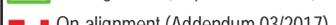
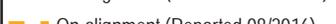
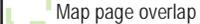
-  Limit of Disturbance
-  Proposed Access Road
-  Meter Stations
-  Valves
- Proposed Centerline with Mileposts**
-  Scio to Monaca
-  Houston to Monaca
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-  On-alignment (Addendum 03/2017)
-  Off-alignment (Addendum 03/2017)
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-  Off-alignment (Reported 08/2016)
-  On-alignment (Addendum 03/2017)
-  On-alignment (Reported 08/2016)
- Map Features**
-  Map page overlap
-  State Boundary



Figure 2

Page 13

Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 05/22/2017 alignment.

DRAWN BY: NMS DATE: 5/31/2017
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0 200 400 800 Feet



0 50 100 200 Meters



1 in = 1,000 ft



**SHELL PIPELINE COMPANY, LP
 FALCON ETHANE PIPELINE PROJECT
 ADDENDUM 1**

Above-Ground Resource Locations

LEGEND

- Limit of Disturbance
- Proposed Access Road
- Meter Stations
- Valves
- Proposed Centerline with Mileposts**
 - Scio to Monaca
 - Houston to Monaca
- Above-Ground Resources**
 - On-alignment (Addendum 03/2017)
 - Off-alignment (Addendum 03/2017)
 - On-alignment (Reported 08/2016)
 - Off-alignment (Reported 08/2016)
 - On-alignment (Addendum 03/2017)
 - On-alignment (Reported 08/2016)
- Map Features**
 - Map page overlap
 - State Boundary



Figure 2

Page 14

Project Location:

COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 05/22/2017 alignment.

DRAWN BY: NMS DATE: 5/31/2017
 APPROVED BY: --- PROJECT #: 60487539

0 200 400 800 Feet

0 50 100 200 Meters

1 in = 1,000 ft

Above-Ground Resource Locations

LEGEND

- Limit of Disturbance
- Proposed Access Road
- Meter Stations
- Valves

Proposed Centerline with Mileposts

- Scio to Monaca
- Houston to Monaca

Above-Ground Resources

- On-alignment (Addendum 03/2017)
- Off-alignment (Addendum 03/2017)
- On-alignment (Reported 08/2016)
- Off-alignment (Reported 08/2016)
- On-alignment (Addendum 03/2017)
- On-alignment (Reported 08/2016)

Map Features

- Map page overlap
- State Boundary

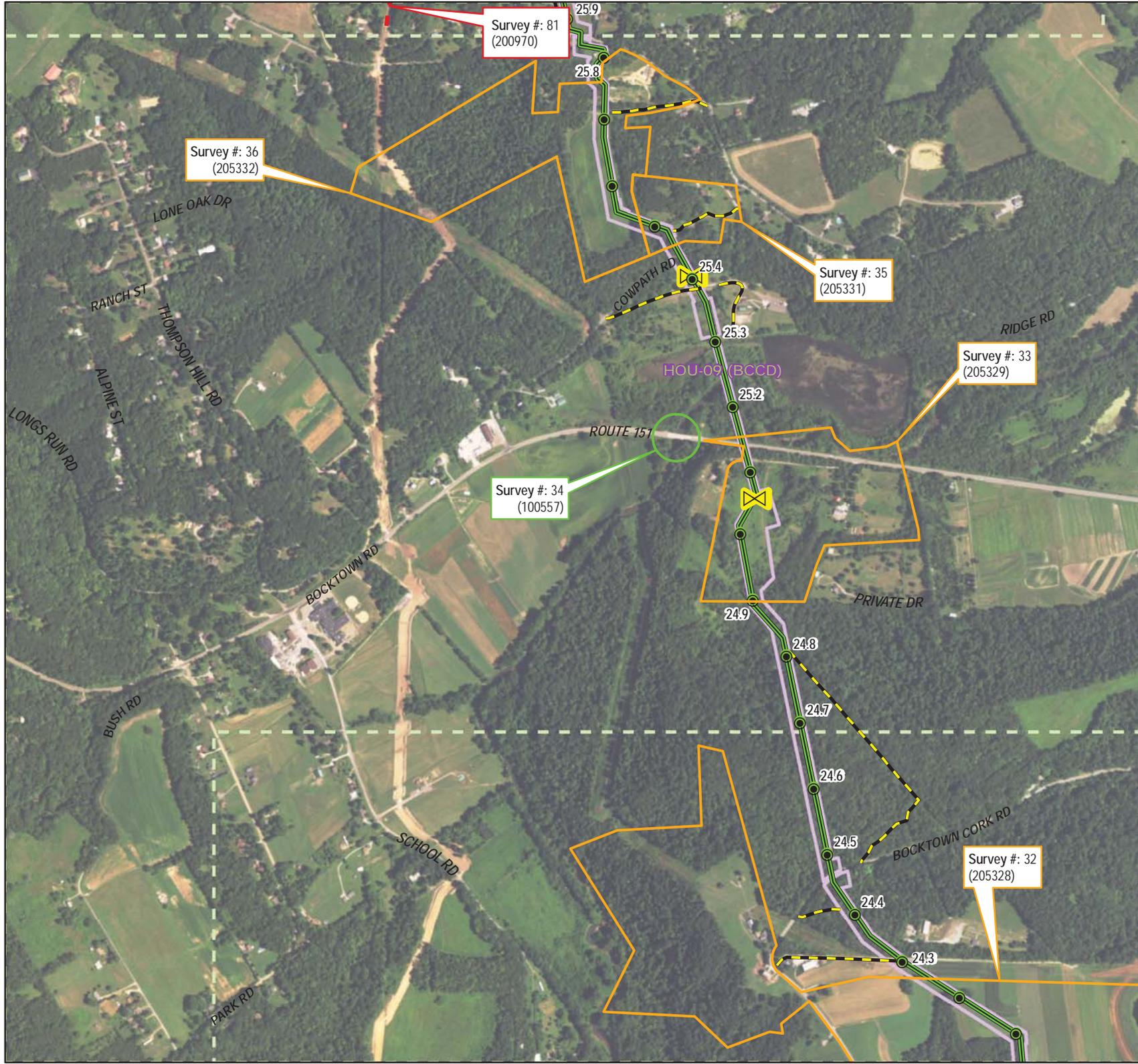


Figure 2

Page 15

Project Location:

COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 05/22/2017 alignment.

DRAWN BY: NMS DATE: 5/31/2017
 APPROVED BY: --- PROJECT #: 60487539

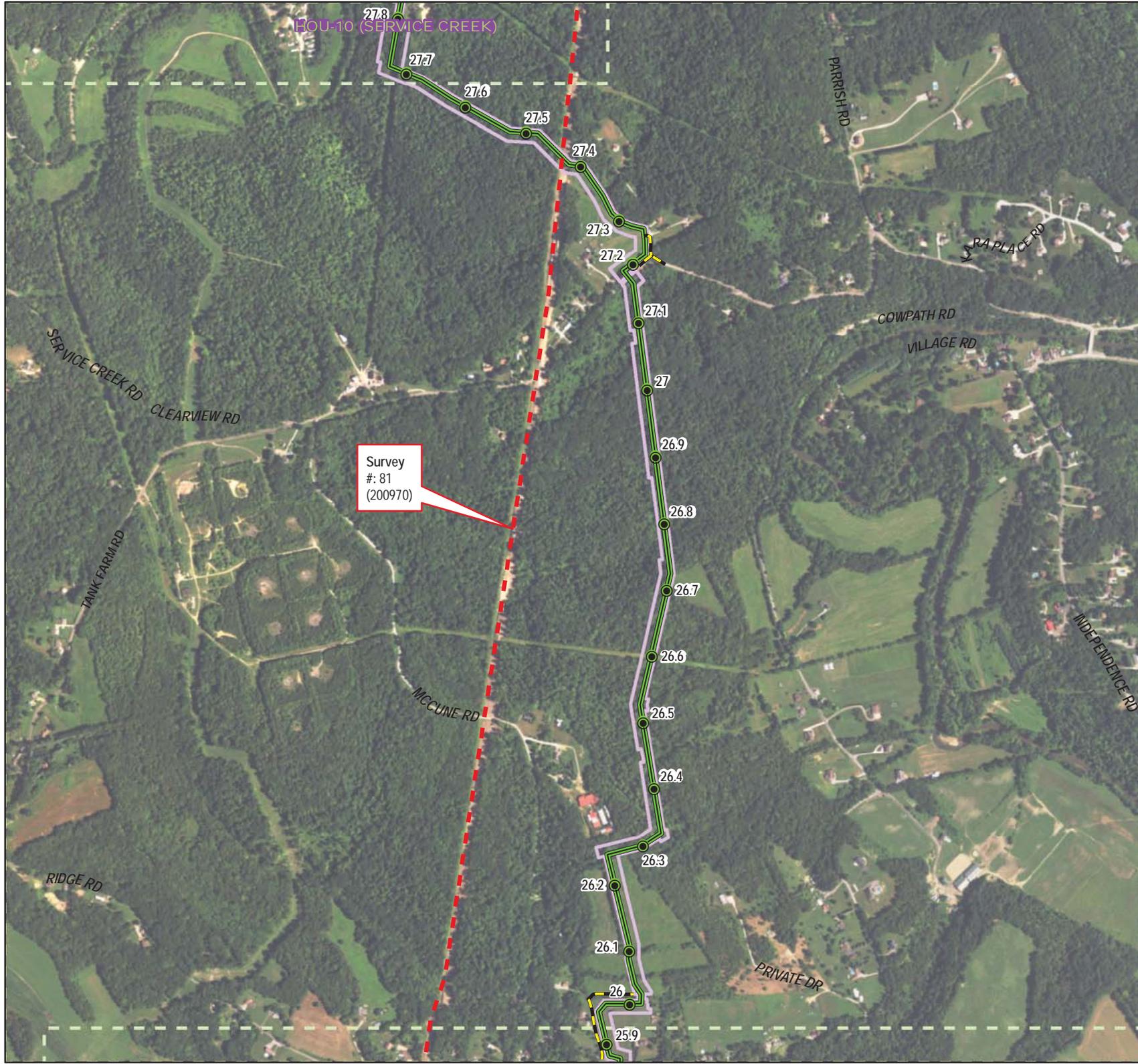
0 200 400 800 Feet

0 50 100 200 Meters

1 in = 1,000 ft

Above-Ground Resource Locations

- LEGEND**
- Limit of Disturbance
 - Proposed Access Road
 - Meter Stations
 - Valves
 - Proposed Centerline with Mileposts**
 - Scio to Monaca
 - Houston to Monaca
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 - On-alignment (Addendum 03/2017)
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 - Off-alignment (Reported 08/2016)
 - On-alignment (Addendum 03/2017)
 - On-alignment (Reported 08/2016)
 - Map Features**
 - Map page overlap
 - State Boundary



Survey
 #: 81
 (200970)

Figure 2	Project Location:
Page 16	

COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 05/22/2017 alignment.

DRAWN BY: NMS DATE: 5/31/2017
 APPROVED BY: --- PROJECT #: 60487539

0 200 400 800 Feet	
0 50 100 200 Meters	
1 in = 1,000 ft	

Above-Ground Resource Locations

LEGEND

- Limit of Disturbance
- Proposed Access Road
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- Valves
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- Off-alignment (Addendum 03/2017)
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- Off-alignment (Reported 08/2016)
- On-alignment (Addendum 03/2017)
- On-alignment (Reported 08/2016)
- Map Features**
- Map page overlap
- State Boundary



Figure 2

Page 17

Project Location:

COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 05/22/2017 alignment.

DRAWN BY: NMS DATE: 5/31/2017
 APPROVED BY: --- PROJECT #: 60487539

0 200 400 800 Feet

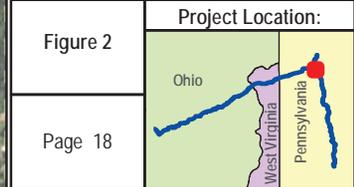
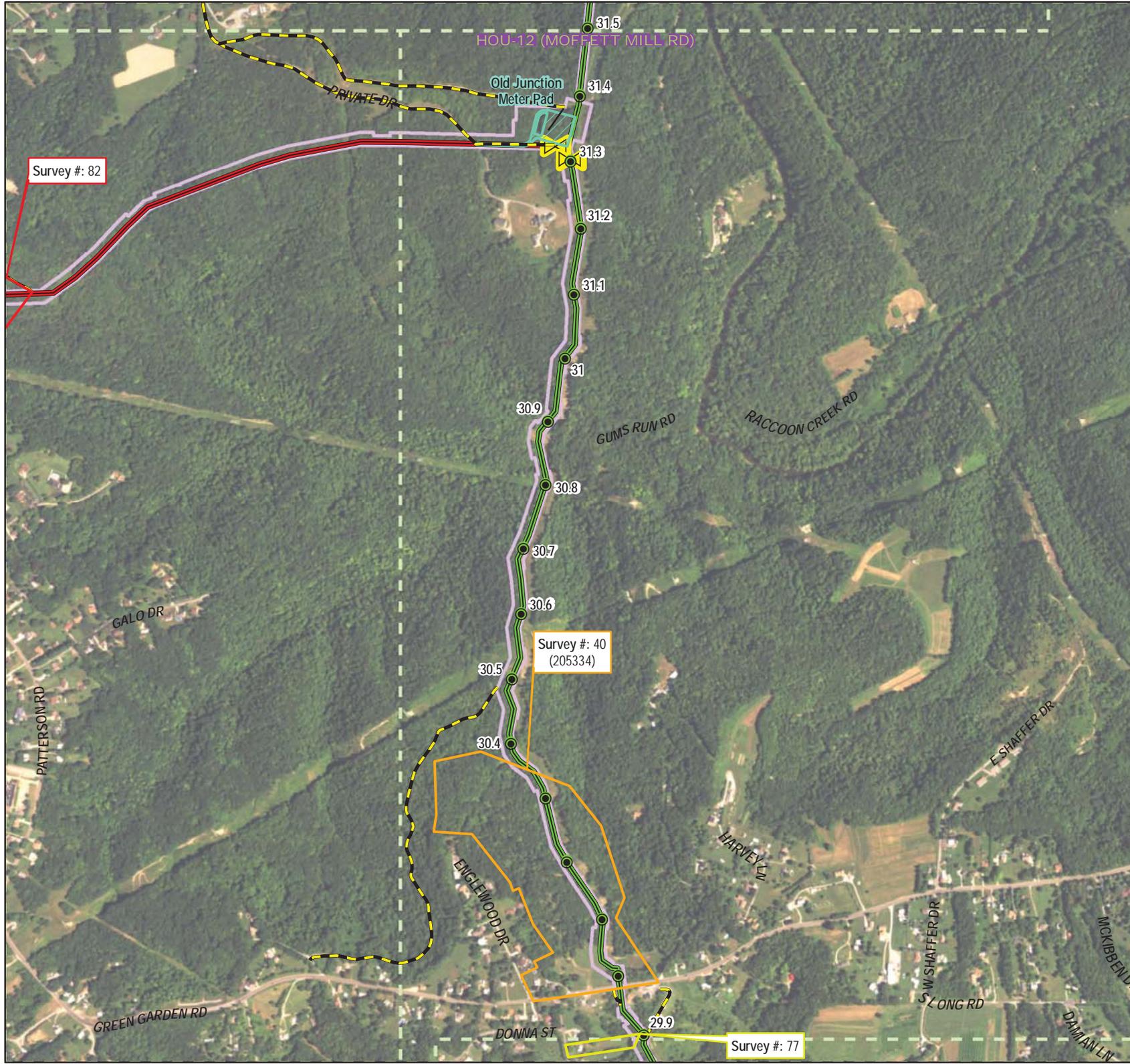
0 50 100 200 Meters

1 in = 1,000 ft

Survey # 81 (200970)

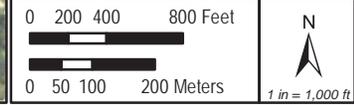
Above-Ground Resource Locations

- LEGEND**
- Limit of Disturbance
 - Proposed Access Road
 - Meter Stations
 - Valves
 - Proposed Centerline with Mileposts**
 - Scio to Monaca
 - Houston to Monaca
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 - Off-alignment (Reported 08/2016)
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 - On-alignment (Reported 08/2016)
 - Map Features**
 - Map page overlap
 - State Boundary



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 05/22/2017 alignment.

DRAWN BY: NMS DATE: 5/31/2017
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Above-Ground Resource Locations

LEGEND

-  Limit of Disturbance
-  Proposed Access Road
-  Meter Stations
-  Valves
- Proposed Centerline with Mileposts**
-  Scio to Monaca
-  Houston to Monaca
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-  Off-alignment (Reported 08/2016)
-  On-alignment (Addendum 03/2017)
-  On-alignment (Reported 08/2016)
- Map Features**
-  Map page overlap
-  State Boundary

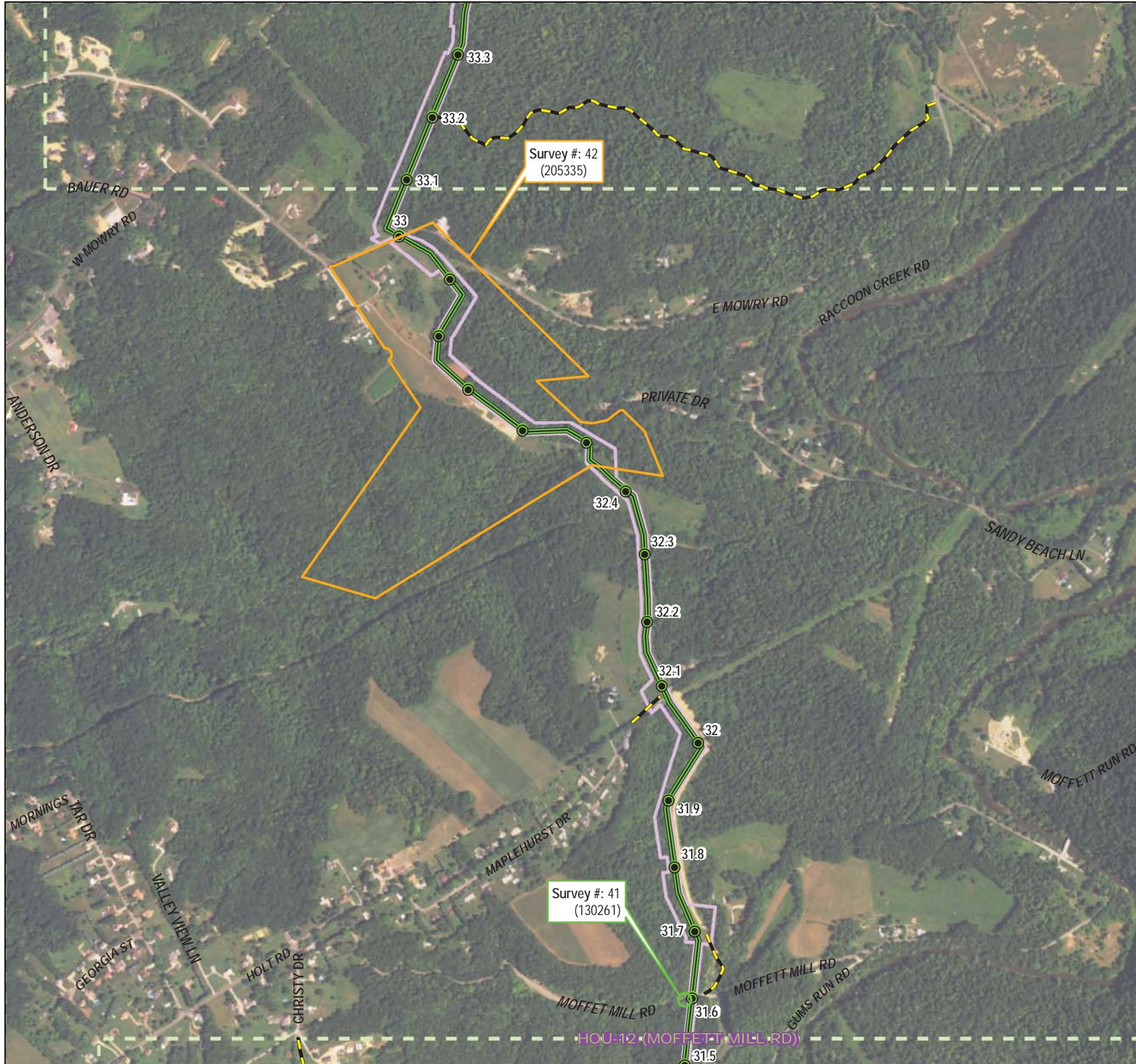


Figure 2	Project Location:
	
Page 19	

COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 05/22/2017 alignment.

DRAWN BY: NMS DATE: 5/31/2017
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0 200 400 800 Feet	
0 50 100 200 Meters	
1 in = 1,000 ft	

Above-Ground Resource Locations

LEGEND

-  Limit of Disturbance
-  Proposed Access Road
-  Meter Stations
-  Valves
- Proposed Centerline with Mileposts**
-  Scio to Monaca
-  Houston to Monaca
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-  On-alignment (Addendum 03/2017)
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-  On-alignment (Reported 08/2016)
-  Off-alignment (Reported 08/2016)
-  On-alignment (Addendum 03/2017)
-  On-alignment (Reported 08/2016)
- Map Features**
-  Map page overlap
-  State Boundary



Figure 2

Page 20

Project Location:

COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 05/22/2017 alignment.

DRAWN BY: NMS DATE: 5/31/2017
 APPROVED BY: --- PROJECT #: 60487539

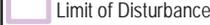
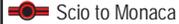
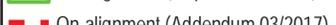
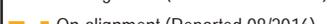
0 200 400 800 Feet

0 50 100 200 Meters

1 in = 1,000 ft

Above-Ground Resource Locations

LEGEND

-  Limit of Disturbance
-  Proposed Access Road
-  Meter Stations
-  Valves
- Proposed Centerline with Mileposts**
-  Scio to Monaca
-  Houston to Monaca
- Above-Ground Resources**
-  On-alignment (Addendum 03/2017)
-  Off-alignment (Addendum 03/2017)
-  On-alignment (Reported 08/2016)
-  Off-alignment (Reported 08/2016)
-  On-alignment (Addendum 03/2017)
-  On-alignment (Reported 08/2016)
- Map Features**
-  Map page overlap
-  State Boundary

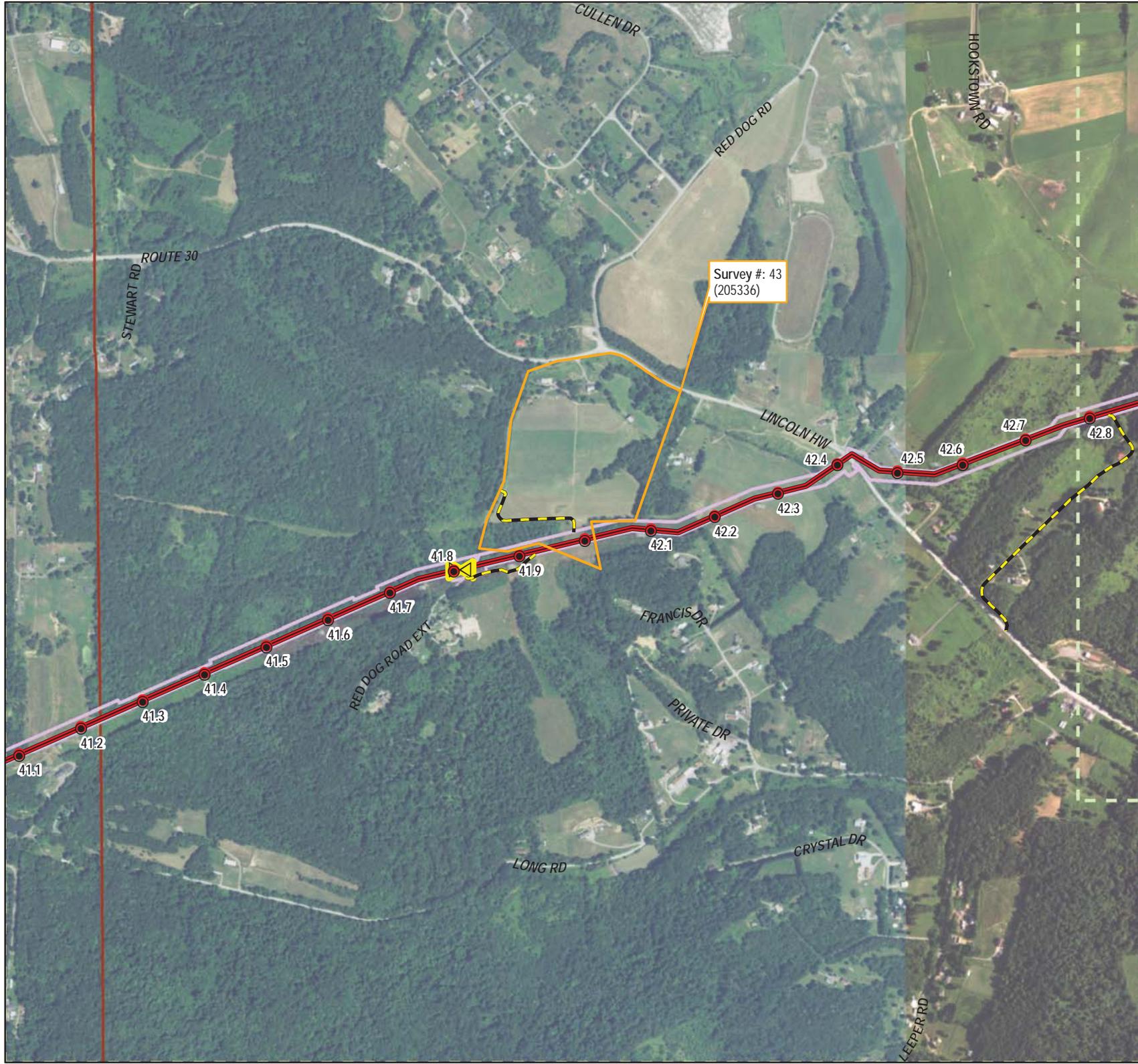


Figure 2

Page 21

Project Location:

COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
All data current to 05/22/2017 alignment.

DRAWN BY: NMS DATE: 5/31/2017
APPROVED BY: --- PROJECT #: 60487539

0 200 400 800 Feet

0 50 100 200 Meters

1 in = 1,000 ft

**SHELL PIPELINE COMPANY, LP
 FALCON ETHANE PIPELINE PROJECT
 ADDENDUM 1**

Above-Ground Resource Locations

LEGEND

- Limit of Disturbance
- Proposed Access Road
- Meter Stations
- Valves
- Proposed Centerline with Mileposts**
 - Scio to Monaca
 - Houston to Monaca
- Above-Ground Resources**
 - On-alignment (Addendum 03/2017)
 - Off-alignment (Addendum 03/2017)
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- Map Features**
 - Map page overlap
 - State Boundary

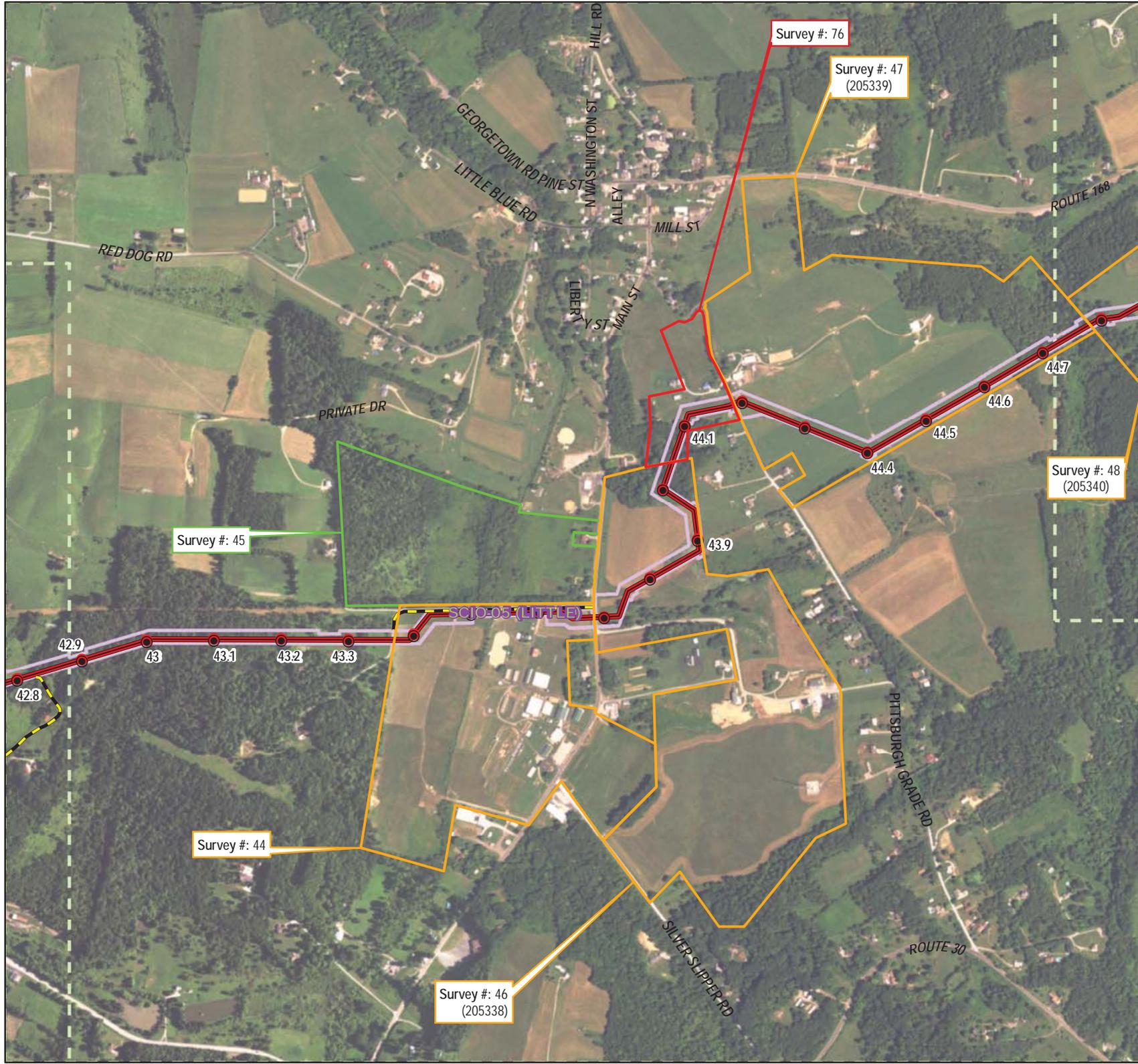


Figure 2

Page 22

Project Location:

COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 05/22/2017 alignment.

DRAWN BY: NMS DATE: 5/31/2017
 APPROVED BY: --- PROJECT #: 60487539

0 200 400 800 Feet

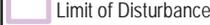
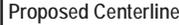
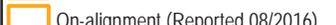
0 50 100 200 Meters

1 in = 1,000 ft

**SHELL PIPELINE COMPANY, LP
 FALCON ETHANE PIPELINE PROJECT
 ADDENDUM 1**

Above-Ground Resource Locations

LEGEND

-  Limit of Disturbance
-  Proposed Access Road
-  Meter Stations
-  Valves
- Proposed Centerline with Mileposts**
-  Scio to Monaca
-  Houston to Monaca
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-  Off-alignment (Addendum 03/2017)
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-  Off-alignment (Reported 08/2016)
-  On-alignment (Addendum 03/2017)
-  On-alignment (Reported 08/2016)
- Map Features**
-  Map page overlap
-  State Boundary

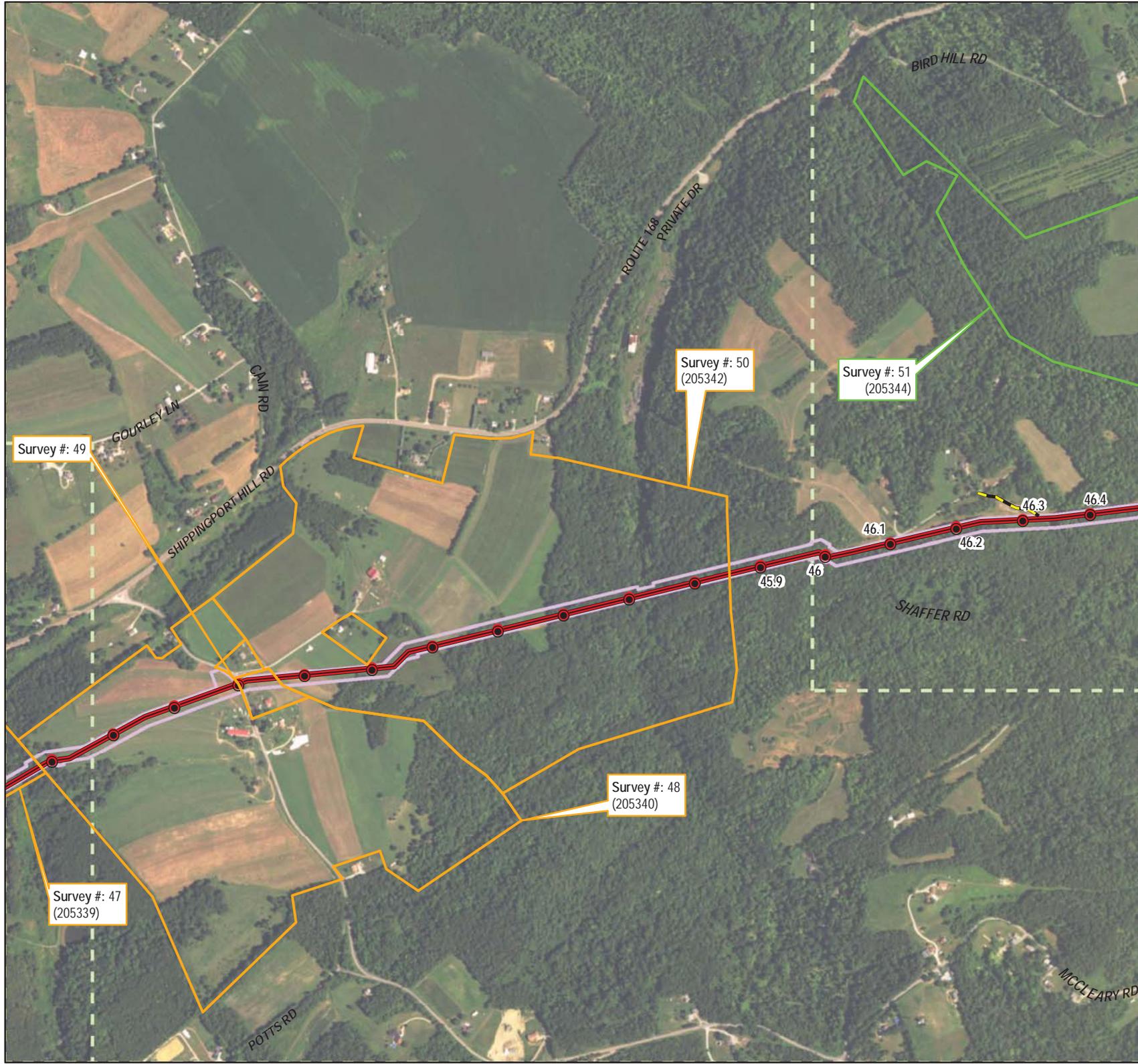


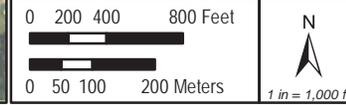
Figure 2

Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 05/22/2017 alignment.

DRAWN BY: NMS DATE: 5/31/2017
 APPROVED BY: --- PROJECT #: 60487539



**SHELL PIPELINE COMPANY, LP
 FALCON ETHANE PIPELINE PROJECT
 ADDENDUM 1**

Above-Ground Resource Locations

LEGEND

- Limit of Disturbance
- Proposed Access Road
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Proposed Centerline with Mileposts

- Scio to Monaca
- Houston to Monaca

Above-Ground Resources

- On-alignment (Addendum 03/2017)
- Off-alignment (Addendum 03/2017)
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- Off-alignment (Reported 08/2016)
- On-alignment (Addendum 03/2017)
- On-alignment (Reported 08/2016)

Map Features

- Map page overlap
- State Boundary

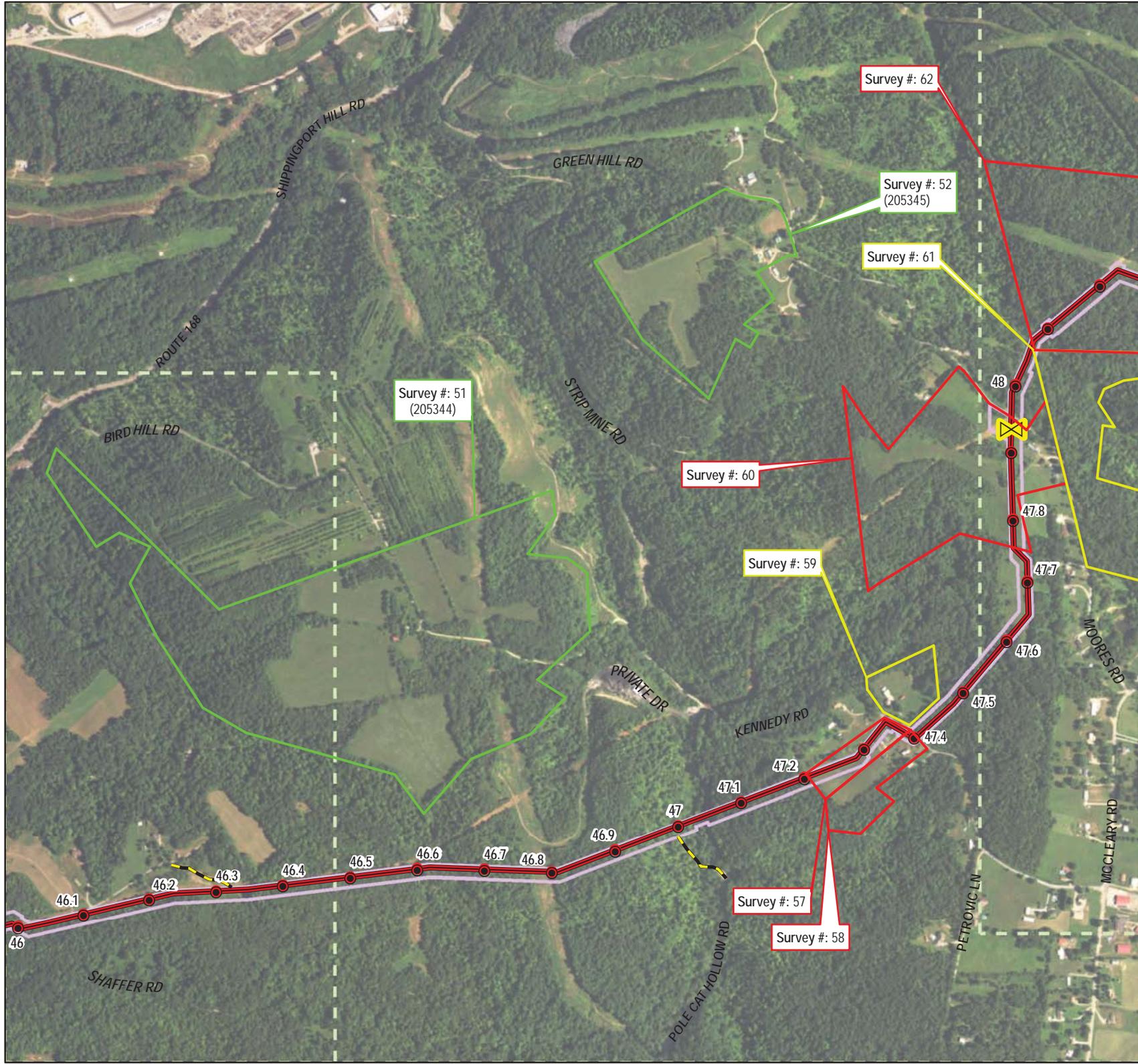


Figure 2

Page 24

Project Location:

COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 05/22/2017 alignment.

DRAWN BY: NMS DATE: 5/31/2017
 APPROVED BY: --- PROJECT #: 60487539

0 200 400 800 Feet

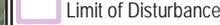
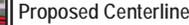
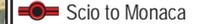
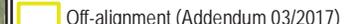
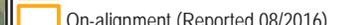
0 50 100 200 Meters

1 in = 1,000 ft

**SHELL PIPELINE COMPANY, LP
 FALCON ETHANE PIPELINE PROJECT
 ADDENDUM 1**

Above-Ground Resource Locations

LEGEND

-  Limit of Disturbance
-  Proposed Access Road
-  Meter Stations
-  Valves
- Proposed Centerline with Mileposts**
-  Scio to Monaca
-  Houston to Monaca
- Above-Ground Resources**
-  On-alignment (Addendum 03/2017)
-  Off-alignment (Addendum 03/2017)
-  On-alignment (Reported 08/2016)
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-  On-alignment (Addendum 03/2017)
-  On-alignment (Reported 08/2016)
- Map Features**
-  Map page overlap
-  State Boundary

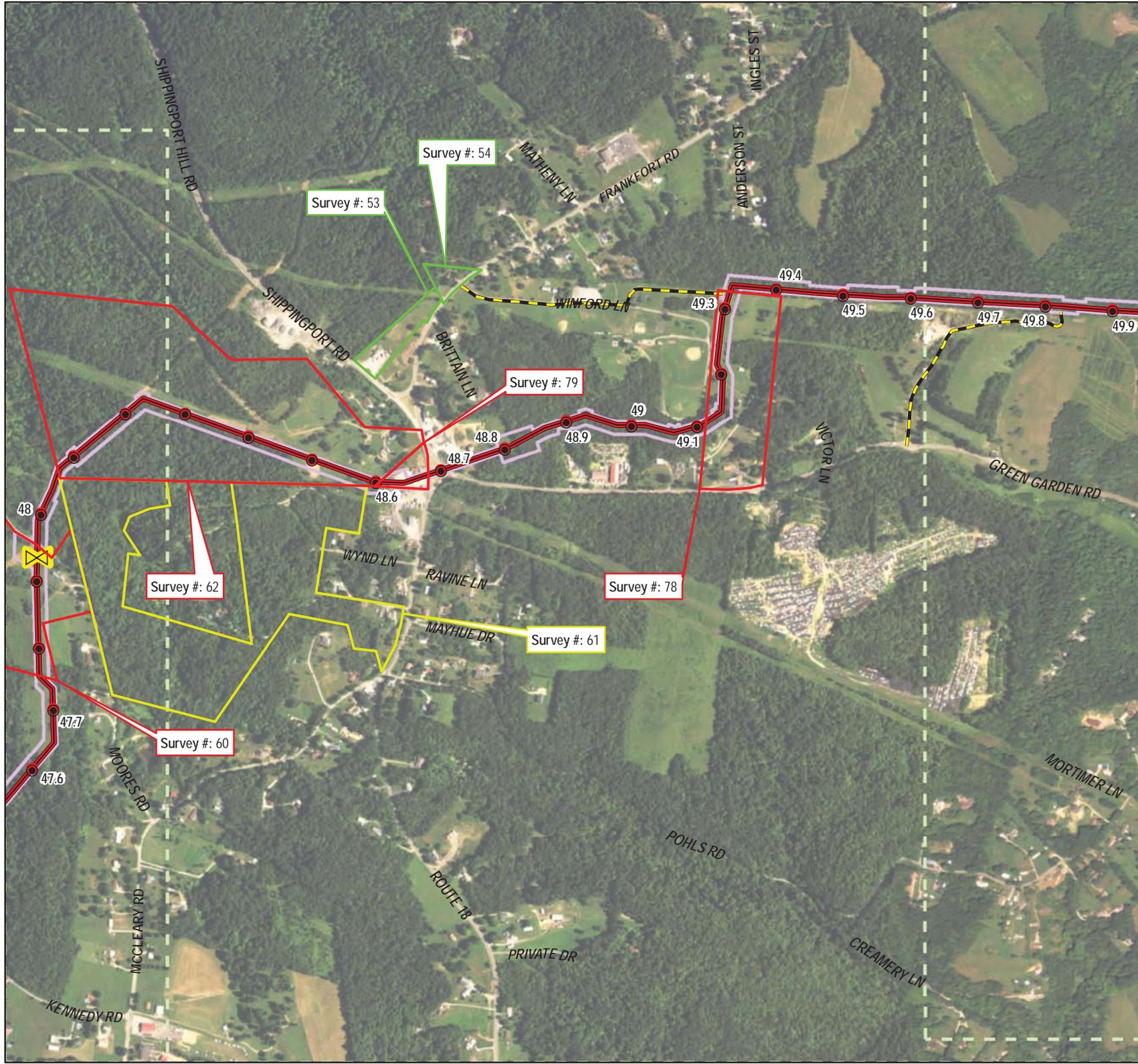


Figure 2

Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 05/22/2017 alignment.

DRAWN BY: NMS DATE: 5/31/2017
 APPROVED BY: --- PROJECT #: 60487539



**SHELL PIPELINE COMPANY, LP
 FALCON ETHANE PIPELINE PROJECT
 ADDENDUM 1**

Above-Ground Resource Locations

LEGEND

- Limit of Disturbance
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- State Boundary

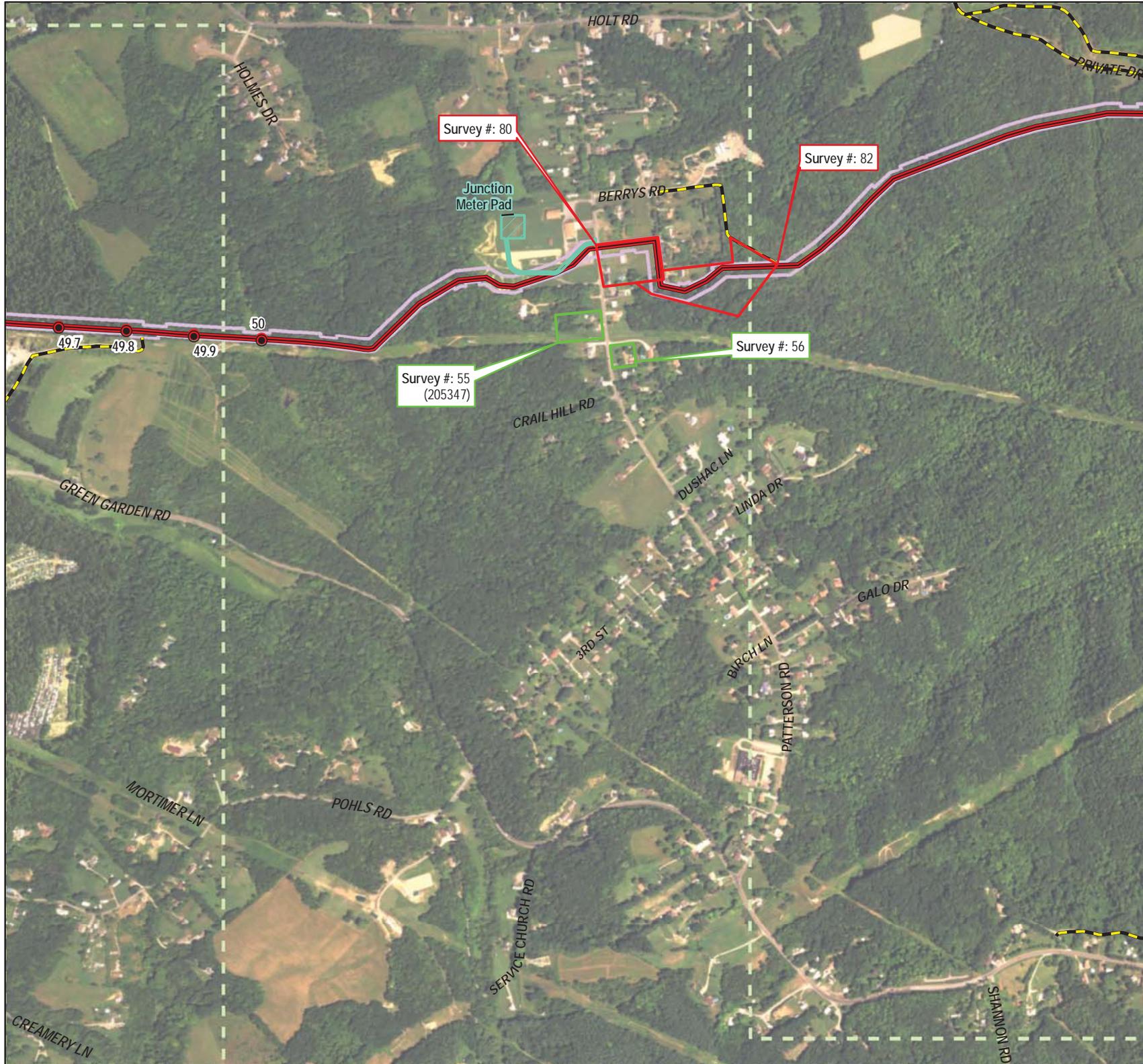


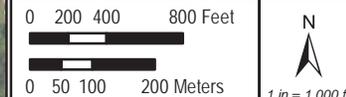
Figure 2

Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 05/22/2017 alignment.

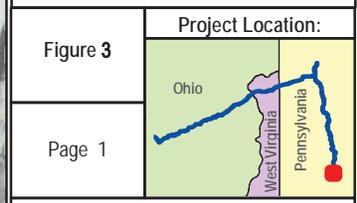
DRAWN BY: NMS DATE: 5/31/2017
 APPROVED BY: --- PROJECT #: 60487539



**SHELL PIPELINE COMPANY, LP
FALCON ETHANE PIPELINE PROJECT
ADDENDUM 1**

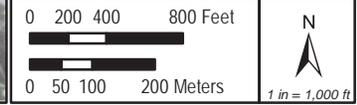
Above-Ground Resource Locations

- LEGEND**
- Limit of Disturbance
 - Proposed Access Road
 - Meter Stations
 - Valves
 - Proposed Centerline with Mileposts**
 - Scio to Monaca
 - Houston to Monaca
 - Above-Ground Resources**
 - On-alignment (Addendum 03/2017)
 - Off-alignment (Addendum 03/2017)
 - On-alignment (Reported 08/2016)
 - Off-alignment (Reported 08/2016)
 - On-alignment (Addendum 03/2017)
 - On-alignment (Reported 08/2016)
 - Map Features**
 - Map page overlap
 - State Boundary



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
All data current to 05/22/2017 alignment.

DRAWN BY: NMS DATE: 5/31/2017
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Above-Ground Resource Locations

LEGEND

-  Limit of Disturbance
-  Proposed Access Road
-  Meter Stations
-  Valves
- Proposed Centerline with Mileposts**
-  Scio to Monaca
-  Houston to Monaca
- Above-Ground Resources**
-  On-alignment (Addendum 03/2017)
-  Off-alignment (Addendum 03/2017)
-  On-alignment (Reported 08/2016)
-  Off-alignment (Reported 08/2016)
-  On-alignment (Addendum 03/2017)
-  On-alignment (Reported 08/2016)
- Map Features**
-  Map page overlap
-  State Boundary



Figure 3

Page 2

Project Location:

COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 05/22/2017 alignment.

DRAWN BY: NMS DATE: 5/31/2017
 APPROVED BY: --- PROJECT #: 60487539

0 200 400 800 Feet



0 50 100 200 Meters



1 in = 1,000 ft



Above-Ground Resource Locations

LEGEND

- Limit of Disturbance
- Proposed Access Road
- Meter Stations
- Valves
- Proposed Centerline with Mileposts**
- Scio to Monaca
- Houston to Monaca
- Above-Ground Resources**
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- Off-alignment (Addendum 03/2017)
- On-alignment (Reported 08/2016)
- Off-alignment (Reported 08/2016)
- On-alignment (Addendum 03/2017)
- On-alignment (Reported 08/2016)
- Map Features**
- Map page overlap
- State Boundary



Figure 3

Page 3

Project Location:

The project location map shows a blue line representing the pipeline route starting in Ohio, crossing into West Virginia, and ending in Pennsylvania. A red dot on the map indicates the specific location of this map page.

COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 05/22/2017 alignment.

DRAWN BY: NMS DATE: 5/31/2017
 APPROVED BY: --- PROJECT #: 60487539

0 200 400 800 Feet

0 50 100 200 Meters

1 in = 1,000 ft

The block contains two graphical scale bars. The top one is in feet (0, 200, 400, 800) and the bottom one is in meters (0, 50, 100, 200). A north arrow is located to the right of the scale bars.

Above-Ground Resource Locations

LEGEND

- Limit of Disturbance
- Proposed Access Road
- Meter Stations
- Valves
- Proposed Centerline with Mileposts**
- Scio to Monaca
- Houston to Monaca
- Above-Ground Resources**
- On-alignment (Addendum 03/2017)
- Off-alignment (Addendum 03/2017)
- On-alignment (Reported 08/2016)
- Off-alignment (Reported 08/2016)
- On-alignment (Addendum 03/2017)
- On-alignment (Reported 08/2016)
- Map Features**
- Map page overlap
- State Boundary



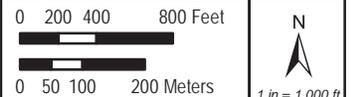
Figure 3

Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 05/22/2017 alignment.

DRAWN BY: NMS DATE: 5/31/2017
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Above-Ground Resource Locations

LEGEND

- Limit of Disturbance
- Proposed Access Road
- Meter Stations
- Valves
- Proposed Centerline with Mileposts**
 - Scio to Monaca
 - Houston to Monaca
- Above-Ground Resources**
 - On-alignment (Addendum 03/2017)
 - Off-alignment (Addendum 03/2017)
 - On-alignment (Reported 08/2016)
 - Off-alignment (Reported 08/2016)
 - On-alignment (Addendum 03/2017)
 - On-alignment (Reported 08/2016)
- Map Features**
 - Map page overlap
 - State Boundary



Figure 3

Project Location:

Ohio
 West Virginia
 Pennsylvania

Page 5

COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 05/22/2017 alignment.

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0 200 400 800 Feet

0 50 100 200 Meters

1 in = 1,000 ft

Above-Ground Resource Locations

LEGEND

- Limit of Disturbance
- Proposed Access Road
- Meter Stations
- Valves
- Proposed Centerline with Mileposts**
- Scio to Monaca
- Houston to Monaca
- Above-Ground Resources**
- On-alignment (Addendum 03/2017)
- Off-alignment (Addendum 03/2017)
- On-alignment (Reported 08/2016)
- Off-alignment (Reported 08/2016)
- On-alignment (Addendum 03/2017)
- On-alignment (Reported 08/2016)
- Map Features**
- Map page overlap
- State Boundary



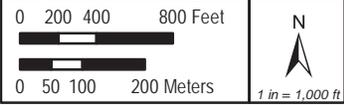
Figure 3

Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 05/22/2017 alignment.

DRAWN BY: NMS DATE: 5/31/2017
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Above-Ground Resource Locations

LEGEND

- Limit of Disturbance
- Proposed Access Road
- Meter Stations
- Valves
- Proposed Centerline with Mileposts**
- Scio to Monaca
- Houston to Monaca
- Above-Ground Resources**
- On-alignment (Addendum 03/2017)
- Off-alignment (Addendum 03/2017)
- On-alignment (Reported 08/2016)
- Off-alignment (Reported 08/2016)
- On-alignment (Addendum 03/2017)
- On-alignment (Reported 08/2016)
- Map Features**
- Map page overlap
- State Boundary



Figure 3

Page 7

Project Location:

COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 05/22/2017 alignment.

DRAWN BY: NMS DATE: 5/31/2017
 APPROVED BY: --- PROJECT #: 60487539

0 200 400 800 Feet

0 50 100 200 Meters

1 in = 1,000 ft

Above-Ground Resource Locations

LEGEND

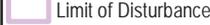
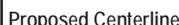
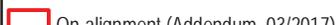
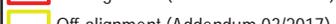
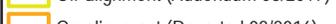
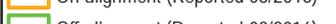
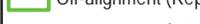
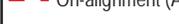
-  Limit of Disturbance
-  Proposed Access Road
-  Meter Stations
-  Valves
- Proposed Centerline with Mileposts**
-  Scio to Monaca
-  Houston to Monaca
- Above-Ground Resources**
-  On-alignment (Addendum 03/2017)
-  Off-alignment (Addendum 03/2017)
-  On-alignment (Reported 08/2016)
-  Off-alignment (Reported 08/2016)
-  On-alignment (Addendum 03/2017)
-  On-alignment (Reported 08/2016)
- Map Features**
-  Map page overlap
-  State Boundary



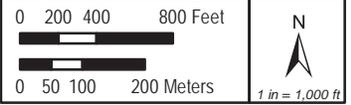
Figure 3

Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
All data current to 05/22/2017 alignment.

DRAWN BY: NMS DATE: 5/31/2017
APPROVED BY: --- PROJECT #: 60487539



Above-Ground Resource Locations

LEGEND

- Limit of Disturbance
- Proposed Access Road
- Meter Stations
- Valves

Proposed Centerline with Mileposts

- Scio to Monaca
- Houston to Monaca

Above-Ground Resources

- On-alignment (Addendum 03/2017)
- Off-alignment (Addendum 03/2017)
- On-alignment (Reported 08/2016)
- Off-alignment (Reported 08/2016)
- On-alignment (Addendum 03/2017)
- On-alignment (Reported 08/2016)

Map Features

- Map page overlap
- State Boundary



Figure 3

Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 05/22/2017 alignment.

DRAWN BY: NMS DATE: 5/31/2017
 APPROVED BY: --- PROJECT #: 60487539



**SHELL PIPELINE COMPANY, LP
 FALCON ETHANE PIPELINE PROJECT
 ADDENDUM 1**

Above-Ground Resource Locations

LEGEND

- Limit of Disturbance
- Proposed Access Road
- Meter Stations
- Valves

Proposed Centerline with Mileposts

- Scio to Monaca
- Houston to Monaca

Above-Ground Resources

- On-alignment (Addendum 03/2017)
- Off-alignment (Addendum 03/2017)
- On-alignment (Reported 08/2016)
- Off-alignment (Reported 08/2016)
- On-alignment (Addendum 03/2017)
- On-alignment (Reported 08/2016)

Map Features

- Map page overlap
- State Boundary

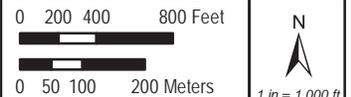


Figure 3



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 05/22/2017 alignment.

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 APPROVED BY: --- PROJECT #: 60487539



Above-Ground Resource Locations

LEGEND

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 - Off-alignment (Reported 08/2016)
 - On-alignment (Addendum 03/2017)
 - On-alignment (Reported 08/2016)
- Map Features**
 - Map page overlap
 - State Boundary

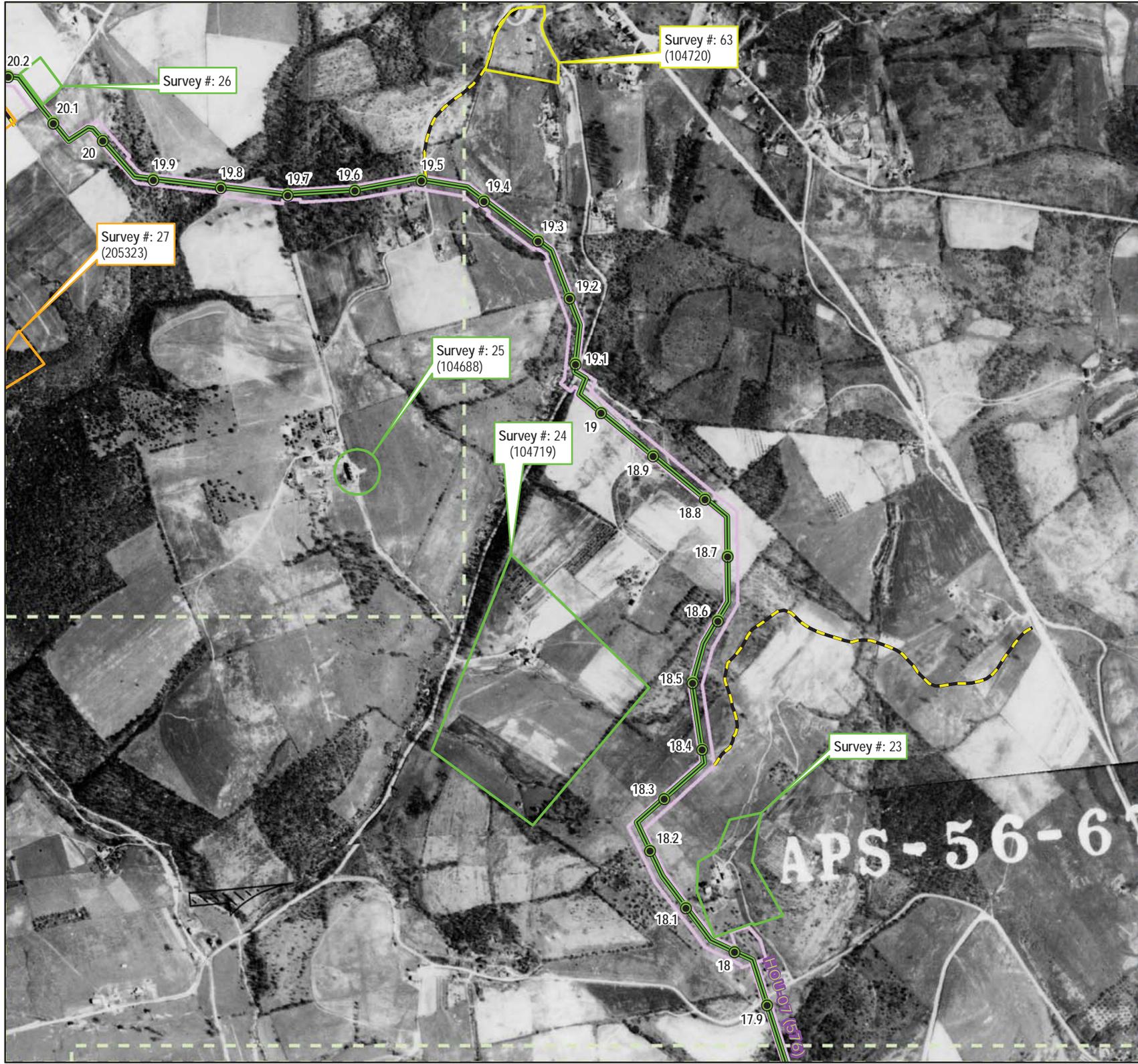


Figure 3

Page 11

Project Location:

COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 05/22/2017 alignment.

DRAWN BY: NMS DATE: 5/31/2017
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0 200 400 800 Feet

0 50 100 200 Meters

1 in = 1,000 ft

Survey #: 30
(205326)

Survey #: 31
(205327)

Survey #: 29
(205325)

Survey #: 28
(205324)

Above-Ground Resource Locations

LEGEND

- Limit of Disturbance
- Proposed Access Road
- Meter Stations
- Valves
- Proposed Centerline with Mileposts**
- Scio to Monaca
- Houston to Monaca
- Above-Ground Resources**
- On-alignment (Addendum 03/2017)
- Off-alignment (Addendum 03/2017)
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- Map Features**
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- State Boundary

Figure 3

Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
All data current to 05/22/2017 alignment.

DRAWN BY: NMS DATE: 5/31/2017
APPROVED BY: --- PROJECT #: 60487539



Above-Ground Resource Locations

- LEGEND**
- Limit of Disturbance
 - Proposed Access Road
 - Meter Stations
 - Valves
 - Proposed Centerline with Mileposts**
 - Scio to Monaca
 - Houston to Monaca
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 - On-alignment (Addendum 03/2017)
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 - Off-alignment (Reported 08/2016)
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 - On-alignment (Reported 08/2016)
 - Map Features**
 - Map page overlap
 - State Boundary



Figure 3

Page 13

Project Location:

COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 05/22/2017 alignment.

DRAWN BY: NMS DATE: 5/31/2017
 APPROVED BY: --- PROJECT #: 60487539

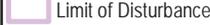
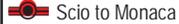
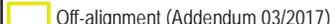
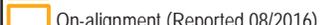
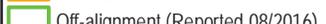
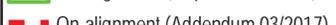
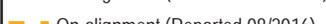
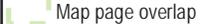
0 200 400 800 Feet

0 50 100 200 Meters

1 in = 1,000 ft

Above-Ground Resource Locations

LEGEND

-  Limit of Disturbance
-  Proposed Access Road
-  Meter Stations
-  Valves
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-  Scio to Monaca
-  Houston to Monaca
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-  Off-alignment (Addendum 03/2017)
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-  Off-alignment (Reported 08/2016)
-  On-alignment (Addendum 03/2017)
-  On-alignment (Reported 08/2016)
- Map Features**
-  Map page overlap
-  State Boundary

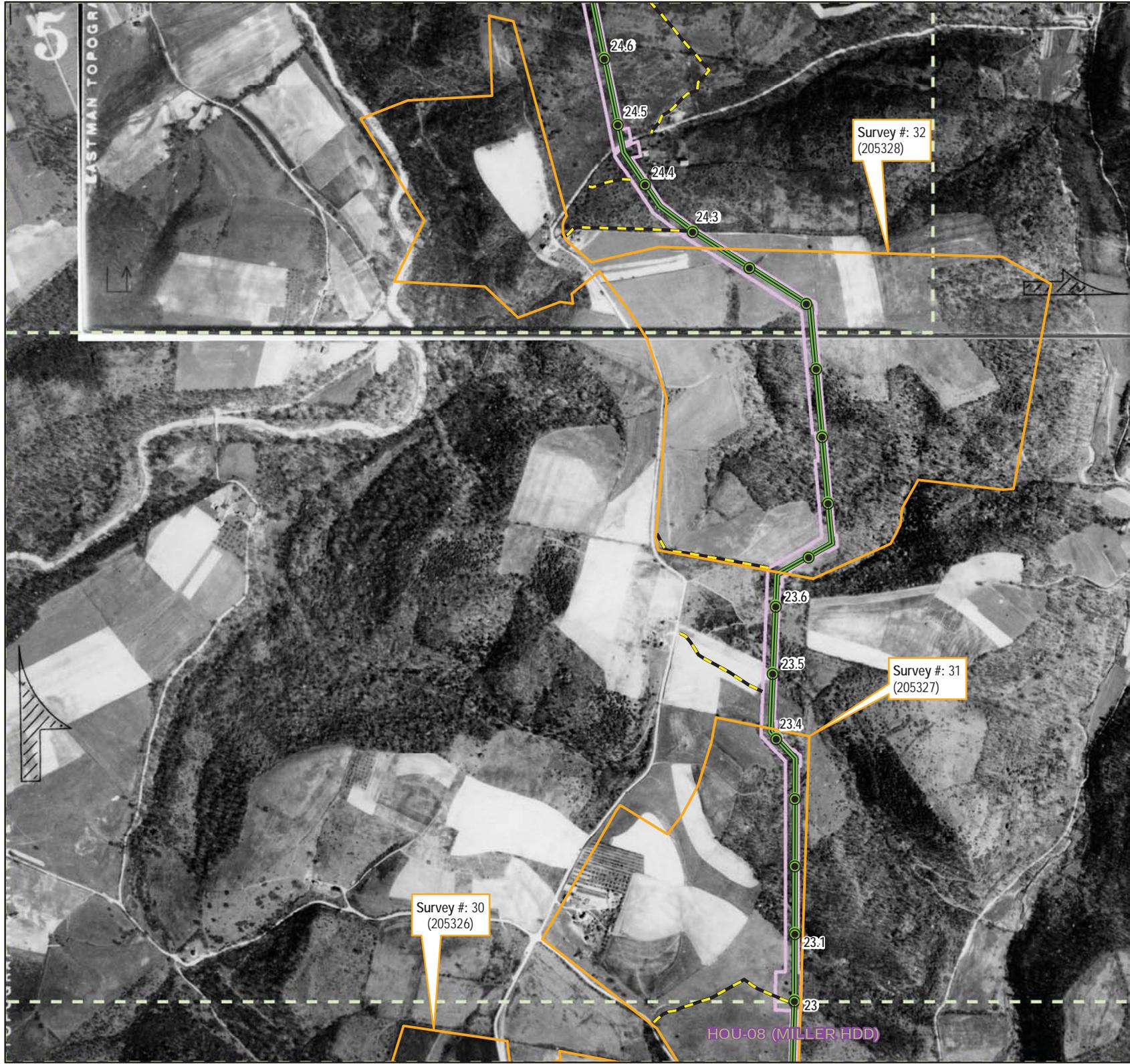


Figure 3

Page 14

Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 05/22/2017 alignment.

DRAWN BY: NMS DATE: 5/31/2017
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0 200 400 800 Feet

0 50 100 200 Meters

1 in = 1,000 ft



**SHELL PIPELINE COMPANY, LP
 FALCON ETHANE PIPELINE PROJECT
 ADDENDUM 1**

Above-Ground Resource Locations

LEGEND

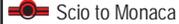
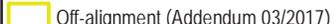
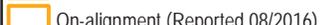
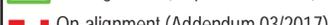
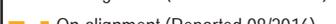
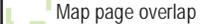
-  Limit of Disturbance
-  Proposed Access Road
-  Meter Stations
-  Valves
- Proposed Centerline with Mileposts**
-  Scio to Monaca
-  Houston to Monaca
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-  On-alignment (Addendum 03/2017)
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-  Off-alignment (Reported 08/2016)
-  On-alignment (Addendum 03/2017)
-  On-alignment (Reported 08/2016)
- Map Features**
-  Map page overlap
-  State Boundary

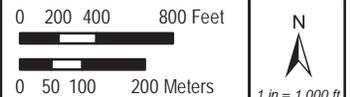


Figure 3



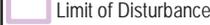
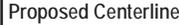
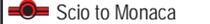
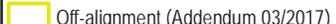
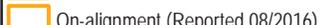
COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 05/22/2017 alignment.

DRAWN BY: NMS DATE: 5/31/2017
 APPROVED BY: --- PROJECT #: 60487539



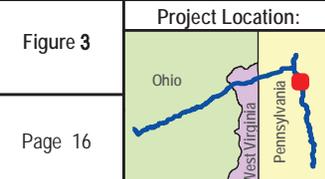
Above-Ground Resource Locations

LEGEND

-  Limit of Disturbance
-  Proposed Access Road
-  Meter Stations
-  Valves
- Proposed Centerline with Mileposts**
-  Scio to Monaca
-  Houston to Monaca
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-  On-alignment (Addendum 03/2017)
-  On-alignment (Reported 08/2016)
- Map Features**
-  Map page overlap
-  State Boundary

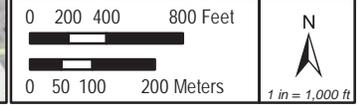


Survey
 #: 81
 (200970)



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 05/22/2017 alignment.

DRAWN BY: NMS DATE: 5/31/2017
 APPROVED BY: --- PROJECT #: 60487539



**SHELL PIPELINE COMPANY, LP
 FALCON ETHANE PIPELINE PROJECT
 ADDENDUM 1**

Above-Ground Resource Locations

LEGEND

- Limit of Disturbance
- Proposed Access Road
- Meter Stations
- Valves

Proposed Centerline with Mileposts

- Scio to Monaca
- Houston to Monaca

Above-Ground Resources

- On-alignment (Addendum 03/2017)
- Off-alignment (Addendum 03/2017)
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- Off-alignment (Reported 08/2016)
- On-alignment (Addendum 03/2017)
- On-alignment (Reported 08/2016)

Map Features

- Map page overlap
- State Boundary



Figure 3

Project Location:

Ohio
 West Virginia
 Pennsylvania

Page 17

COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 05/22/2017 alignment.

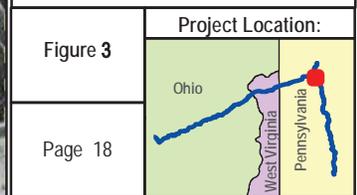
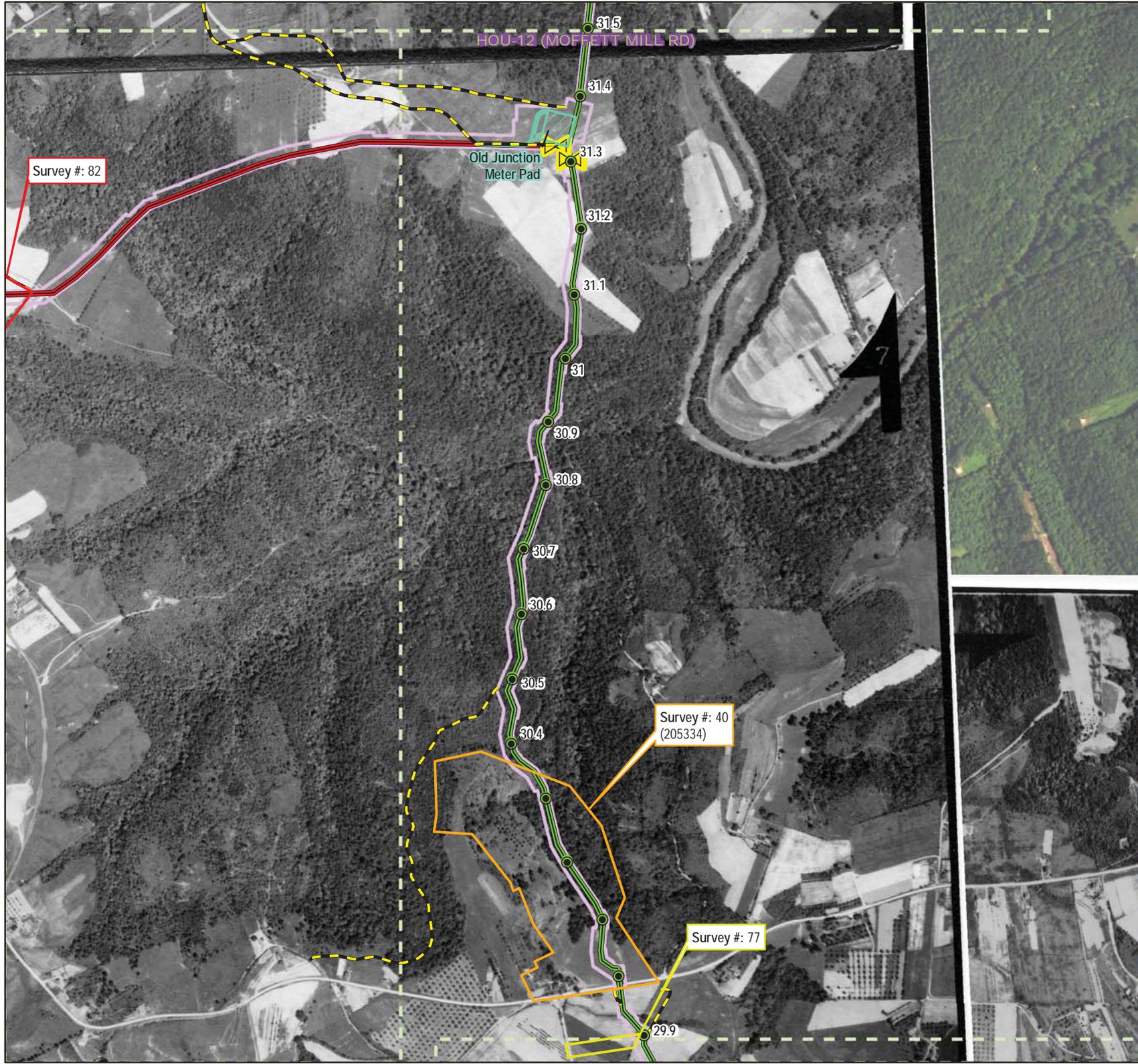
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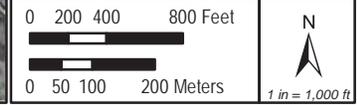
Above-Ground Resource Locations

- LEGEND**
- Limit of Disturbance
 - Proposed Access Road
 - Meter Stations
 - Valves
- Proposed Centerline with Mileposts**
- Scio to Monaca
 - Houston to Monaca
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**SHELL PIPELINE COMPANY, LP
 FALCON ETHANE PIPELINE PROJECT
 ADDENDUM 1**

Above-Ground Resource Locations

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Figure 3

Project Location:

Ohio
 West Virginia
 Pennsylvania

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COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
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0 200 400 800 Feet

0 50 100 200 Meters

1 in = 1,000 ft

**SHELL PIPELINE COMPANY, LP
 FALCON ETHANE PIPELINE PROJECT
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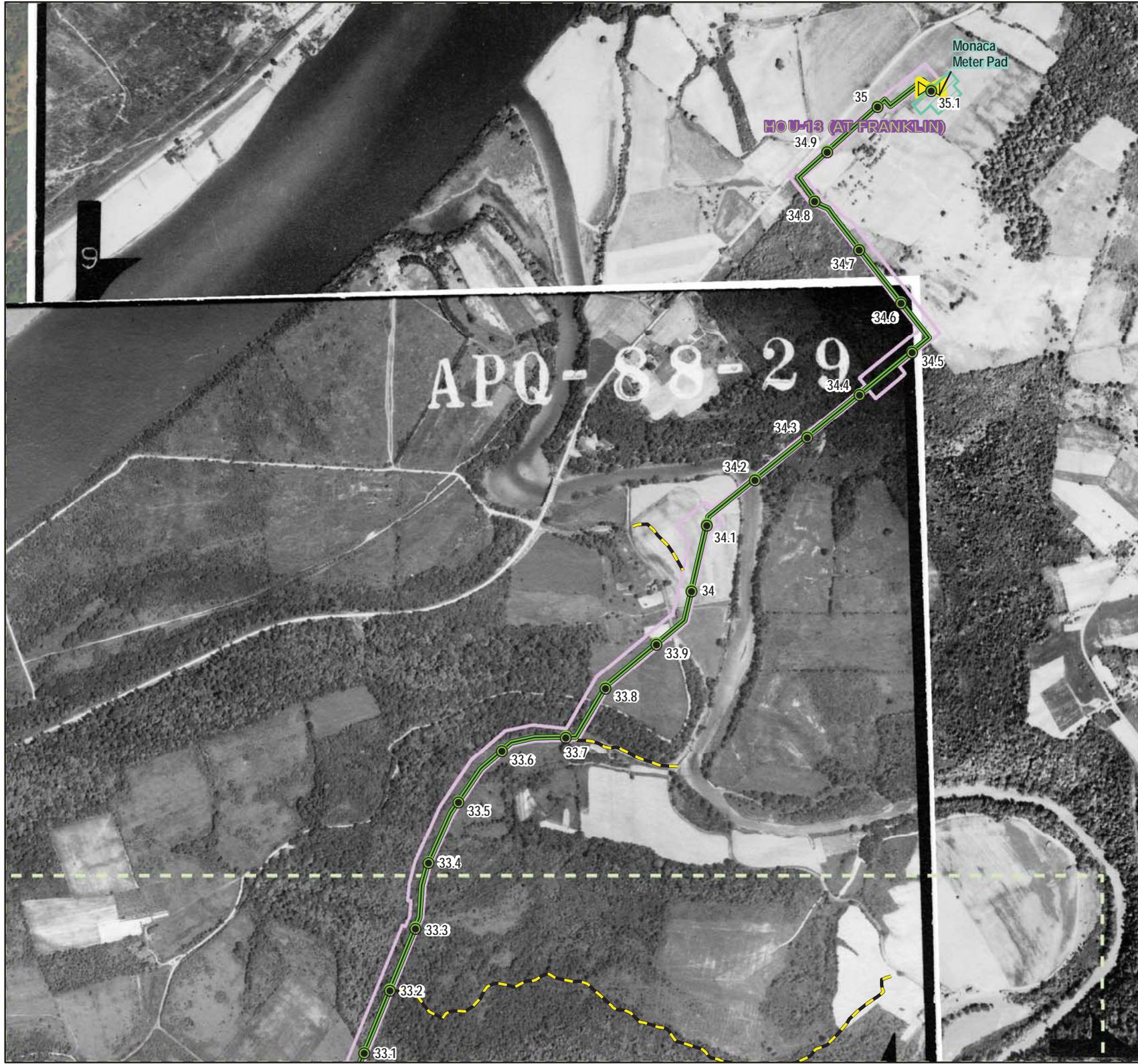


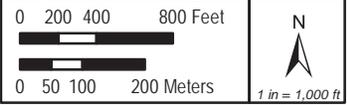
Figure 3

Project Location:



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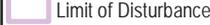
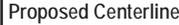
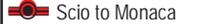
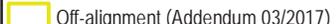
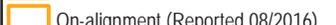
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**SHELL PIPELINE COMPANY, LP
FALCON ETHANE PIPELINE PROJECT
ADDENDUM 1**

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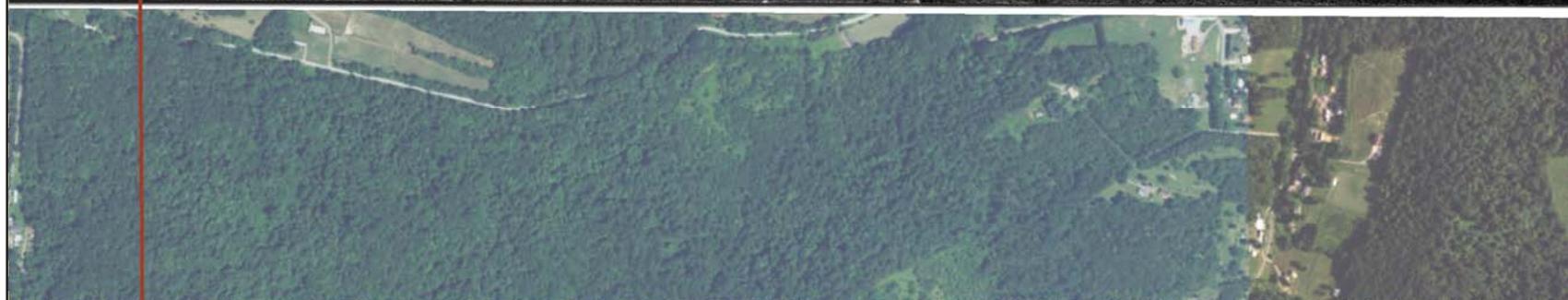
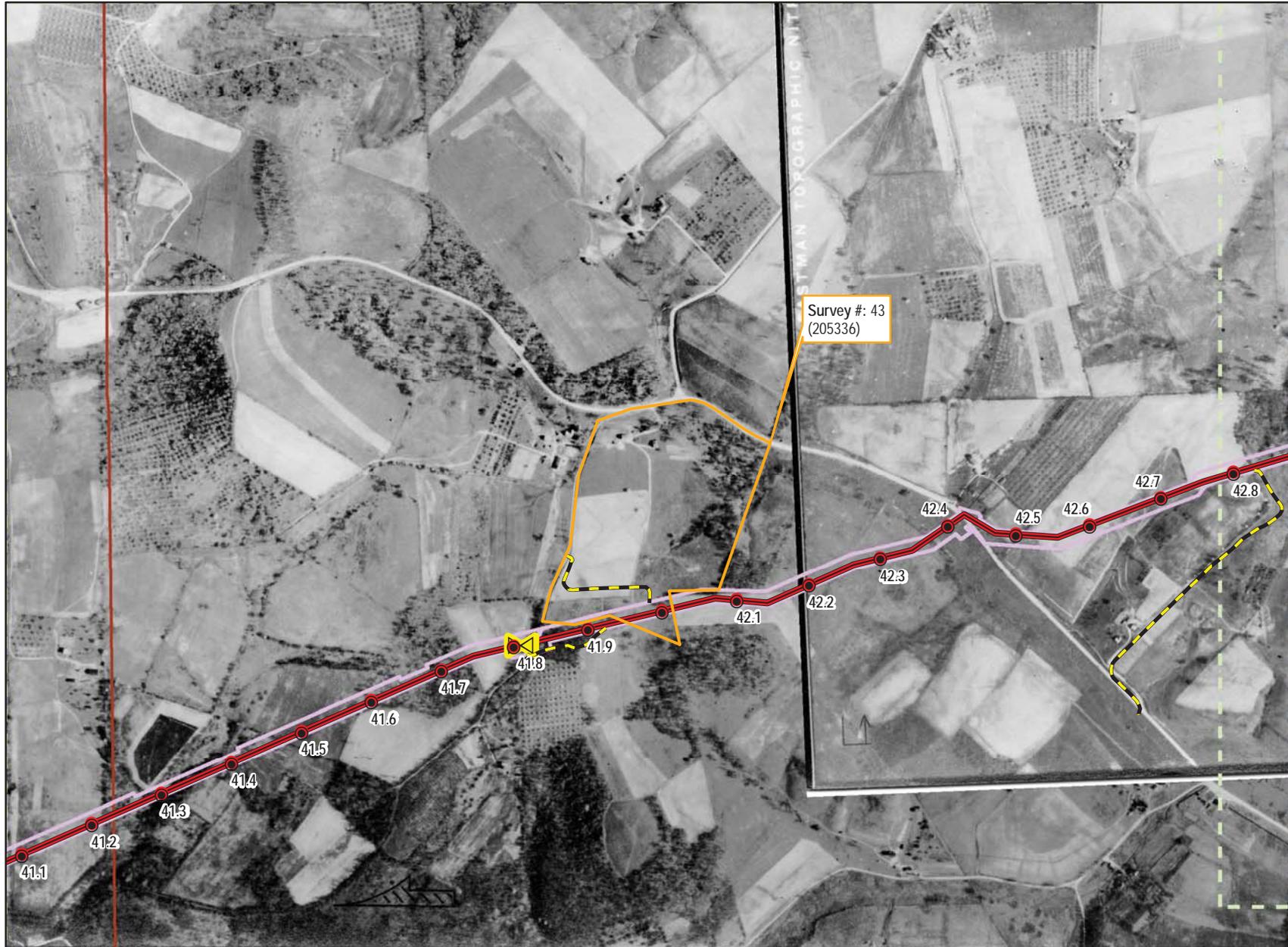


Figure 3

Project Location:



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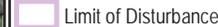
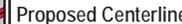
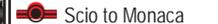
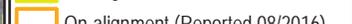
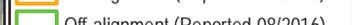
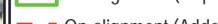
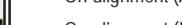


1 in = 1,000 ft



Above-Ground Resource Locations

LEGEND

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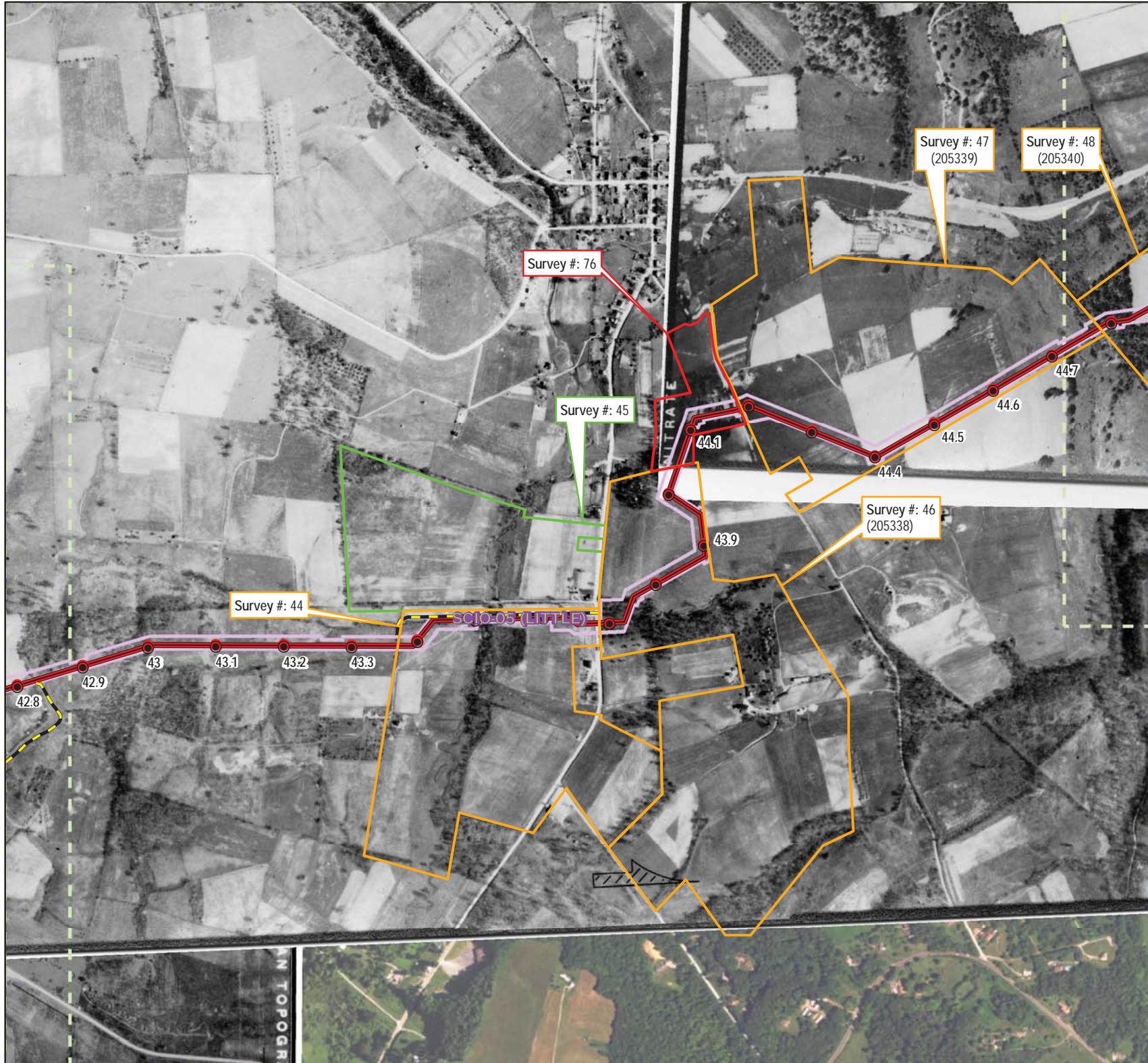


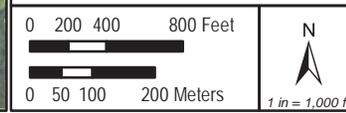
Figure 3

Project Location:



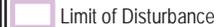
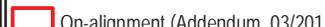
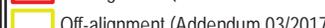
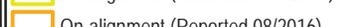
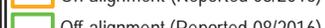
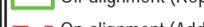
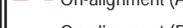
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 All data current to 05/22/2017 alignment.

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Above-Ground Resource Locations

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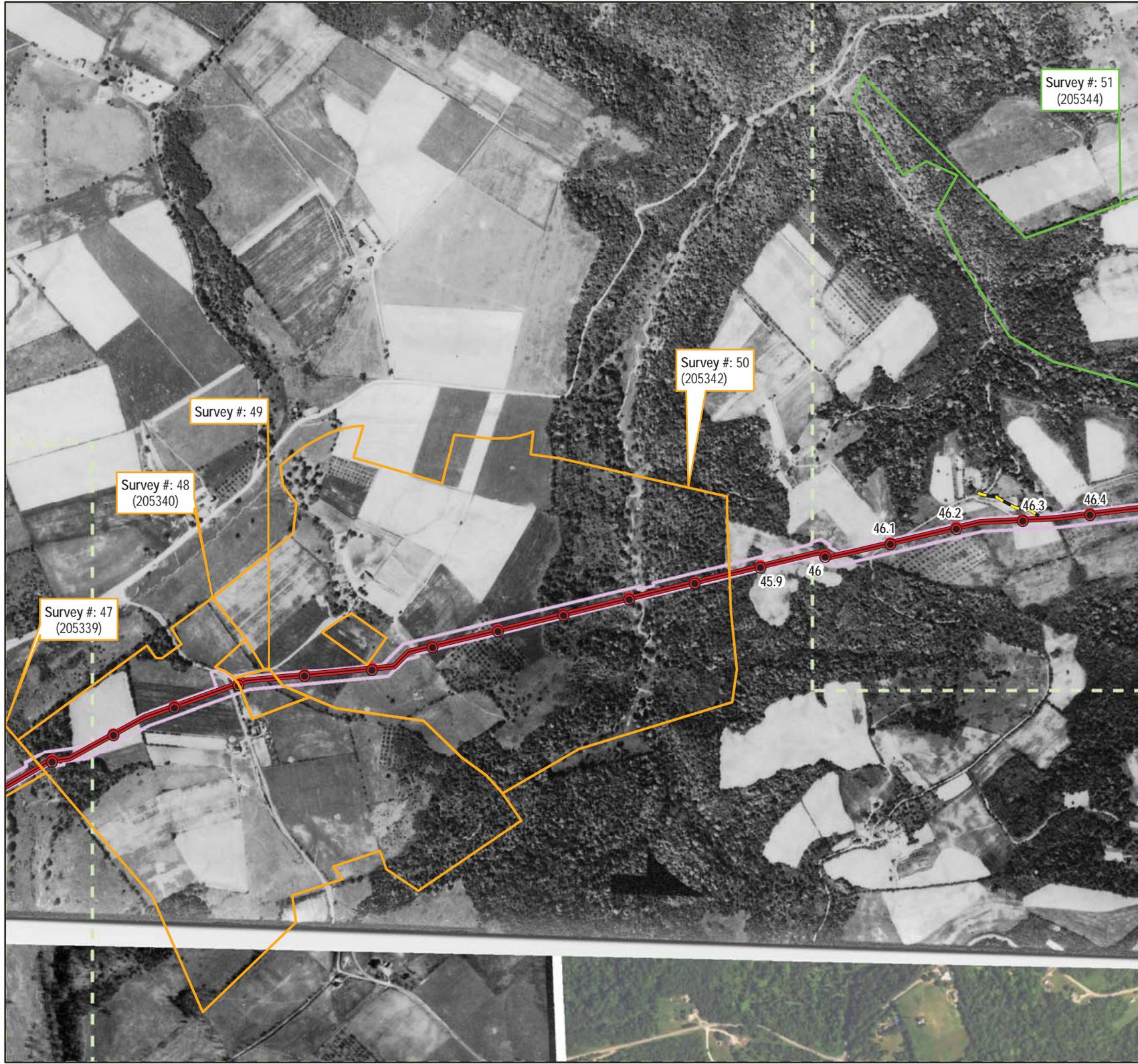
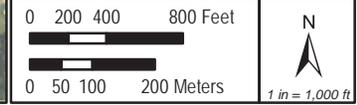


Figure 3



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Figure 3

Page 24

Project Location:

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 All data current to 05/22/2017 alignment.

DRAWN BY: NMS DATE: 5/31/2017
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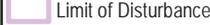
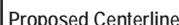
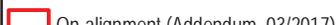
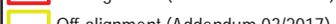
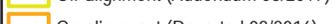
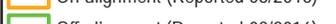
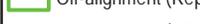
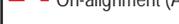
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0 50 100 200 Meters

1 in = 1,000 ft

Above-Ground Resource Locations

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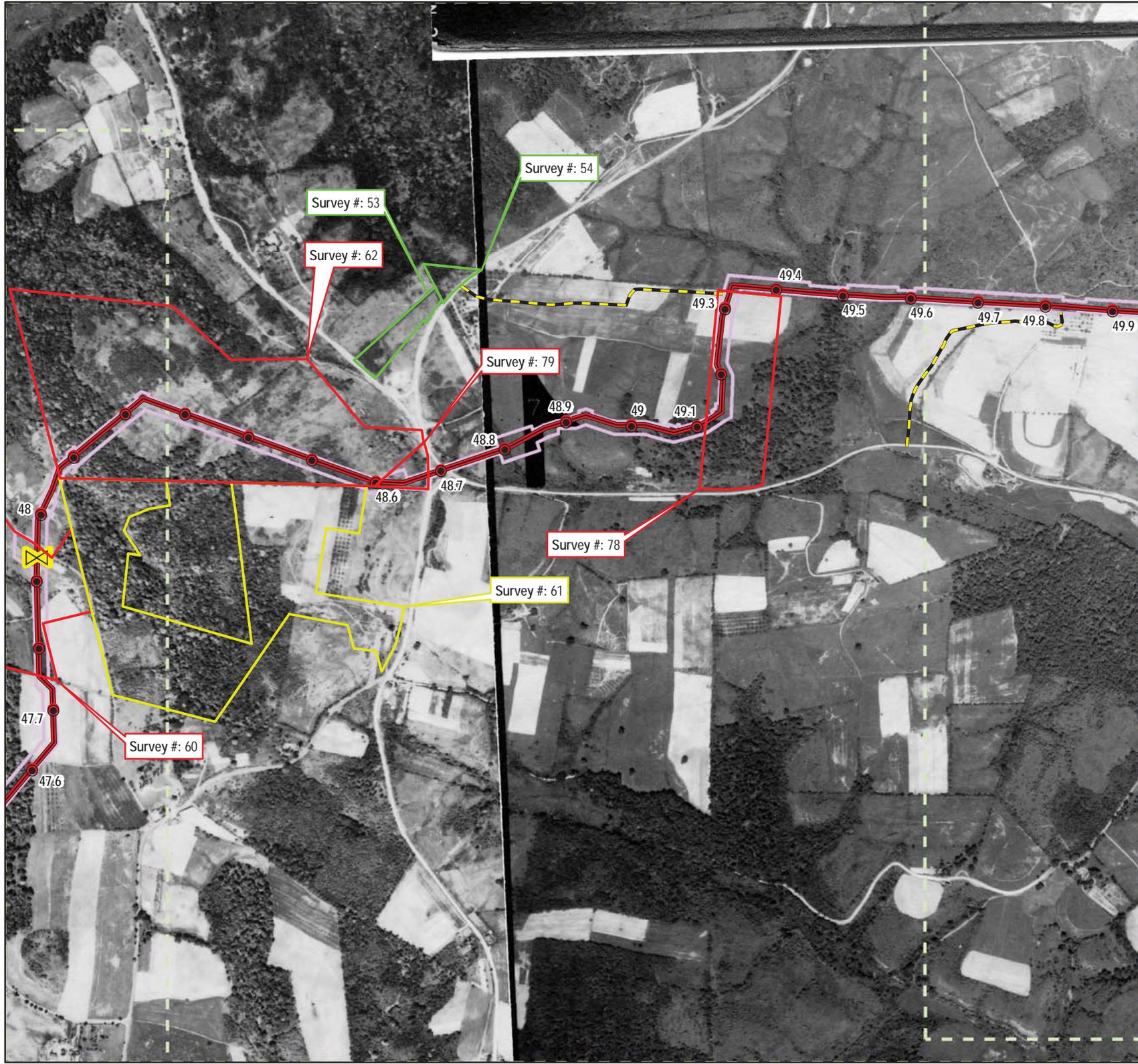


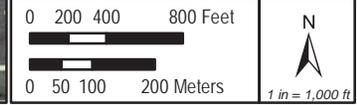
Figure 3

Project Location:



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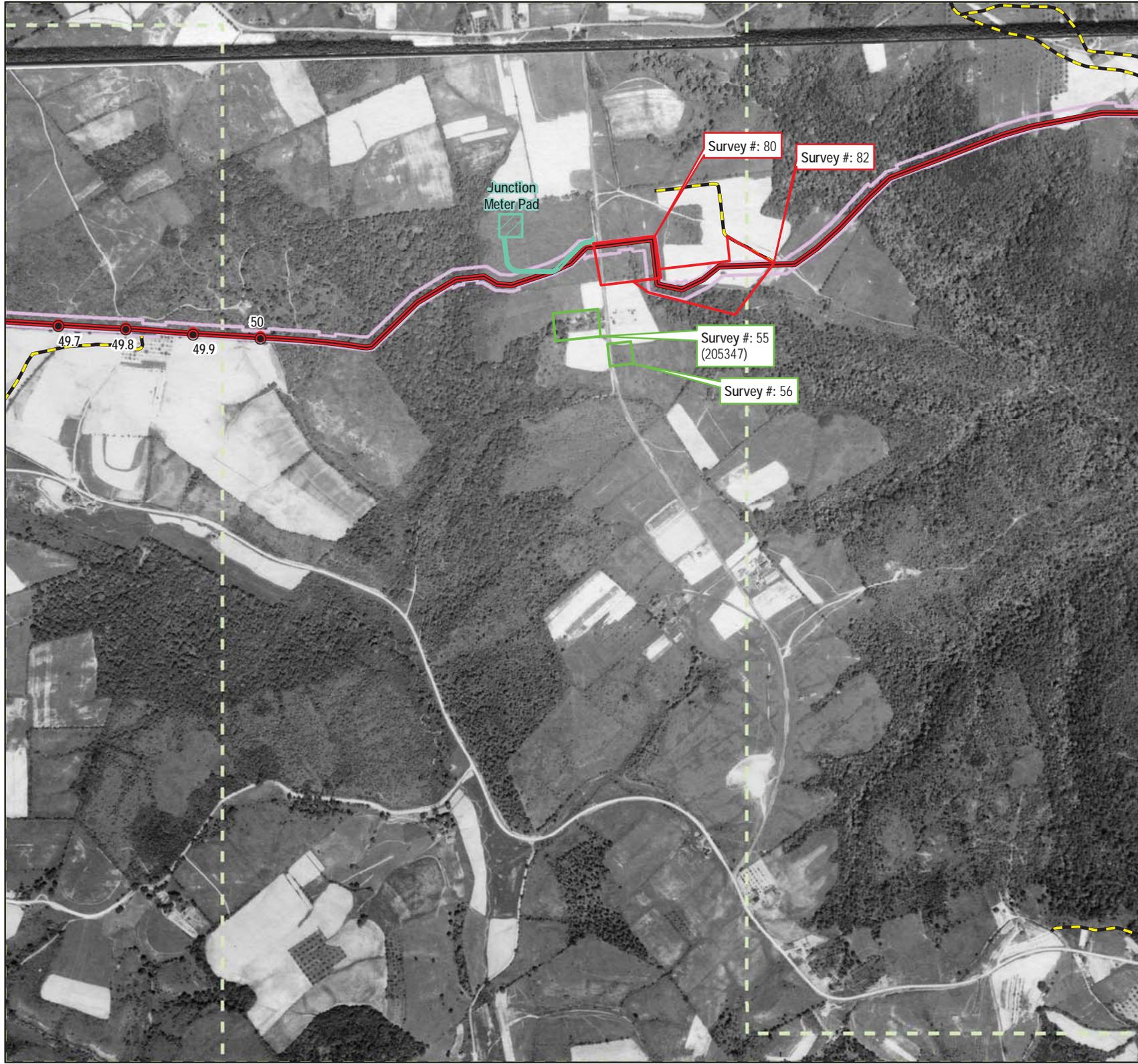


Figure 3

Project Location:

Ohio
 West Virginia
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Shell Falcon Pipeline Project Addendum 1
Washington, Allegheny, and Beaver Counties, Pennsylvania

ATTACHMENT 2: PHOTOGRAPHS

Shell Falcon Pipeline Project Addendum 1
Washington, Allegheny, and Beaver Counties, Pennsylvania

Photographs



Photograph 1. Survey # 57, Dwelling (c. 1955), Front Elevation, View West



Photograph 2. Survey # 57, Dwelling (c. 1955) and Garage (c. 1980), View South

Shell Falcon Pipeline Project Addendum 1
Washington, Allegheny, and Beaver Counties, Pennsylvania



Photograph 3. Survey # 58, Dwelling (c. 1955) and Garage (c. 1970), View West



Photograph 4. Survey # 58, Dwelling (c. 1955) and Garage (c. 1970), View South

Shell Falcon Pipeline Project Addendum 1
Washington, Allegheny, and Beaver Counties, Pennsylvania



Photograph 5. Survey # 59, Dwelling (c. 1910), Front Elevation, View North



Photograph 6. Survey # 59, Garage (c. 1980) and Addition (c. 2000), View North

Shell Falcon Pipeline Project Addendum 1
Washington, Allegheny, and Beaver Counties, Pennsylvania



Photograph 7. Survey # 59, Shed/Carport (c. 2000), View North



Photograph 8. Survey # 60, Dwelling (c. 1830), View West

Shell Falcon Pipeline Project Addendum 1
Washington, Allegheny, and Beaver Counties, Pennsylvania



Photograph 9. Survey # 60, Dwelling (c. 1830), View Northwest



Photograph 10. Survey # 60, Machine Shed/Workshop (c. 1950), View South

Shell Falcon Pipeline Project Addendum 1
Washington, Allegheny, and Beaver Counties, Pennsylvania



Photograph 11. Survey # 60, Machine Shed/Workshop (c. 1950) and Equipment Shed (c. 1950), View Southwest



Photograph 12. Survey # 60, Equipment Shed (c. 1950), View West

Shell Falcon Pipeline Project Addendum 1
Washington, Allegheny, and Beaver Counties, Pennsylvania



Photograph 13. Survey # 60, Gable-Entry Bank Barn (c. 1955) View West



Photograph 14. Survey # 60, Gable-Entry Bank Barn (c. 1955) and Addition (c. 1970), View Southwest

Shell Falcon Pipeline Project Addendum 1
Washington, Allegheny, and Beaver Counties, Pennsylvania



Photograph 15. Survey # 61, Dwelling, Front and Side Elevation, View Northwest



Photograph 16. Survey # 61, Dwelling, Front and Side Elevation, View Southwest

Shell Falcon Pipeline Project Addendum 1
Washington, Allegheny, and Beaver Counties, Pennsylvania



Photograph 17. Survey # 61, Secondary Dwelling/Former Basement Barn, View Southwest



Photograph 18. Survey # 61, Secondary Dwelling/Former Basement Barn (c. 1955), View Southeast

Shell Falcon Pipeline Project Addendum 1
Washington, Allegheny, and Beaver Counties, Pennsylvania



Photograph 19. Survey # 61, Workshop (c. 1980), View South



Photograph 20. Survey # 62, Dwelling, Front Elevation, View South

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Washington, Allegheny, and Beaver Counties, Pennsylvania



Photograph 21. Survey # 62, Dwelling, Rear Elevation, View Northwest



Photograph 22. Survey # 62, Stable (c. 1980) and Poultry House (c. 2000), View West

Shell Falcon Pipeline Project Addendum 1
Washington, Allegheny, and Beaver Counties, Pennsylvania



Photograph 23. Survey # 63, Church (c. 1924), View Southwest



Photograph 24. Survey # 63, Cemetery, View South

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Washington, Allegheny, and Beaver Counties, Pennsylvania



Photograph 25. Survey # 64, Dwelling (c. 1850), View Northeast



Photograph 26. Survey # 64, Equipment Shed/Workshop (c. 1920), View Southwest

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Washington, Allegheny, and Beaver Counties, Pennsylvania



Photograph 27. Survey # 64, Equipment Shed (c. 2015), View North



Photograph 28. Survey # 65, Oil Resource A, View Southwest

Shell Falcon Pipeline Project Addendum 1
Washington, Allegheny, and Beaver Counties, Pennsylvania



Photograph 29. Survey # 66, Contributing Resources, Streetscape, View Northwest



Photograph 30. Survey # 66, Streetscape looking toward Proposed Project, View Southeast

Shell Falcon Pipeline Project Addendum 1
Washington, Allegheny, and Beaver Counties, Pennsylvania



Photograph 31. Survey # 67, Pumphouse (c. 1950), View Northwest



Photograph 32. Survey # 67, Guardhouse (c. 1950), View Northwest

Shell Falcon Pipeline Project Addendum 1
Washington, Allegheny, and Beaver Counties, Pennsylvania



Photograph 33. Survey # 68, Dwelling (c. 1965), View Northeast



Photograph 34. Survey # 68, Workshop (c. 1965), View Northeast

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Washington, Allegheny, and Beaver Counties, Pennsylvania



Photograph 35. Survey # 68, Pole Barn (c. 1980), View East



Photograph 36. Survey # 68, Metal Silos (c. 1980), View Southeast

Shell Falcon Pipeline Project Addendum 1
Washington, Allegheny, and Beaver Counties, Pennsylvania



Photograph 37. Survey # 68, Ruinous Vehicle/Equipment Shed (c. 1980), View South



Photograph 38. Survey # 69, Dwelling (c. 1870), View Northeast

Shell Falcon Pipeline Project Addendum 1
Washington, Allegheny, and Beaver Counties, Pennsylvania



Photograph 39. Survey # 69, Dwelling (c. 1870), View Southeast



Photograph 40. Survey # 69, Garage/Workshop (c. 1940), View Northeast

Shell Falcon Pipeline Project Addendum 1
Washington, Allegheny, and Beaver Counties, Pennsylvania



Photograph 41. Survey # 69, Vehicle/Equipment Shed (c. 1980), View North



Photograph 42. Survey # 69, Pole Barn, Milking House, Milking Parlors (c. 1980), View Northeast

Shell Falcon Pipeline Project Addendum 1
Washington, Allegheny, and Beaver Counties, Pennsylvania



Photograph 43. Survey # 69, Ruinous Corn Crib (c. 1960), View East



Photograph 44. Survey # 69, Bake House/Oven (c. 1960), background, View East

Shell Falcon Pipeline Project Addendum 1
Washington, Allegheny, and Beaver Counties, Pennsylvania



Photograph 45. Survey # 70, Dwelling (c. 1960), View Southwest



Photograph 46. Survey #70, Garage (c. 1960), View West

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Photograph 47. Survey # 70, Dwelling (c. 1960), Shed (c. 1980), and Mobile Home (c. 1980), View Southwest



Photograph 48. Survey # 71, Dwelling (1949), View Southwest

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Photograph 49. Survey # 71, Dwelling (1949), View Northwest



Photograph 50. Survey # 72, Clubhouse (c. 1967), View South

Shell Falcon Pipeline Project Addendum 1
Washington, Allegheny, and Beaver Counties, Pennsylvania



Photograph 51. Survey # 72, Clubhouse Additions (c. 1980) and Motel Rooms (c. 1980), View Southwest



Photograph 52. Survey # 72, Motel Rooms (c. 1980), View Southeast

Shell Falcon Pipeline Project Addendum 1
Washington, Allegheny, and Beaver Counties, Pennsylvania



Photograph 53. Survey # 72, Maintenance Building (c. 2000), View East



Photograph 54. Survey # 72, Overview of Golf Course (c. 1967), View South

Shell Falcon Pipeline Project Addendum 1
Washington, Allegheny, and Beaver Counties, Pennsylvania



Photograph 55. Survey # 73, Dwelling (c. 1950) and Garage (c. 1950), View Northeast



Photograph 56. Survey # 73, Dwelling (c. 1950), View South

Shell Falcon Pipeline Project Addendum 1
Washington, Allegheny, and Beaver Counties, Pennsylvania



Photograph 57. Survey # 73, Garage (c. 1950), View South



Photograph 58. Survey # 74, Dwelling (c. 1965), View West

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Washington, Allegheny, and Beaver Counties, Pennsylvania



Photograph 59. Survey # 74, Horse Stable (c. 2000), View West



Photograph 60. Survey # 75, Dwelling (c. 1930), View West

Shell Falcon Pipeline Project Addendum 1
Washington, Allegheny, and Beaver Counties, Pennsylvania



Photograph 61. Survey # 75, Dwelling (c. 1930), View Southeast



Photograph 62. Survey # 76, Vehicle/Equipment Shed (c. 1930), View Northeast

Shell Falcon Pipeline Project Addendum 1
Washington, Allegheny, and Beaver Counties, Pennsylvania



Photograph 63. Survey # 76, Springhouse (c. 1930), View Northeast



Photograph 64. Survey # 76, Dwelling (c. 1981), View Southwest

Shell Falcon Pipeline Project Addendum 1
Washington, Allegheny, and Beaver Counties, Pennsylvania



Photograph 65. Survey # 77, Dwelling (c. 1965), View Southeast



Photograph 66. Survey # 77, Dwelling (c. 1965), View Northeast

Shell Falcon Pipeline Project Addendum 1
Washington, Allegheny, and Beaver Counties, Pennsylvania



Photograph 67. Survey # 78, Dwelling (c. 1965), View North



Photograph 68. Survey # 78, Workshop (c. 1965), View Northeast

Shell Falcon Pipeline Project Addendum 1
Washington, Allegheny, and Beaver Counties, Pennsylvania



Photograph 69. Survey # 78, Office (c. 1965), View West



Photograph 70. Survey # 78, Garage/Workshop (c. 1990), View North

Shell Falcon Pipeline Project Addendum 1
Washington, Allegheny, and Beaver Counties, Pennsylvania



Photograph 71. Survey # 79, Office (c. 1956), View Northwest



Photograph 72. Survey # 79, Warehouse/Shop (c. 1962), View West

Shell Falcon Pipeline Project Addendum 1
Washington, Allegheny, and Beaver Counties, Pennsylvania



Photograph 73. Survey # 80, Dwelling (c. 1942), View Northeast



Photograph 74. Survey # 80, Garage (c. 1942), View Southeast

Shell Falcon Pipeline Project Addendum 1
Washington, Allegheny, and Beaver Counties, Pennsylvania



Photograph 75. Survey # 80, Pole Barn (c. 2000), View East



Photograph 76. Survey # 81, Key # 200970, Pipeline ROW, View North

Shell Falcon Pipeline Project Addendum 1
Washington, Allegheny, and Beaver Counties, Pennsylvania



Photograph 77. Survey # 82, Dwelling (c. 1945), View Southeast



Photograph 78. Survey # 82, Dwelling (c. 1945), View Southwest

Shell Falcon Pipeline Project Addendum 1
Washington, Allegheny, and Beaver Counties, Pennsylvania

ATTACHMENT 3: ABBREVIATED HRSF

**Abbreviated Historic Resource Survey Form
Pennsylvania Historical & Museum Commission**

IDENTIFICATION AND LOCATION

ER #: 2015-1839-042
Survey Code: 57 Tax Parcel: 75-192-0109.001
County: Beaver Municipality: Raccoon Township
Address: 185 Kennedy Road, Hookstown, PA 15050
Historic/Other Name: Lokomski House
Owner Name/Address: Michael and Jesse Lokomski
185 Kennedy Road, Hookstown, PA
Owner Category: Private
USGS Quad: Hookstown
UTM: Zone 18 N E Or Lat 40.6046 /Long -80.4141

PHYSICAL DESCRIPTION

Resource Classification: Building # Resources 2
Historic Property Function: Domestic - Single Dwelling
Current Property Function: Domestic - Single Dwelling
Year Built: c. 1955
Architectural Style: No style
Materials: Foundation: Concrete
Walls: Vinyl
Roof: Asphalt
Width in Bays: 4 Stories: 1

SURVEYOR INFORMATION

Name: Michael Kenneally
Project Name: Shell Falcon Ethane Pipeline Date: December 29, 2016
Project Location: Washington, Allegheny, and Beaver Counties
Organization Name: AECOM
Organization Address: 681 Andersen Drive, Suite 400, Pittsburgh, PA 15220
Previous Survey(s): N/A
PHMC Key No.

Surveyor Eligibility Recommendation: Not Eligible

- Lack of integrity Lack of significance
 Insufficient information to make a recommendation



Caption: Dwelling (c. 1955), Northeast (front) and Southeast Elevations, View Southwest.



Caption: Dwelling (c. 1955), Northeast (front) and Northwest Elevations and Garage (c. 1980), View South.



Kennedy Road

Dwelling (c. 1955)

Garage (c. 1980)



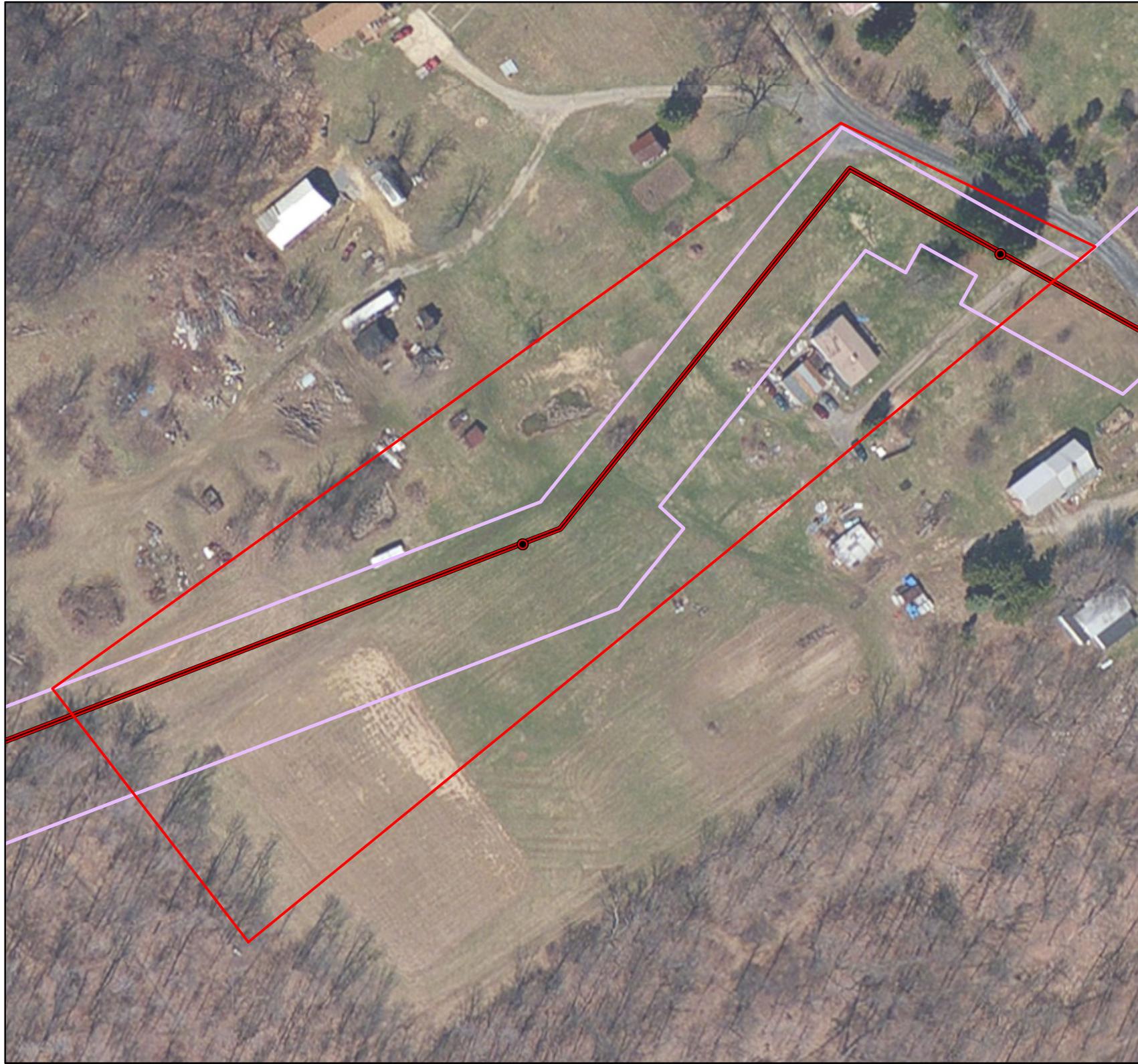
Lokomski House
185 Kennedy Road
Hookstown, PA 15050
Raccoon Township, Beaver County

**SHELL PIPELINE COMPANY, LP
FALCON ETHANE PIPELINE PROJECT**

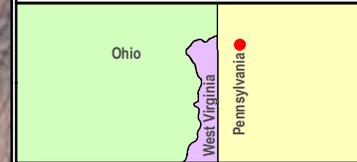
Resource 57 - Lokomski House 1

LEGEND

-  Limit of Disturbance
- Proposed Centerline with Mileposts**
-  Cadiz to Scio
-  Scio to Monaca
-  Houston to Monaca
- Above-Ground Resources**
-  Above-Ground Resources



Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
All data current to 03/14/2017 alignment.

DRAWN BY: NMS DATE: 3/23/2017
APPROVED BY: --- PROJECT #: 60487539

0 20 40 80 Feet



0 5 10 20 Meters

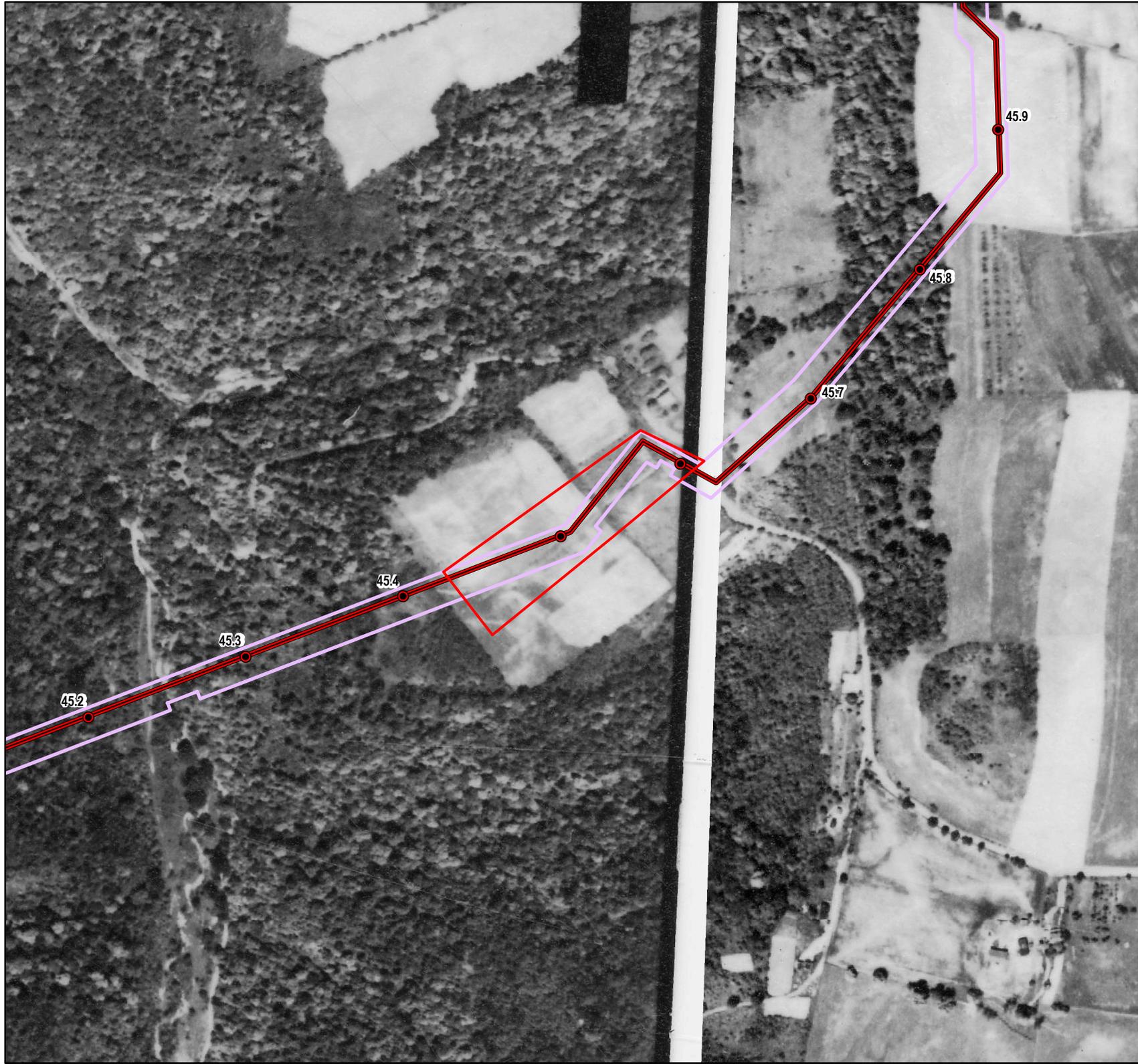


**SHELL PIPELINE COMPANY, LP
 FALCON ETHANE PIPELINE PROJECT**

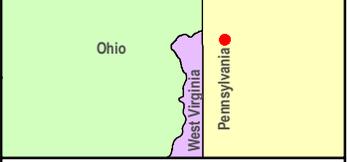
Resource 57 - Lokomski House 1

LEGEND

-  Limit of Disturbance
- Proposed Centerline with Mileposts**
-  Cadiz to Scio
-  Scio to Monaca
-  Houston to Monaca
- Above-Ground Resources**
-  Above-Ground Resources

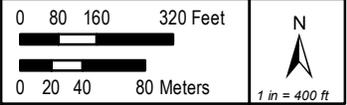


Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 03/14/2017 alignment.

DRAWN BY: NMS DATE: 3/23/2017
 APPROVED BY: --- PROJECT #: 60487539



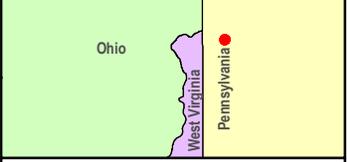
Resource 57 - Lokomski House 1

LEGEND

-  Limit of Disturbance
-  Proposed Centerline with Mileposts
-  Cadiz to Scio
-  Scio to Monaca
-  Houston to Monaca
- Above-Ground Resources**
-  Above-Ground Resources

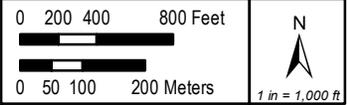


Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 03/14/2017 alignment.

DRAWN BY: NMS DATE: 3/23/2017
 APPROVED BY: --- PROJECT #: 60487539



**Abbreviated Historic Resource Survey Form
Pennsylvania Historical & Museum Commission**

IDENTIFICATION AND LOCATION

ER #: 2015-1839-042

Survey Code: 58

Tax Parcel: 75-192-0109.000

County: Beaver

Municipality: Raccoon

Township

Address: 177 Kennedy Road, Hookstown, PA 15050

Historic/Other Name: Lokomski House

Owner Name/Address: Michael and Elizabeth Lokomski
177 Kennedy Road, Hookstown, PA

Owner Category: Private

USGS Quad: Hookstown

UTM: Zone 18 N E Or Lat 40.6043 /Long -80.4136

PHYSICAL DESCRIPTION

Resource Classification: Building # Resources 1

Historic Property Function: Domestic - Single Dwelling

Current Property Function: Domestic - Single Dwelling

Year Built: c. 1955

Architectural Style: No style

Materials: Foundation: Concrete

Walls: Weatherboard

Roof: Asphalt

Width in Bays: 3

Stories: 1.5

SURVEYOR INFORMATION

Name: Michael Kenneally

Project Name: Shell Falcon Ethane Pipeline

Date: December 29, 2016

Project Location: Washington, Allegheny, and Beaver Counties

Organization Name: AECOM

Organization Address: 681 Andersen Drive, Suite 400, Pittsburgh, PA 15220

Previous Survey(s): N/A

PHMC Key No.

Surveyor Eligibility Recommendation: Not Eligible

- Lack of integrity Lack of significance
 Insufficient information to make a recommendation



Caption: Dwelling (c. 1955), Southeast (front) and Northeast Elevations, View West.



Caption: Dwelling (c. 1955), Northeast and Northwest Elevations, View South.



Dwelling (c. 1955)

Kennedy Road

Garage (c. 1970)



Lokomski House
177 Kennedy Road
Hookstown, PA 15050
Raccoon Township, Beaver County



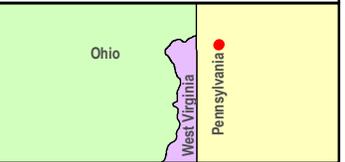
**SHELL PIPELINE COMPANY, LP
 FALCON ETHANE PIPELINE PROJECT**

Resource 58 - Lokomski House 2

LEGEND

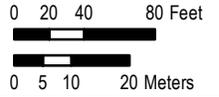
- Limit of Disturbance
- Proposed Centerline with Mileposts**
- Cadiz to Scio
- Scio to Monaca
- Houston to Monaca
- Above-Ground Resources**
- Above-Ground Resources

Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 03/14/2017 alignment.

DRAWN BY: NMS DATE: 3/23/2017
 APPROVED BY: --- PROJECT #: 60487539



**SHELL PIPELINE COMPANY, LP
 FALCON ETHANE PIPELINE PROJECT**

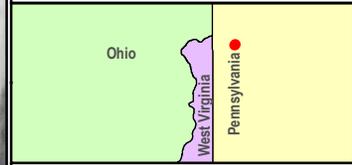
Resource 58 - Lokomski House 2

LEGEND

-  Limit of Disturbance
- Proposed Centerline with Mileposts**
-  Cadiz to Scio
-  Scio to Monaca
-  Houston to Monaca
- Above-Ground Resources**
-  Above-Ground Resources



Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 03/14/2017 alignment.

DRAWN BY: NMS DATE: 3/23/2017
 APPROVED BY: --- PROJECT #: 60487539



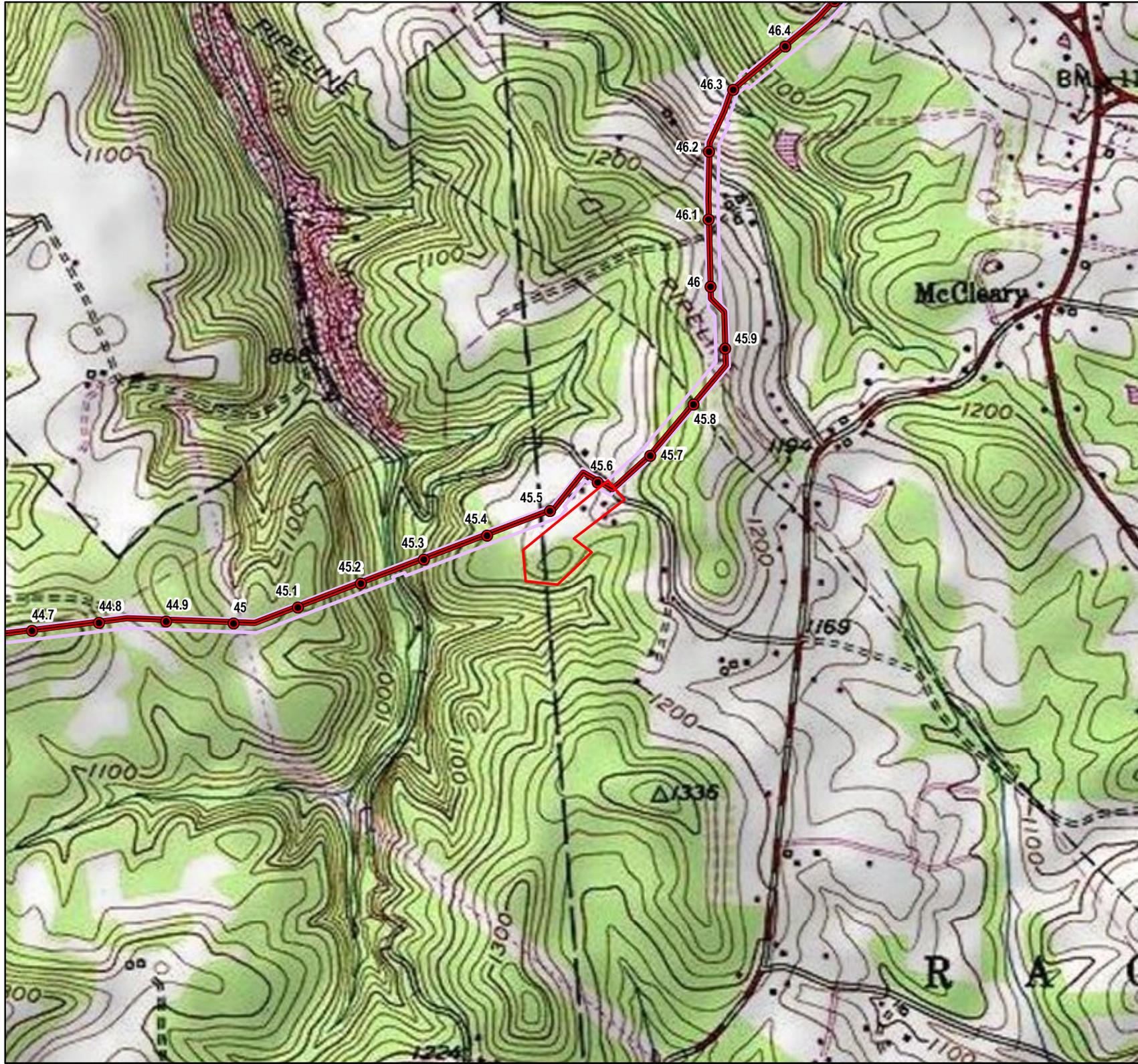
1 in = 400 ft

**SHELL PIPELINE COMPANY, LP
 FALCON ETHANE PIPELINE PROJECT**

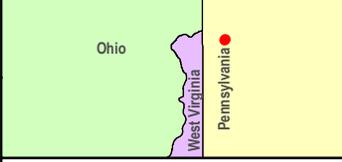
Resource 58 - Lokomski House 2

LEGEND

-  Limit of Disturbance
- Proposed Centerline with Mileposts**
-  Cadiz to Scio
-  Scio to Monaca
-  Houston to Monaca
- Above-Ground Resources**
-  Above-Ground Resources

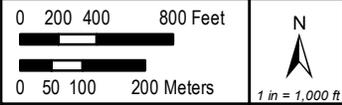


Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 03/14/2017 alignment.

DRAWN BY: NMS DATE: 3/23/2017
 APPROVED BY: --- PROJECT #: 60487539



**Abbreviated Historic Resource Survey Form
Pennsylvania Historical & Museum Commission**

IDENTIFICATION AND LOCATION

ER #: 2015-1839-042

Survey Code: 59

Tax Parcel: 75-192-0110.001

County: Beaver

Municipality: Raccoon

Township

Address: 194 Kennedy Road, Hookstown, PA 15050

Historic/Other Name: Franc House

Owner Name/Address: John and Martha Franc

194 Kennedy Road, Hookstown, PA

Owner Category: Private

USGS Quad: Hookstown

UTM: Zone 18 N

E

Or Lat 40.6053

/Long -80.4141

PHYSICAL DESCRIPTION

Resource Classification: Building

Resources 3

Historic Property Function: Domestic - Single Dwelling

Current Property Function: Domestic - Single Dwelling

Year Built: c. 1910

Architectural Style: Other

Materials: Foundation: Concrete

Walls: Vinyl

Roof: Asphalt

Width in Bays: 3

Stories: 2.5

SURVEYOR INFORMATION

Name: Michael Kenneally

Project Name: Shell Falcon Ethane Pipeline

Date: December 29, 2016

Project Location: Washington, Allegheny, and Beaver Counties

Organization Name: AECOM

Organization Address: 681 Andersen Drive, Suite 400, Pittsburgh, PA 15220

Previous Survey(s): N/A

PHMC Key No.

Surveyor Eligibility Recommendation: Not Eligible

Lack of integrity

Lack of significance

Insufficient information to make a recommendation



Caption: Dwelling (c. 1910), Southwest (front) and Southeast Elevations, View North.



Caption: Garage (c. 1980), View North.

Franc House
194 Kennedy Road, Hookstown, PA
Raccoon Township, Beaver County



Shed/Carport (c. 2000), View North



Dwelling (c. 1910) with Garage (c. 1980/c.2000) behind, View Northwest



Garage Addition (c. 2000)

Shed/Carport (c. 2000)

Garage (c. 1980)

Dwelling (c. 1910)

Franc House
194 Kennedy Road
Hookstown, PA 15050
Raccoon Township, Beaver County

Kennedy Road



**SHELL PIPELINE COMPANY, LP
 FALCON ETHANE PIPELINE PROJECT**

Resource 59 - Franc House

LEGEND

-  Limit of Disturbance
- Proposed Centerline with Mileposts**
-  Cadiz to Scio
-  Scio to Monaca
-  Houston to Monaca
- Above-Ground Resources**
-  Above-Ground Resources



Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 03/14/2017 alignment.

DRAWN BY: NMS DATE: 3/23/2017
 APPROVED BY: --- PROJECT #: 60487539

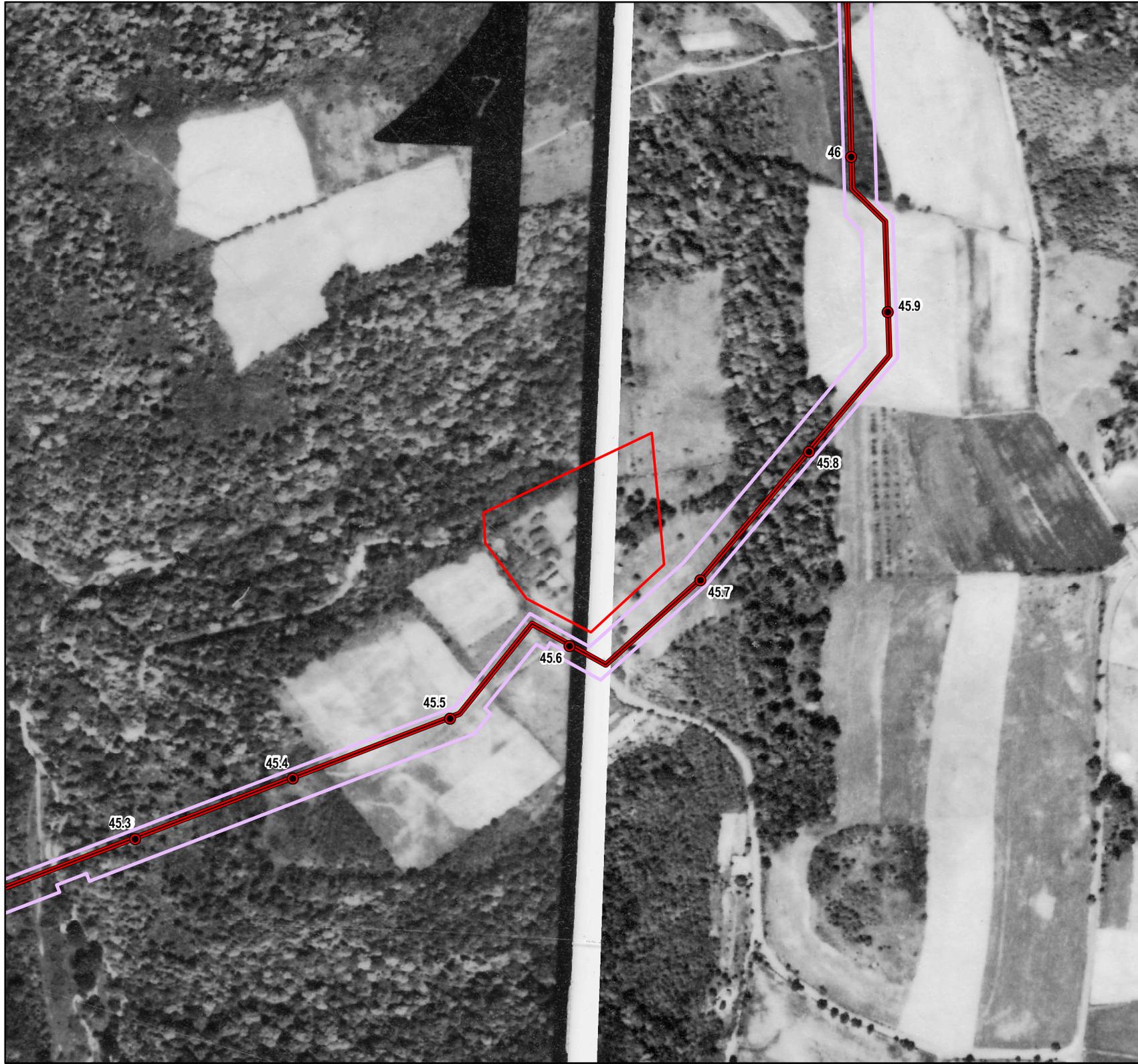


**SHELL PIPELINE COMPANY, LP
 FALCON ETHANE PIPELINE PROJECT**

Resource 59 - Franc House

LEGEND

-  Limit of Disturbance
- Proposed Centerline with Mileposts**
-  Cadiz to Scio
-  Scio to Monaca
-  Houston to Monaca
- Above-Ground Resources**
-  Above-Ground Resources

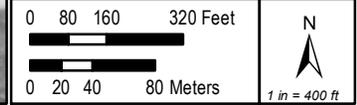


Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 03/14/2017 alignment.

DRAWN BY: NMS DATE: 3/23/2017
 APPROVED BY: --- PROJECT #: 60487539

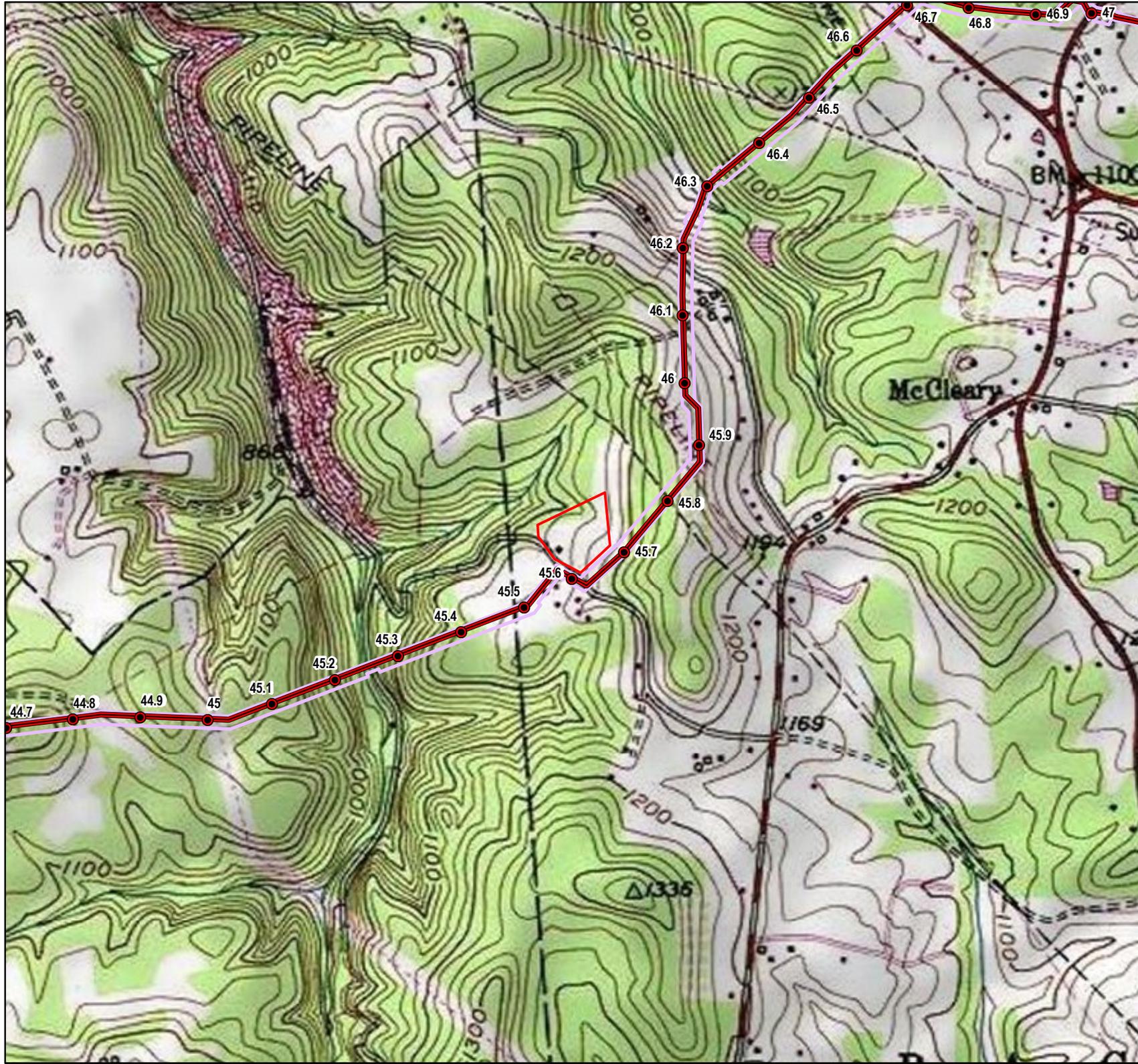


**SHELL PIPELINE COMPANY, LP
 FALCON ETHANE PIPELINE PROJECT**

Resource 59 - Franc House

LEGEND

-  Limit of Disturbance
-  Proposed Centerline with Mileposts
-  Cadiz to Scio
-  Scio to Monaca
-  Houston to Monaca
- Above-Ground Resources**
-  Above-Ground Resources

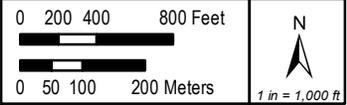


Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 03/14/2017 alignment.

DRAWN BY: NMS DATE: 3/23/2017
 APPROVED BY: --- PROJECT #: 60487539



**Abbreviated Historic Resource Survey Form
Pennsylvania Historical & Museum Commission**

IDENTIFICATION AND LOCATION

ER #: 2015-1839-042

Survey Code: 60

Tax Parcel: 75-192-0102.000

County: Beaver

Municipality: Raccoon

Township

Address: 169 Moores Road, Aliquippa, PA 15001

Historic/Other Name: Dobich Farmstead

Owner Name/Address: David Dobich

169 Moores Road, Aliquippa, PA 15001

Owner Category: Private

USGS Quad: Hookstown

UTM: Zone 18 N

E

Or Lat 40.6102

/Long -80.4093

PHYSICAL DESCRIPTION

Resource Classification: Building

Resources 4

Historic Property Function: Domestic - Single Dwelling

Current Property Function: Domestic - Single Dwelling

Year Built: c. 1830

Architectural Style: Other

Materials:

Foundation: Stone

Walls: Vinyl

Roof: Asphalt

Width in Bays: 5

Stories: 2

SURVEYOR INFORMATION

Name: Michael Kenneally

Project Name: Shell Falcon Ethane Pipeline

Date: December 29, 2016

Project Location: Washington, Allegheny, and Beaver Counties

Organization Name: AECOM

Organization Address: 681 Andersen Drive, Suite 400, Pittsburgh, PA 15220

Previous Survey(s): N/A

PHMC Key No.

Surveyor Eligibility Recommendation: Not Eligible

Lack of integrity

Lack of significance

Insufficient information to make a recommendation



Caption: Dwelling (c. 1830), East (front) and South Elevations, View Northwest.



Caption: Dwelling (c. 1830), East (front) Elevation, View West.

Dobich Farmstead
169 Moores Road, Aliquippa, PA
Raccoon Township, Beaver County



Machine Shed/Workshop (c. 1950) and Equipment Shed (c. 1950), View Southwest



Equipment Shed (c. 1950) behind, View Southwest

Dobich Farmstead
169 Moores Road, Aliquippa, PA
Raccoon Township, Beaver County



Machine Shed/Workshop (c. 1950), View Southeast



Gable-Entry Bank Barn (c. 1955) and Addition (c. 1970), View Southwest

Dobich Farmstead
169 Moores Road, Aliquippa, PA
Raccoon Township, Beaver County



Gable-Entry Bank Barn (c. 1955) and Addition (c. 1970), View South



Gable-Entry Bank Barn (c. 1955) and Addition (c. 1970), View Southwest



Gable-Entry Bank Barn (c. 1955)

Addition (c. 1970)

Equipment Shed (c. 1950)

Machine Shed/Workshop (c. 1950)

Addition (c. 2000)

Enclosed Porch

Moore's Road

Dwelling (c. 1830)

Dobich Farm
169 Moore's Road
Aliquippa, PA 15001
Raccoon Township, Beaver County

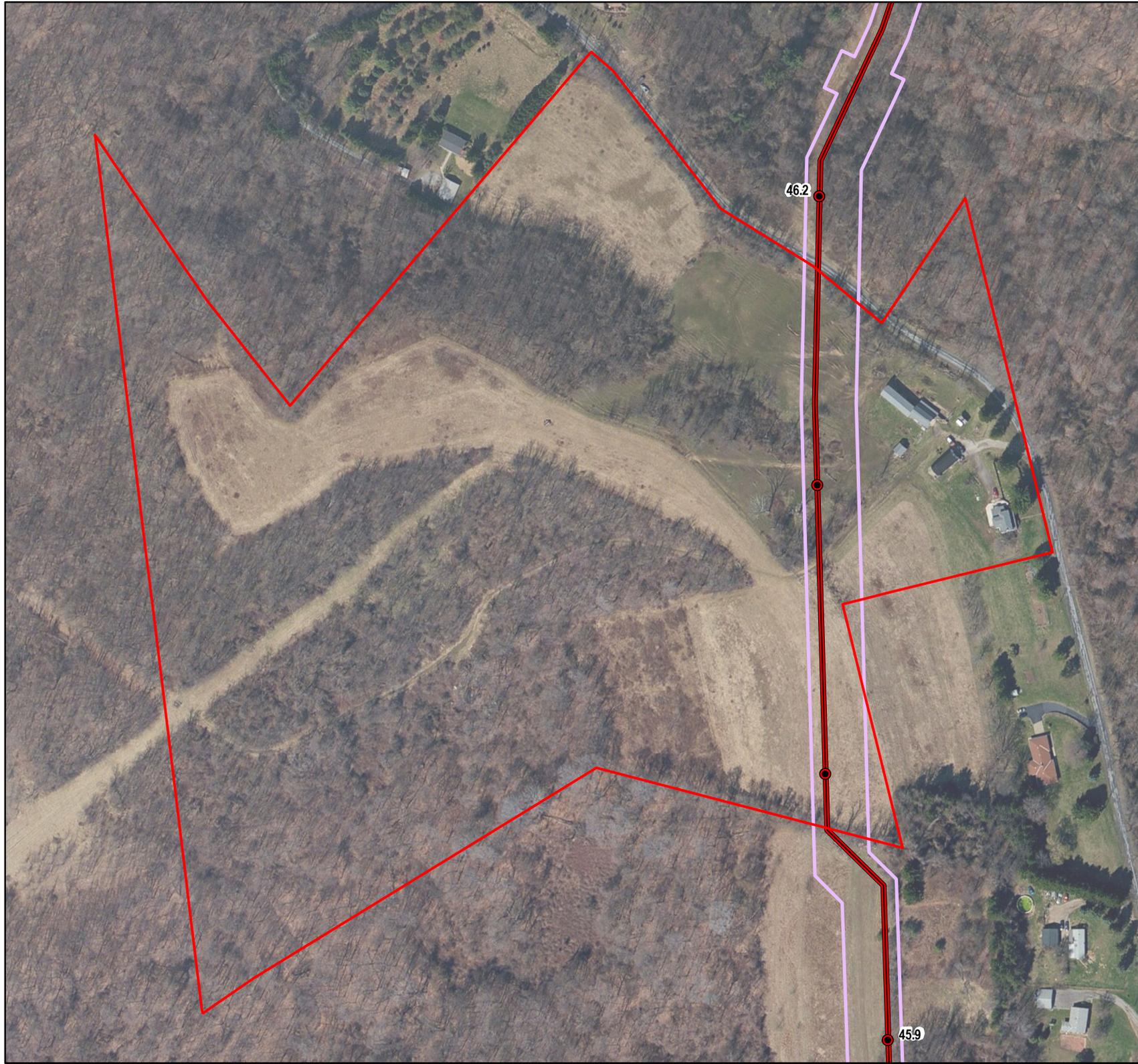


**SHELL PIPELINE COMPANY, LP
 FALCON ETHANE PIPELINE PROJECT**

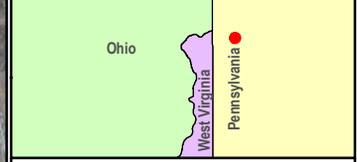
Resource 60 - Dobich Farm

LEGEND

-  Limit of Disturbance
- Proposed Centerline with Mileposts**
-  Cadiz to Scio
-  Scio to Monaca
-  Houston to Monaca
- Above-Ground Resources**
-  Above-Ground Resources

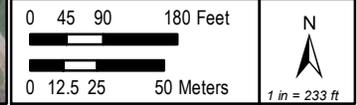


Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 03/14/2017 alignment.

DRAWN BY: NMS DATE: 3/23/2017
 APPROVED BY: --- PROJECT #: 60487539



**SHELL PIPELINE COMPANY, LP
 FALCON ETHANE PIPELINE PROJECT**

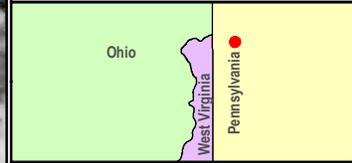
Resource 60 - Dobich Farm

LEGEND

-  Limit of Disturbance
- Proposed Centerline with Mileposts**
-  Cadiz to Scio
-  Scio to Monaca
-  Houston to Monaca
- Above-Ground Resources**
-  Above-Ground Resources



Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 03/14/2017 alignment.

DRAWN BY: NMS DATE: 3/23/2017
 APPROVED BY: --- PROJECT #: 60487539



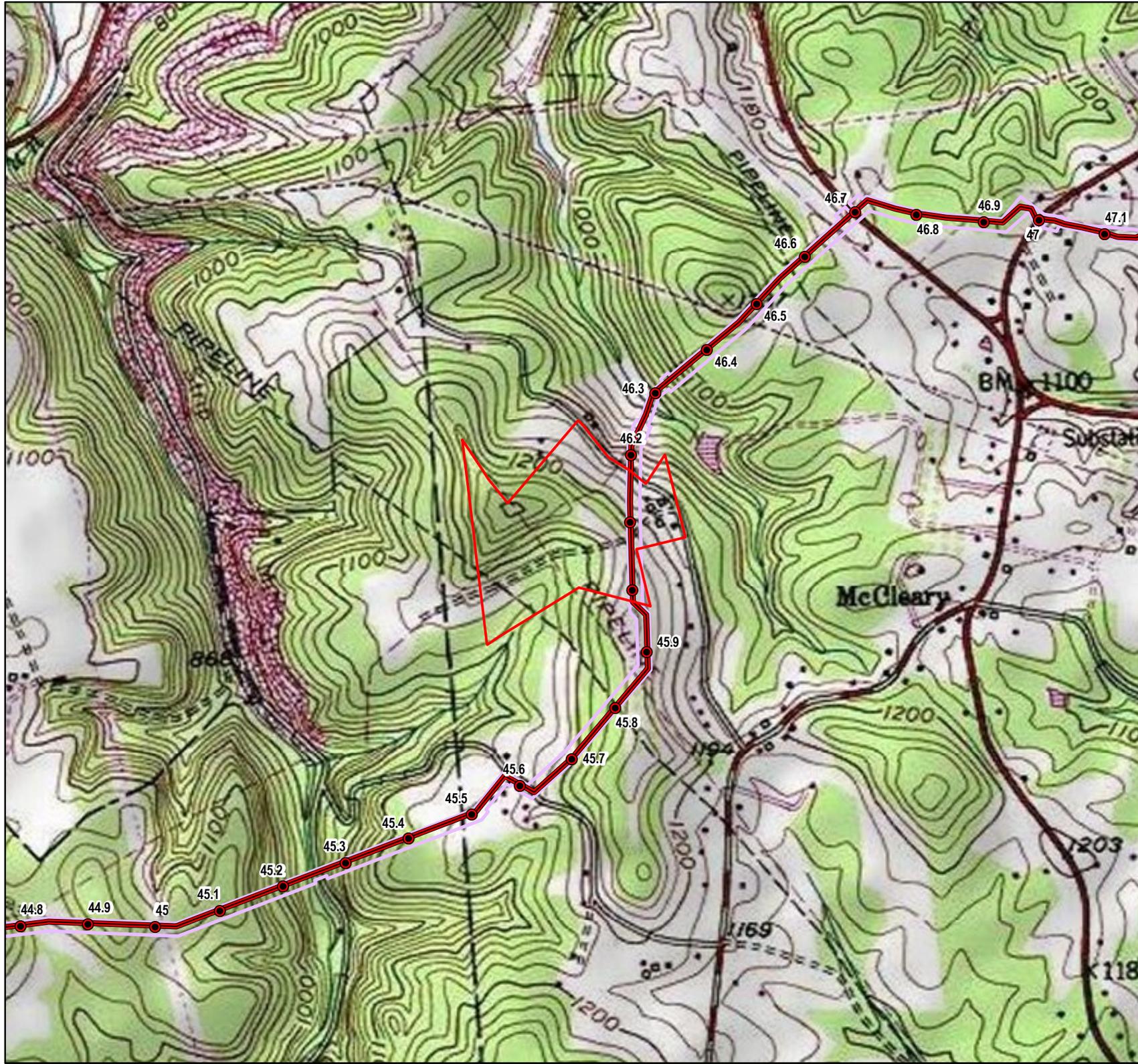
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**SHELL PIPELINE COMPANY, LP
 FALCON ETHANE PIPELINE PROJECT**

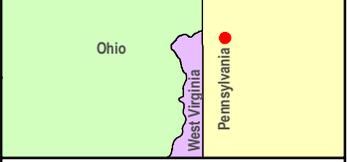
Resource 60 - Dobich Farm

LEGEND

-  Limit of Disturbance
-  Proposed Centerline with Mileposts
-  Cadiz to Scio
-  Scio to Monaca
-  Houston to Monaca
- Above-Ground Resources**
-  Above-Ground Resources

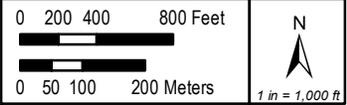


Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 03/14/2017 alignment.

DRAWN BY: NMS DATE: 3/23/2017
 APPROVED BY: --- PROJECT #: 60487539



**Abbreviated Historic Resource Survey Form
Pennsylvania Historical & Museum Commission**

IDENTIFICATION AND LOCATION

ER #: 2015-1839-042

Survey Code: 61

Tax Parcel: 75-024-0100.000

County: Beaver

Municipality: Raccoon

Township

Address: 1022 Frankfort Road, Aliquippa, PA 15001

Historic/Other Name: Smith House

Owner Name/Address: Roseanne Smith

1022 Frankfort Road, Aliquippa, PA 15001

Owner Category: Private

USGS Quad: Hookstown

UTM: Zone 18 N

E

Or Lat 40.6095

/Long -80.4004

PHYSICAL DESCRIPTION

Resource Classification: Building

Resources 3

Historic Property Function: Domestic - Single Dwelling

Current Property Function: Domestic - Single Dwelling

Year Built: c. 1880

Architectural Style: Federal

Materials:

Foundation: Stone

Walls: Aluminum

Roof: Asphalt

Width in Bays: 3

Stories: 2.5

SURVEYOR INFORMATION

Name: Michael Kenneally

Project Name: Shell Falcon Ethane Pipeline

Date: December 29, 2016

Project Location: Washington, Allegheny, and Beaver Counties

Organization Name: AECOM

Organization Address: 681 Andersen Drive, Suite 400, Pittsburgh, PA 15220

Previous Survey(s): N/A

PHMC Key No.

Surveyor Eligibility Recommendation: Not Eligible

Lack of integrity

Lack of significance

Insufficient information to make a recommendation



Caption: Dwelling (c. 1880), East (front) and South Elevations, View Northwest.



Caption: Dwelling (c. 1880), East (front) and North Elevations, View Southwest.

Smith House
1022 Frankfort Road, Aliquippa, PA
Raccoon Township, Beaver County



Basement Barn (c. 1950) converted to Secondary Residence, View Southwest



Basement Barn (c. 1950) converted to Secondary Residence, View Southeast

Smith House
1022 Frankfort Road, Aliquippa, PA
Raccoon Township, Beaver County



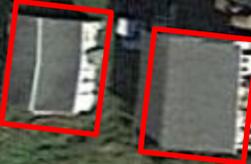
Workshop (c. 1980), View South



Converted Basement Barn (c. 1950)

Frankfort Road

Workshop (c. 1980)



Dwelling (c. 1880)



Smith House
1022 Frankfort Road
Aliquippa, PA 15001
Raccoon Township, Beaver County

**SHELL PIPELINE COMPANY, LP
 FALCON ETHANE PIPELINE PROJECT**

Resource 61 - Smith House

LEGEND

 Limit of Disturbance

Proposed Centerline with Mileposts

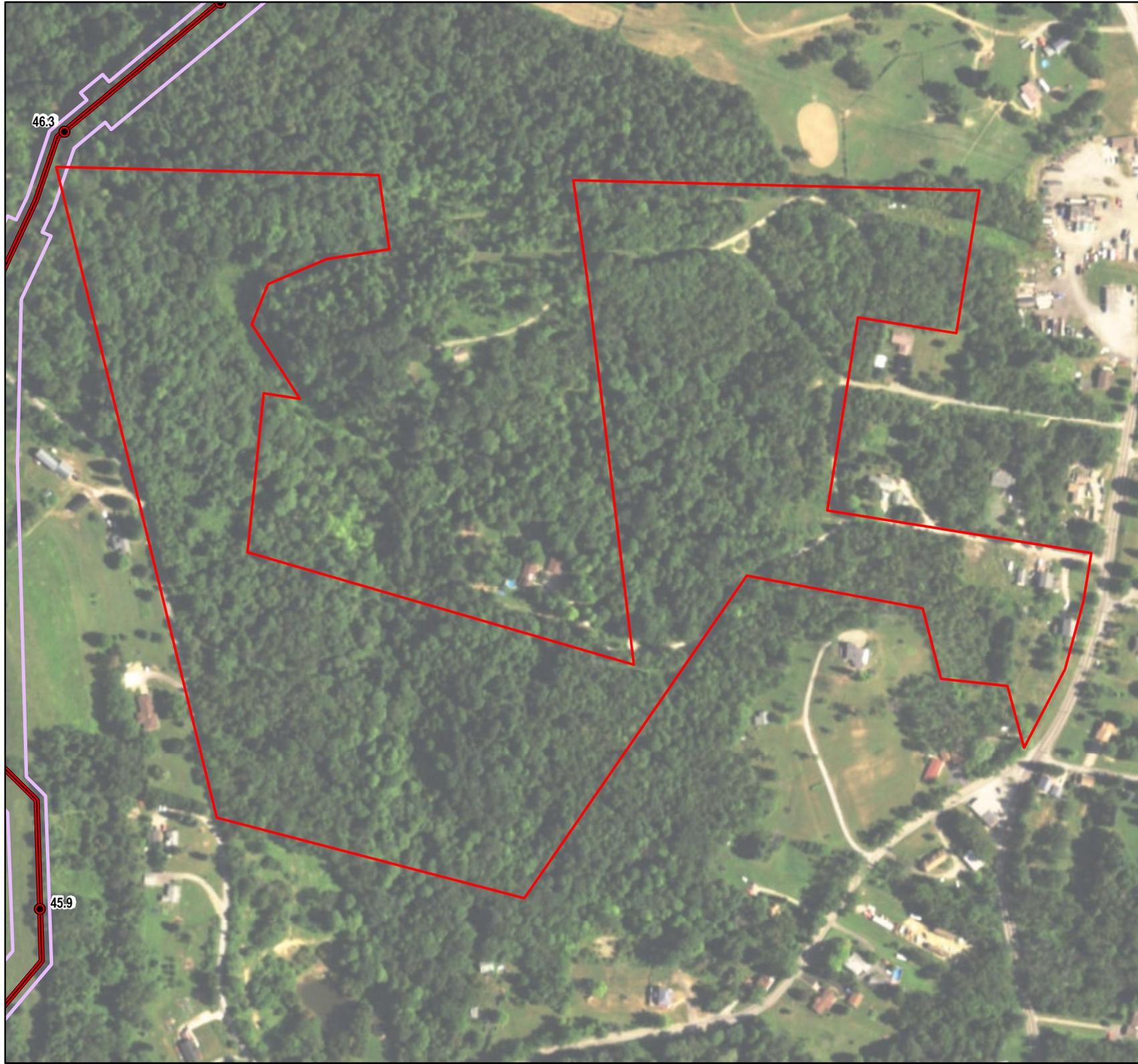
 Cadiz to Scio

 Scio to Monaca

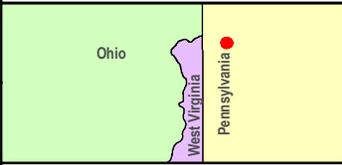
 Houston to Monaca

Above-Ground Resources

 Above-Ground Resources



Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 03/14/2017 alignment.

DRAWN BY: NMS DATE: 3/23/2017
 APPROVED BY: --- PROJECT #: 60487539

0 65 130 260 Feet



0 15 30 60 Meters



**SHELL PIPELINE COMPANY, LP
 FALCON ETHANE PIPELINE PROJECT**

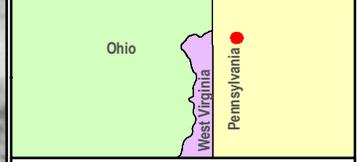
Resource 61 - Smith House

LEGEND

-  Limit of Disturbance
- Proposed Centerline with Mileposts**
-  Cadiz to Scio
-  Scio to Monaca
-  Houston to Monaca
- Above-Ground Resources**
-  Above-Ground Resources

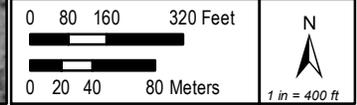


Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 03/14/2017 alignment.

DRAWN BY: NMS DATE: 3/23/2017
 APPROVED BY: --- PROJECT #: 60487539

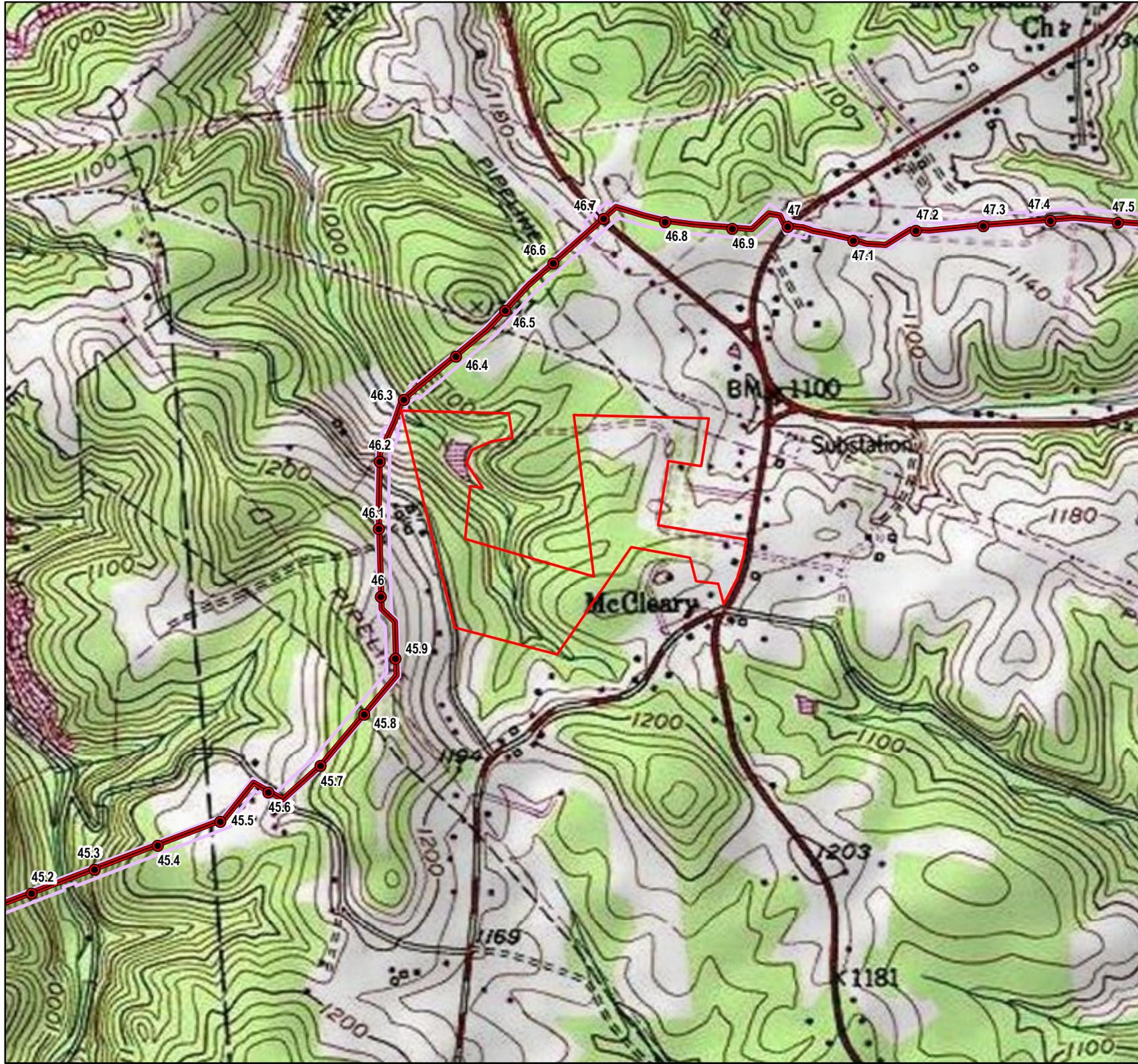


**SHELL PIPELINE COMPANY, LP
 FALCON ETHANE PIPELINE PROJECT**

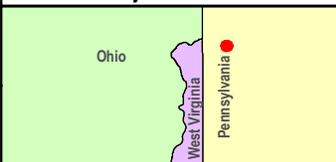
Resource 61 - Smith House

LEGEND

-  Limit of Disturbance
-  Proposed Centerline with Mileposts
-  Cadiz to Scio
-  Scio to Monaca
-  Houston to Monaca
- Above-Ground Resources**
-  Above-Ground Resources



Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 03/14/2017 alignment.

DRAWN BY: NMS DATE: 3/23/2017
 APPROVED BY: --- PROJECT #: 60487539

0 200 400 800 Feet



0 50 100 200 Meters



**Abbreviated Historic Resource Survey Form
Pennsylvania Historical & Museum Commission**

IDENTIFICATION AND LOCATION

ER #: 2015-1839-042

Survey Code: 62

Tax Parcel: 75-182-0151.000

County: Beaver

Municipality: Raccoon

Township

Address: 101 Shippingport Road, Aliquippa, PA 15001

Historic/Other Name: Larriza Farm

Owner Name/Address: Gary Larizza

101 Shippingport Road, Aliquippa, PA 15001

Owner Category: Private

USGS Quad: Hookstown

UTM: Zone 18 N E Or Lat /Long

PHYSICAL DESCRIPTION

Resource Classification: Building # Resources 3

Historic Property Function: Domestic - Single Dwelling

Current Property Function: Domestic - Single Dwelling

Year Built: c. 1820

Architectural Style: Federal

Materials: Foundation: Stone

Walls: Vinyl

Roof: Asphalt

Width in Bays: 3

Stories: 2.5

SURVEYOR INFORMATION

Name: Michael Kenneally

Project Name: Shell Falcon Ethane Pipeline

Date: December 29, 2016

Project Location: Washington, Allegheny, and Beaver Counties

Organization Name: AECOM

Organization Address: 681 Andersen Drive, Suite 400, Pittsburgh, PA 15220

Previous Survey(s): N/A

PHMC Key No.

Surveyor Eligibility Recommendation: Not Eligible

Lack of integrity Lack of significance

Insufficient information to make a recommendation



Caption: Dwelling (c. 1820), North (front) and East Elevations, View South.



Caption: Dwelling (c. 1820), South (rear) and East Elevations, View West.

Larizza Farm
101 Shippingport Road, Aliquippa, PA
Raccoon Township, Beaver County



Stable (c. 1980), East Elevation, View West



Shippingport Road

Dwelling (c. 1820)

Garage Addition

Poultry House (c. 2000)

Stable (c. 1980)

Larizza Farm
101 Shippingport Road
Aliquippa, PA 15001
Raccoon Township, Beaver County

Frankfort Road



**SHELL PIPELINE COMPANY, LP
 FALCON ETHANE PIPELINE PROJECT**

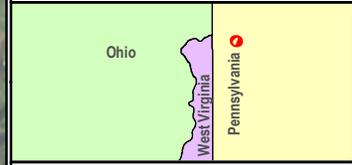
Resource 62

LEGEND

-  Limit of Disturbance
- Proposed Centerline with Mileposts**
-  Cadiz to Scio
-  Scio to Monaca
-  Houston to Monaca
- Above-Ground Resources**
-  Above-Ground Resources

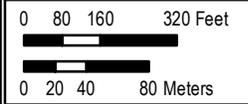


Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 05/22/2017 alignment.

DRAWN BY: NMS DATE: 5/31/2017
 APPROVED BY: --- PROJECT #: 60487539

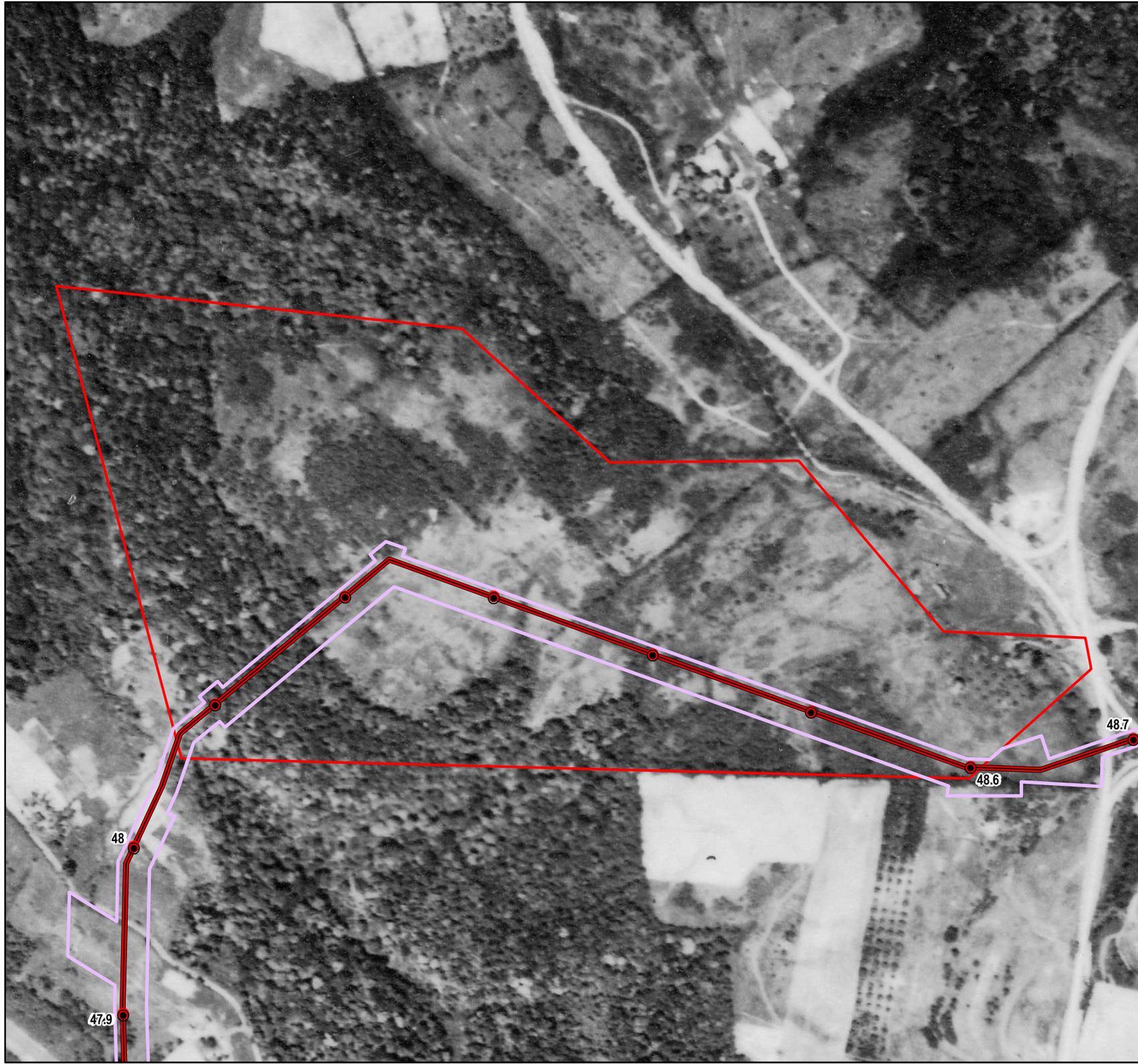


**SHELL PIPELINE COMPANY, LP
 FALCON ETHANE PIPELINE PROJECT**

Resource 62

LEGEND

- Limit of Disturbance
- Proposed Centerline with Mileposts**
- Cadiz to Scio
- Scio to Monaca
- Houston to Monaca
- Above-Ground Resources**
- Above-Ground Resources

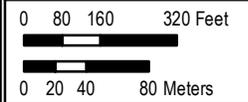


Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 05/22/2017 alignment.

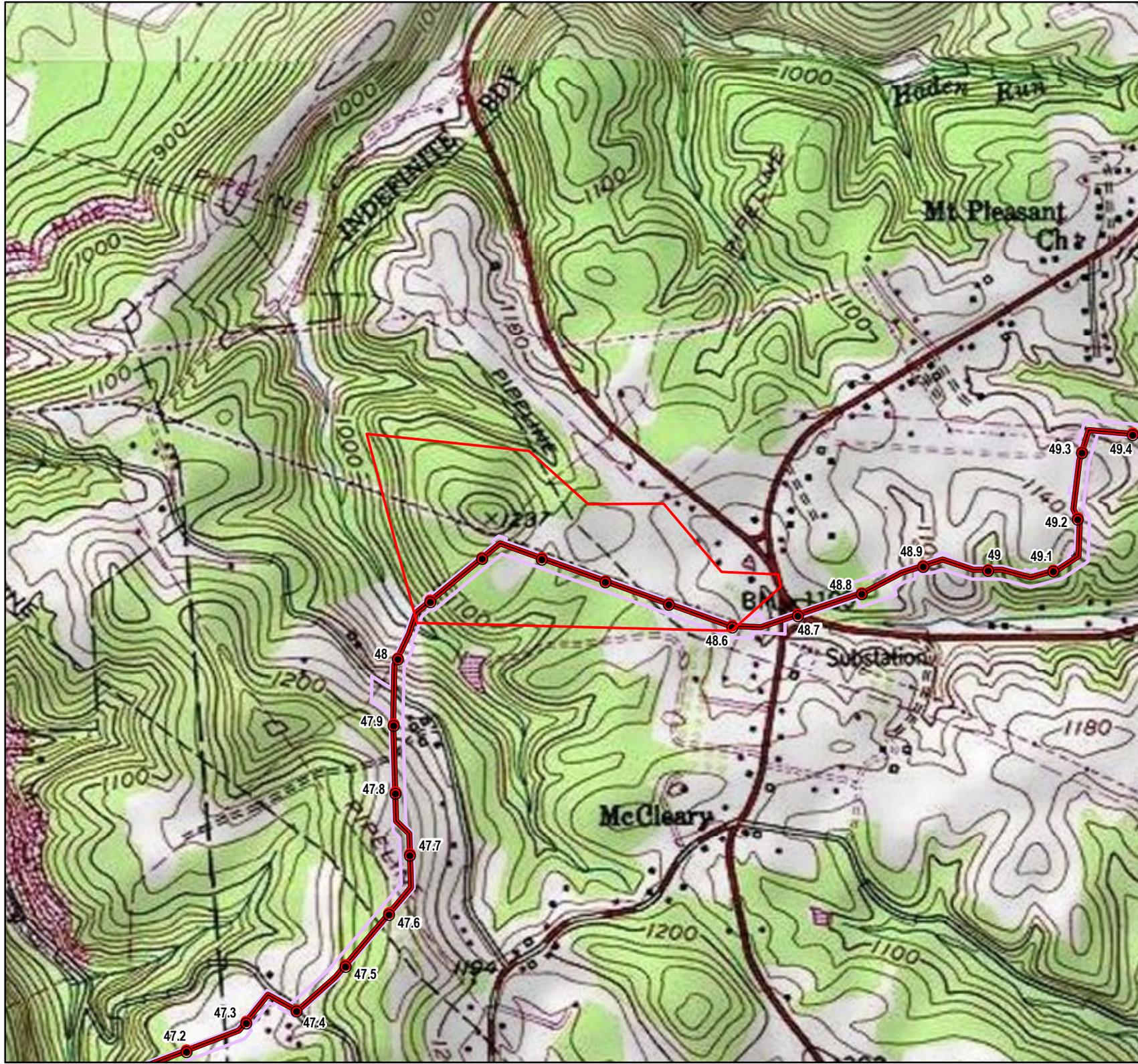
DRAWN BY: NMS DATE: 5/31/2017
 APPROVED BY: --- PROJECT #: 60487539



Resource 62

LEGEND

-  Limit of Disturbance
-  Proposed Centerline with Mileposts
-  Cadiz to Scio
-  Scio to Monaca
-  Houston to Monaca
- Above-Ground Resources**
-  Above-Ground Resources

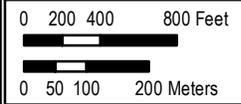


Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 05/22/2017 alignment.

DRAWN BY: NMS DATE: 5/31/2017
 APPROVED BY: --- PROJECT #: 60487539



**Abbreviated Historic Resource Survey Form
Pennsylvania Historical & Museum Commission**

IDENTIFICATION AND LOCATION

ER #: 2015-1839-042

Survey Code: 68

Tax Parcel: 460-012-00-00-0002-01

County: Washington

Municipality: Mount Pleasant

Township

Address: 128 Primrose Road, McDonald, PA 15057

Historic/Other Name: King House

Owner Name/Address: Lynette E. King

128 Primrose Road, McDonald, PA 15057

Owner Category: Private

USGS Quad: Midway

UTM: Zone 17 N

E

Or Lat 40.337181

/Long -80.256667

PHYSICAL DESCRIPTION

Resource Classification: Building

Resources 1

Historic Property Function: Agriculture/Subsistence

Current Property Function: Domestic - Single Dwelling

Year Built: c. 1965

Architectural Style: Other

Materials:

Foundation: Concrete

Walls: Brick

Roof: Asphalt

Width in Bays: 5

Stories: 1

SURVEYOR INFORMATION

Name: Michael Kenneally

Project Name: Shell Falcon Ethane Pipeline

Date: March 16, 2017

Project Location: Washington, Allegheny, and Beaver Counties

Organization Name: AECOM

Organization Address: 681 Andersen Drive, Suite 400, Pittsburgh, PA 15220

Previous Survey(s): N/A

PHMC Key No.

Surveyor Eligibility Recommendation: Not Eligible

Lack of integrity

Lack of significance

Insufficient information to make a recommendation



Caption: Dwelling (c. 1965), West (front) and South Elevations, View Northeast.



Caption: Workshop (c. 1965), South (front) and West Elevations, View Northeast.

King House
128 Primrose Road, McDonald, PA
Mount Pleasant Township, Washington County



Pole barn (c. 1980), West (front) Elevation, View East.



Metal silos (c. 1980), West Elevation, View Southeast.



Vehicle/Equipment shed (c. 1980), North Elevation, View South.



Dwelling (c. 1965)



Workshop (c. 1965)



Pole barn (c. 1980)



Metal silos (c. 1980)



Vehicle/Equipment shed (c. 1980)

Primrose Road

King House
128 Primrose Road
McDonald, PA 15057
Mount Pleasant Township, Washington County

**SHELL PIPELINE COMPANY, LP
 FALCON ETHANE PIPELINE PROJECT**

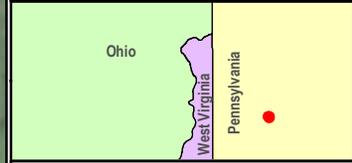
Resource 68

LEGEND

-  Limit of Disturbance
- Proposed Centerline with Mileposts**
-  Cadiz to Scio
-  Scio to Monaca
-  Houston to Monaca
- Above-Ground Resources**
-  Above-Ground Resources

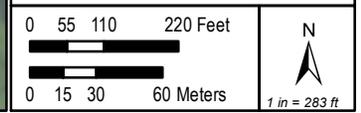


Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 05/22/2017 alignment.

DRAWN BY: NMS DATE: 5/31/2017
 APPROVED BY: --- PROJECT #: 60487539



**SHELL PIPELINE COMPANY, LP
 FALCON ETHANE PIPELINE PROJECT**

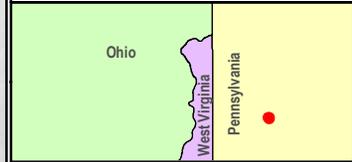
Resource 68

LEGEND

- Limit of Disturbance
- Proposed Centerline with Mileposts**
- Cadiz to Scio
- Scio to Monaca
- Houston to Monaca
- Above-Ground Resources**
- Above-Ground Resources

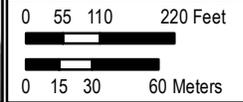


Project Location:



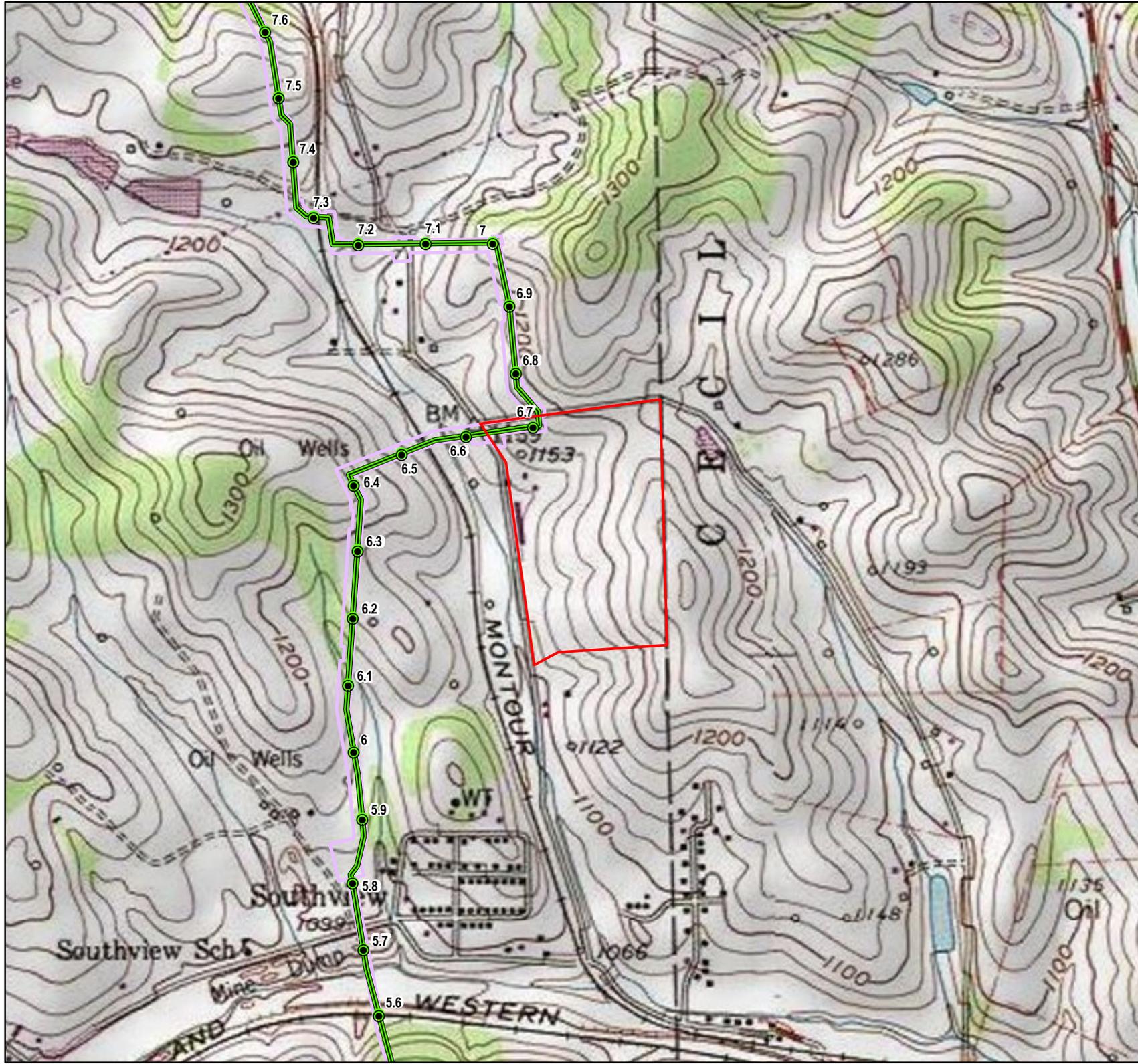
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 All data current to 05/22/2017 alignment.

DRAWN BY: NMS DATE: 5/31/2017
 APPROVED BY: --- PROJECT #: 60487539

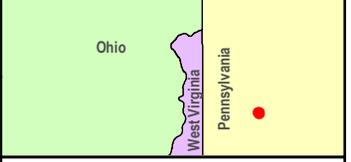


LEGEND

-  Limit of Disturbance
-  Proposed Centerline with Mileposts
-  Cadiz to Scio
-  Scio to Monaca
-  Houston to Monaca
- Above-Ground Resources**
-  Above-Ground Resources

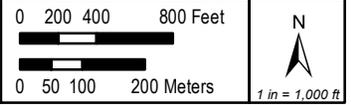


Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 05/22/2017 alignment.

DRAWN BY: NMS DATE: 5/31/2017
 APPROVED BY: --- PROJECT #: 60487539



**Abbreviated Historic Resource Survey Form
Pennsylvania Historical & Museum Commission**

IDENTIFICATION AND LOCATION

ER #: 2015-1839-042

Survey Code: 69

Tax Parcel: 460-021-00-00-0015-00

County: Washington

Municipality: Mount Pleasant

Township

Address: 100 Primrose Road, McDonald, PA 15057

Historic/Other Name: Suty and Wilkes Farm

Owner Name/Address: James Jr and Sonya Suty and Tyler Wilkes
100 Primrose Road, McDonald, PA 15057

Owner Category: Private

USGS Quad: Midway

UTM: Zone 18 N

E

Or Lat 40.3402

/Long -80.2596

PHYSICAL DESCRIPTION

Resource Classification: Building

Resources 7

Historic Property Function: Agriculture/Subsistence

Current Property Function: Domestic - Single Dwelling

Year Built: c. 1870

Architectural Style: No style

Materials:

Foundation: Stone

Walls: Aluminum

Roof: Asphalt

Width in Bays: 3

Stories: 2

SURVEYOR INFORMATION

Name: Mike Kenneally

Project Name: Shell Falcon Ethane Pipeline

Date: 2/14/2017

Project Location: Washington, Allegheny, and Beaver Counties

Organization Name: AECOM

Organization Address: 681 Andersen Drive, Suite 400, Pittsburgh, PA 15220

Previous Survey(s):

PHMC Key No. 802238

Surveyor Eligibility Recommendation: Not Eligible

Lack of integrity

Lack of significance

Insufficient information to make a recommendation



Caption: Dwelling (c. 1870), West (front) and South Elevations, View Northeast.



Caption: Dwelling (c. 1870), West (front) and North Elevations, View Southeast.

Suty and Wilkes Farm
100 Primrose Road, McDonald, PA 15057
Mount Pleasant Township, Washington County



Pole Barn, Milk House, and Milking Parlors (c.1980) , Southeast and Southwest Elevations, View Northeast



Vehicle/Equipment Shed (c. 1980) , Southeast and Southwest Elevations, View Northeast

Suty and Wilkes Farm
100 Primrose Road, McDonald, PA 15057
Mount Pleasant Township, Washington County



Garage/Workshop (c. 1940) , Southeast and Southwest Elevations, View Northeast



Ruinous Corn Crib (c. 1960) , Southwest Elevation, View Northeast

Suty and Wilkes Farm
100 Primrose Road, McDonald, PA 15057
Mount Pleasant Township, Washington County



Metal Wire Silo (c. 1960), View East



Bake House/Oven (c. 1960) , West Elevations, View East



Dwelling (c. 1870)

Bake house (c. 1960)

Corn crib (c. 1960)

Silo (c. 1960)

Garage/Workshop (c. 1980)

Pole Barn, Milk House, Milking Parlors (c. 1980)

Vehicle/ Equipment shed (c. 1980)

Primrose Road

Sutty and Wilkes Farm
100 Primrose Road
McDonald, PA 15057
Mount Pleasant Township, Washington County

**SHELL PIPELINE COMPANY, LP
FALCON ETHANE PIPELINE PROJECT**

Resource 69

LEGEND

-  Limit of Disturbance
- Proposed Centerline with Mileposts**
-  Cadiz to Scio
-  Scio to Monaca
-  Houston to Monaca
- Above-Ground Resources**
-  Above-Ground Resources

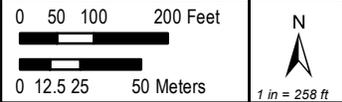


Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
All data current to 05/22/2017 alignment.

DRAWN BY: NMS DATE: 5/31/2017
APPROVED BY: --- PROJECT #: 60487539



**SHELL PIPELINE COMPANY, LP
 FALCON ETHANE PIPELINE PROJECT**

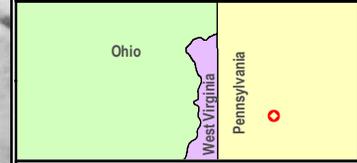
Resource 69

LEGEND

-  Limit of Disturbance
- Proposed Centerline with Mileposts**
-  Cadiz to Scio
-  Scio to Monaca
-  Houston to Monaca
- Above-Ground Resources**
-  Above-Ground Resources

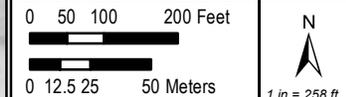


Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 05/22/2017 alignment.

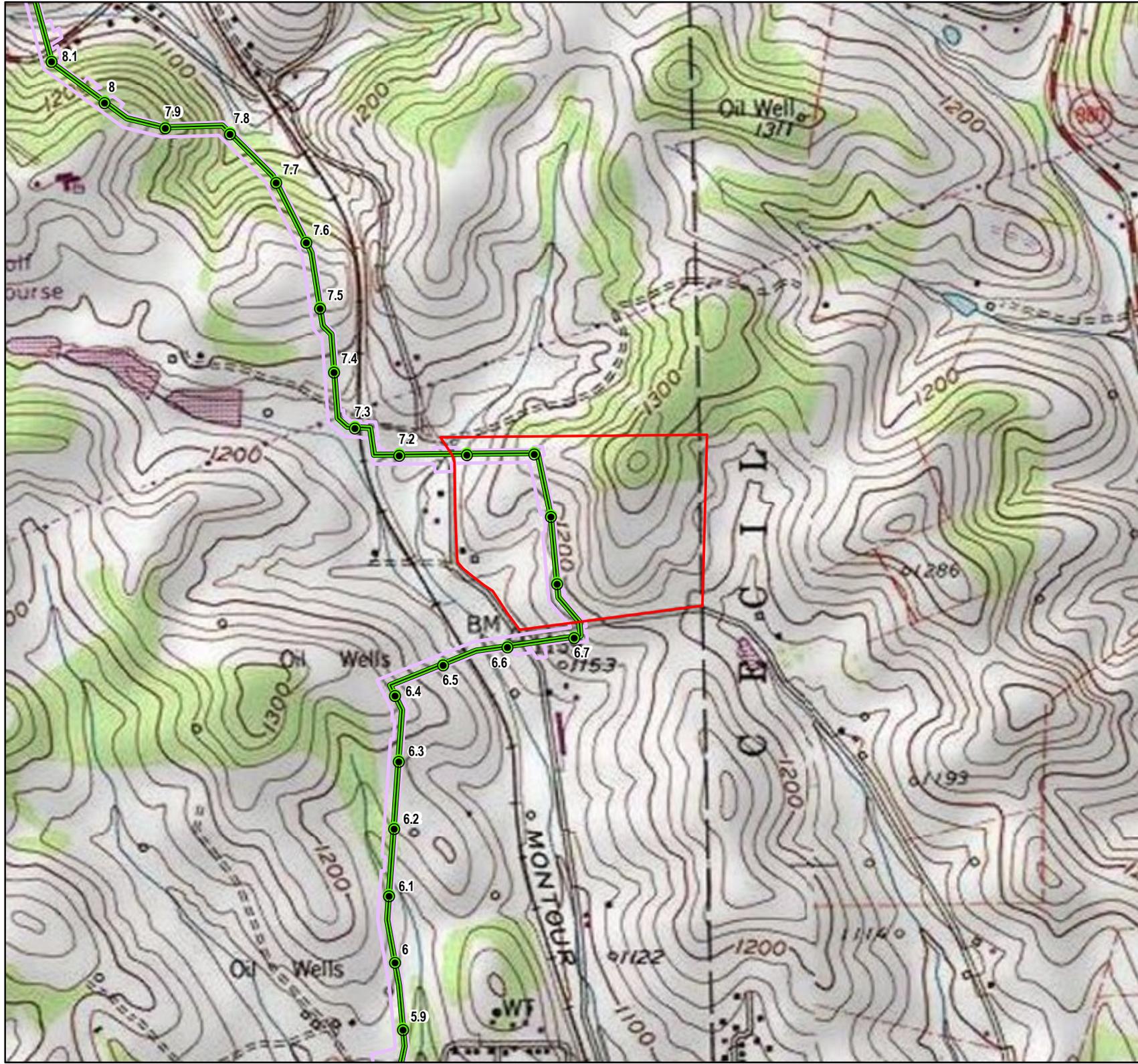
DRAWN BY: NMS DATE: 5/31/2017
 APPROVED BY: --- PROJECT #: 60487539



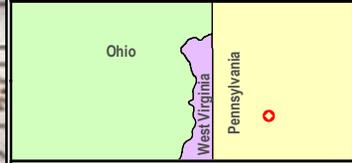
Resource 69

LEGEND

-  Limit of Disturbance
- Proposed Centerline with Mileposts**
-  Cadiz to Scio
-  Scio to Monaca
-  Houston to Monaca
- Above-Ground Resources**
-  Above-Ground Resources

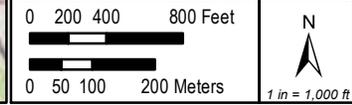


Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 05/22/2017 alignment.

DRAWN BY: NMS DATE: 5/31/2017
 APPROVED BY: --- PROJECT #: 60487539



**Abbreviated Historic Resource Survey Form
Pennsylvania Historical & Museum Commission**

IDENTIFICATION AND LOCATION

ER #: 2015-1839-042

Survey Code: 70

Tax Parcel: 460-021-00-00-0013-00

County: Washington

Municipality: Mount Pleasant

Township

Address: 57 Primrose Road, McDonald, PA 15057

Historic/Other Name: Crawford House

Owner Name/Address: George M. and Joan Y. Crawford

57 Primrose Road, McDonald, PA 15057

Owner Category: Private

USGS Quad: Midway

UTM: Zone 18 N

E

Or Lat 40.3425

/Long -80.2609

PHYSICAL DESCRIPTION

Resource Classification: Building

Resources 4

Historic Property Function: Domestic - Single Dwelling

Current Property Function: Domestic - Single Dwelling

Year Built: c. 1960

Architectural Style: No style

Materials:

Foundation: Concrete

Walls: Aluminum

Roof: Asphalt

Width in Bays: 4

Stories: 1

SURVEYOR INFORMATION

Name: Janna Napoli

Project Name: Shell Falcon Ethane Pipeline

Date: March 16, 2017

Project Location: Washington, Allegheny, and Beaver Counties

Organization Name: AECOM

Organization Address: 681 Andersen Drive, Suite 400, Pittsburgh, PA 15220

Previous Survey(s): N/A

PHMC Key No.

Surveyor Eligibility Recommendation: Not Eligible

Lack of integrity

Lack of significance

Insufficient information to make a recommendation



Caption: Dwelling (c. 1960), East (front) and North Elevations, View Southwest.



Caption: Garage (c. 1960), East (front) Elevations, View West.

Crawford House
57 Primrose Road, McDonald, PA 15057
Mount Pleasant Township, Washington County



Dwelling (c. 1960) , East (front) and North Elevations, View Southwest



Dwelling (c. 1960) , East (front) and North Elevations, Shed (c. 1980), Mobile Home (c. 1980), View Southwest



Garage (c. 1960)



Mobile Home (c. 1980)



Dwelling (c. 1960)



Shed (c. 1980)



Primrose Road

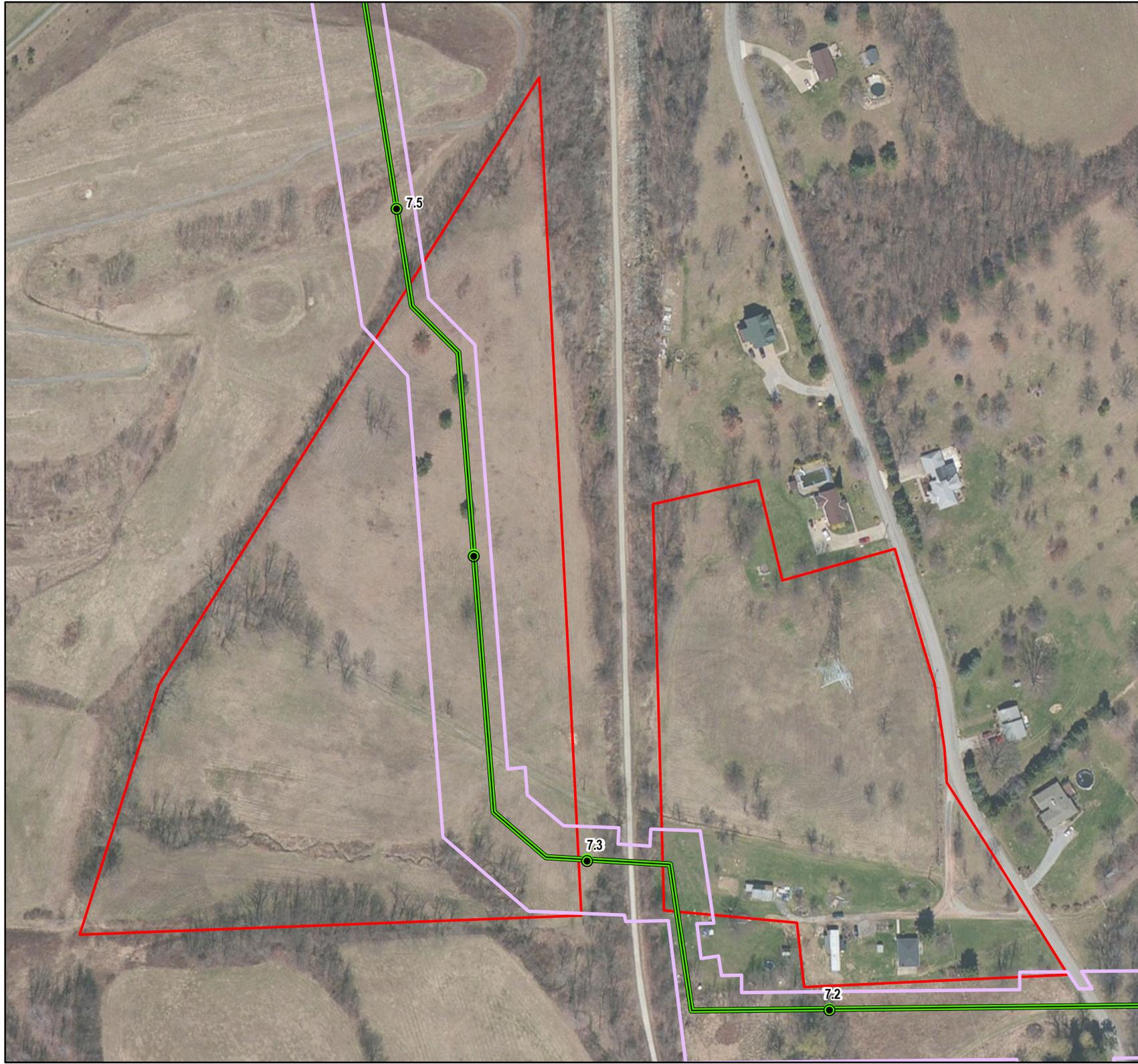
Crawford House
57 Primrose Road
McDonald, PA 15057
Mount Pleasant Township, Washington County

**SHELL PIPELINE COMPANY, LP
 FALCON ETHANE PIPELINE PROJECT**

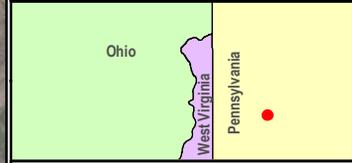
Resource 70

LEGEND

-  Limit of Disturbance
- Proposed Centerline with Mileposts**
-  Cadiz to Scio
-  Scio to Monaca
-  Houston to Monaca
- Above-Ground Resources**
-  Above-Ground Resources

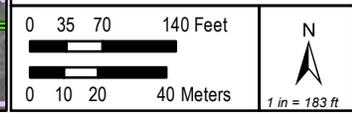


Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 05/22/2017 alignment.

DRAWN BY: NMS DATE: 5/31/2017
 APPROVED BY: --- PROJECT #: 60487539

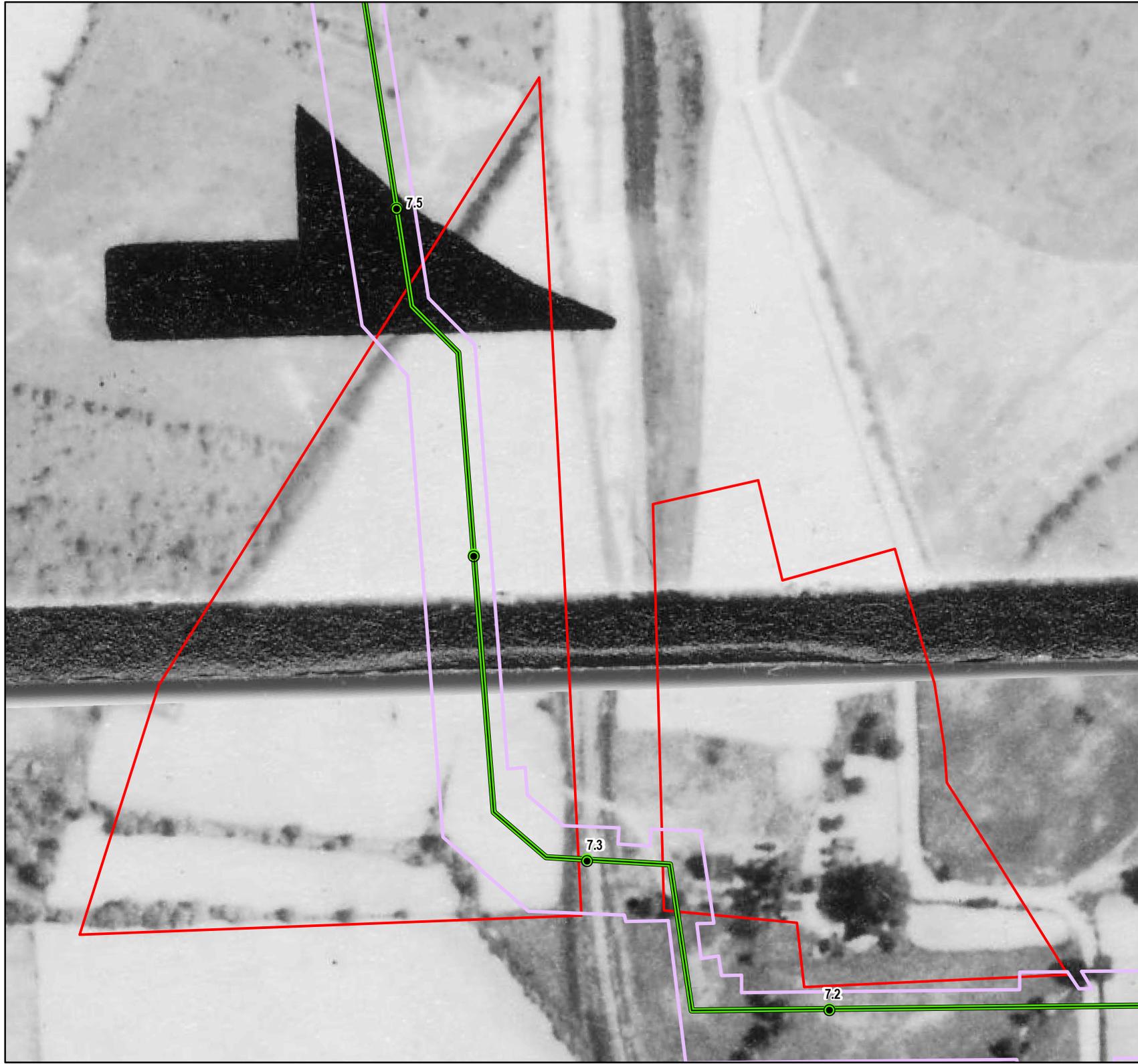


**SHELL PIPELINE COMPANY, LP
 FALCON ETHANE PIPELINE PROJECT**

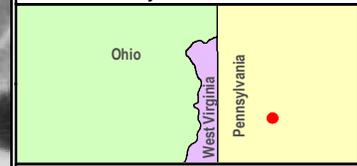
Resource 70

LEGEND

- Limit of Disturbance
- Proposed Centerline with Mileposts**
- Cadiz to Scio
- Scio to Monaca
- Houston to Monaca
- Above-Ground Resources**
- Above-Ground Resources



Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 05/22/2017 alignment.

DRAWN BY: NMS DATE: 5/31/2017
 APPROVED BY: --- PROJECT #: 60487539

0 35 70 140 Feet



0 10 20 40 Meters

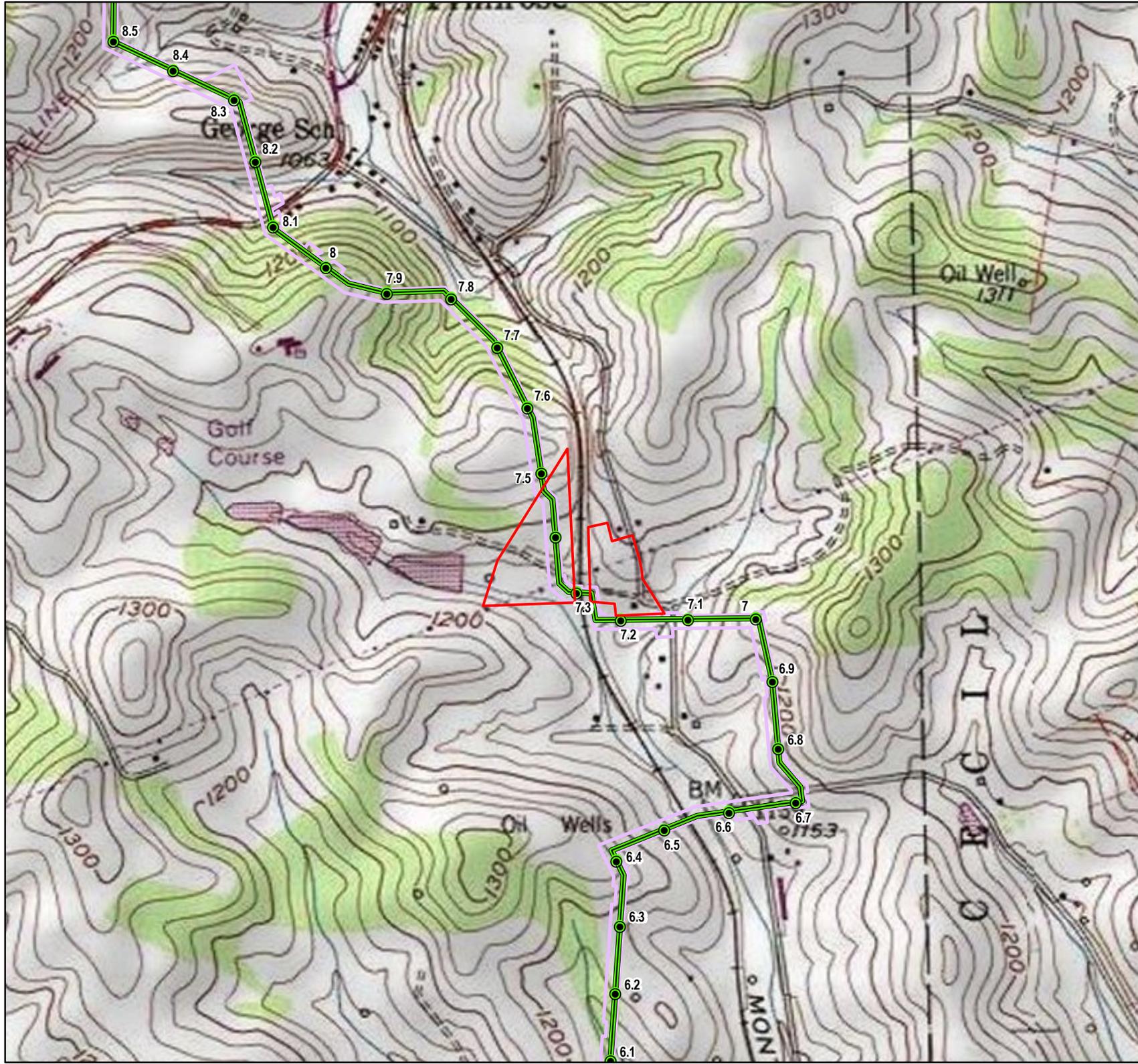


**SHELL PIPELINE COMPANY, LP
 FALCON ETHANE PIPELINE PROJECT**

Resource 70

LEGEND

-  Limit of Disturbance
- Proposed Centerline with Mileposts**
-  Cadiz to Scio
-  Scio to Monaca
-  Houston to Monaca
- Above-Ground Resources**
-  Above-Ground Resources

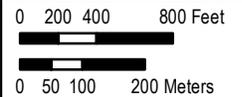


Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 05/22/2017 alignment.

DRAWN BY: NMS DATE: 5/31/2017
 APPROVED BY: --- PROJECT #: 60487539



**Abbreviated Historic Resource Survey Form
Pennsylvania Historical & Museum Commission**

IDENTIFICATION AND LOCATION

ER #: 2015-1839-042

Survey Code: 72

Tax Parcel: 460-021-00-00-0008-00

County: Washington

Municipality: Mount Pleasant

Township

Address: 80 Fort Cherry Road, McDonald, PA 15057

Historic/Other Name: Fort Cherry Golf Course

Owner Name/Address: Fort Cherry Golf Course, Inc.

80 Fort Cherry Road, P.O. Box 247, McDonald, PA 15057

Owner Category: Private

USGS Quad: Midway

UTM: Zone 17 N

E

Or Lat 40.348249

/Long -80.270717

PHYSICAL DESCRIPTION

Resource Classification: Building

Resources 1

Historic Property Function: Recreation and Culture

Current Property Function: Recreation and Culture

Year Built: c. 1967

Architectural Style: Other

Materials: Foundation: Concrete

Walls: Brick

Roof: Asphalt

Width in Bays: 6

Stories: 1

SURVEYOR INFORMATION

Name: Michael Kenneally

Project Name: Shell Falcon Ethane Pipeline

Date: February 14, 2017

Project Location: Washington, Allegheny, and Beaver Counties

Organization Name: AECOM

Organization Address: 681 Andersen Drive, Suite 400, Pittsburgh, PA 15220

Previous Survey(s): N/A

PHMC Key No.

Surveyor Eligibility Recommendation: Not Eligible

Lack of integrity

Lack of significance

Insufficient information to make a recommendation



Caption: Clubhouse (c. 1967), North (front) Elevation, View Southwest.



Caption: Maintenance building (c. 1967), North and East (front) Elevations, View Southwest.

Fort Cherry Golf Course
80 Fort Cherry Road, McDonald, PA
Mount Pleasant Township, Washington County



General view of Fort Cherry Golf Course, View South.



Motel rooms and additions (c. 1980), North and East Elevation, View Southwest.

Fort Cherry Golf Course
80 Fort Cherry Road, McDonald, PA
Mount Pleasant Township, Washington County



Motel rooms and additions (c. 1980), North (front) and West Elevation, View Southwest.



Maintenance building (c. 2000), West (front) Elevations, View East.



Fort Cherry Road

Maintenance building
(c. 2000)

Maintenance building
(c. 2015)

Maintenance building
(c. 1967)

Motel rooms and additions
(c. 1980)

Club House (c. 1967)

Fort Cherry Golf Course
80 Fort Cherry Road
McDonald, PA 15057
Mount Pleasant Township, Washington County



**SHELL PIPELINE COMPANY, LP
 FALCON ETHANE PIPELINE PROJECT**

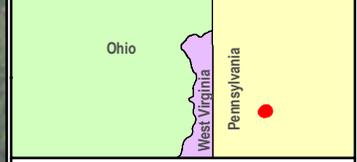
Resource 72 - Fort Cherry Golf Club

LEGEND

-  Limit of Disturbance
- Proposed Centerline with Mileposts**
-  Cadiz to Scio
-  Scio to Monaca
-  Houston to Monaca
- Above-Ground Resources**
-  Above-Ground Resources

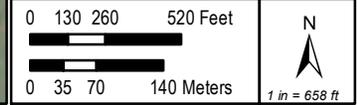


Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 03/14/2017 alignment.

DRAWN BY: NMS DATE: 3/23/2017
 APPROVED BY: --- PROJECT #: 60487539



**SHELL PIPELINE COMPANY, LP
 FALCON ETHANE PIPELINE PROJECT**

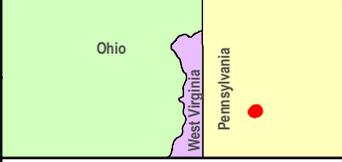
Resource 72 - Fort Cherry Golf Club

LEGEND

-  Limit of Disturbance
- Proposed Centerline with Mileposts**
-  Cadiz to Scio
-  Scio to Monaca
-  Houston to Monaca
- Above-Ground Resources**
-  Above-Ground Resources

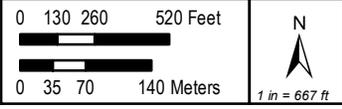


Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 03/14/2017 alignment.

DRAWN BY: NMS DATE: 3/23/2017
 APPROVED BY: --- PROJECT #: 60487539

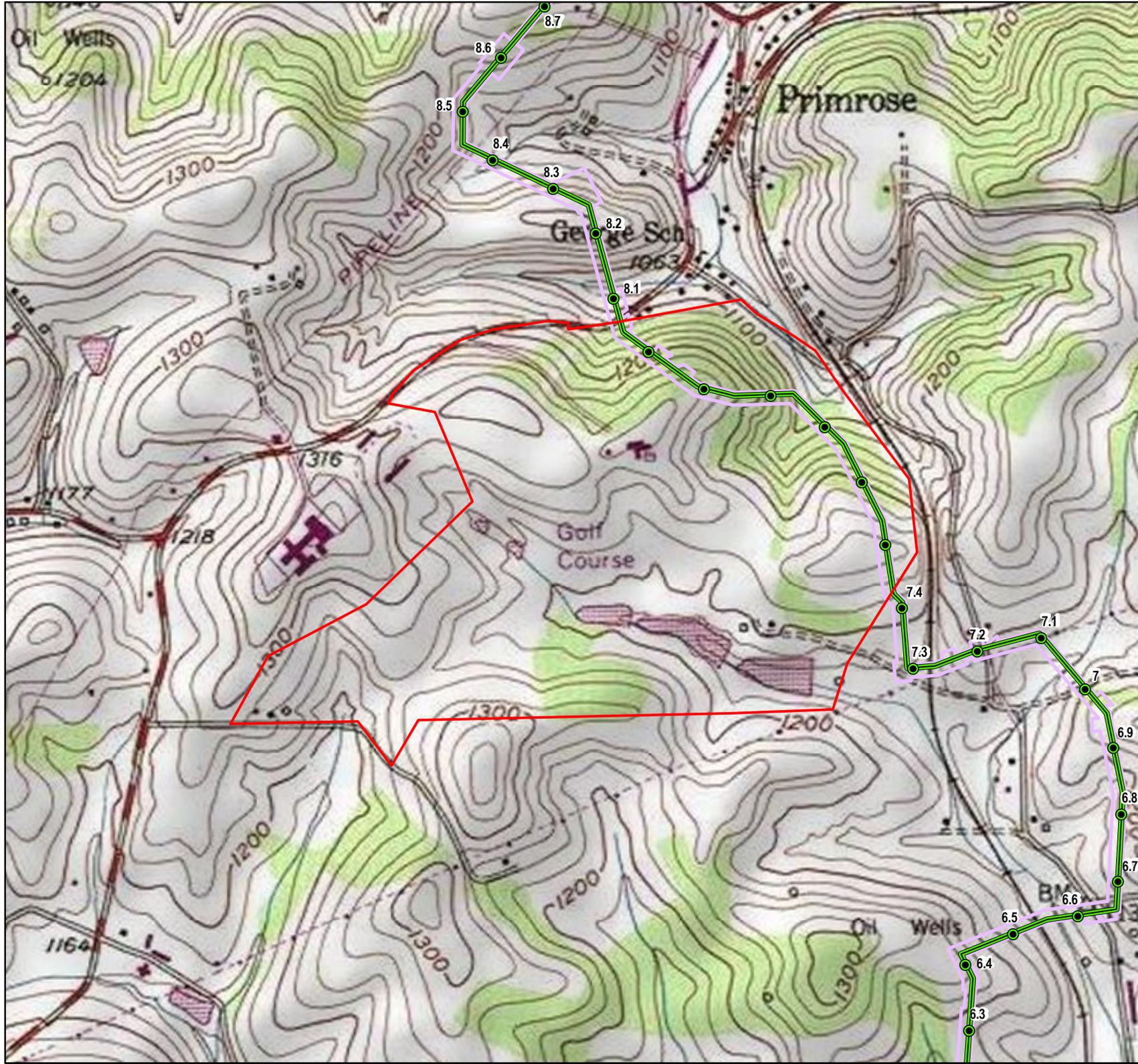


**SHELL PIPELINE COMPANY, LP
 FALCON ETHANE PIPELINE PROJECT**

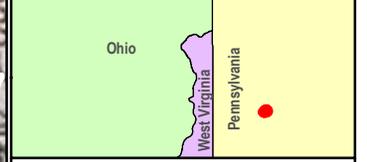
Resource 72 - Fort Cherry Golf Club

LEGEND

-  Limit of Disturbance
-  Proposed Centerline with Mileposts
-  Cadiz to Scio
-  Scio to Monaca
-  Houston to Monaca
- Above-Ground Resources**
-  Above-Ground Resources

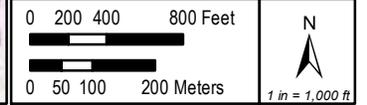


Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 03/14/2017 alignment.

DRAWN BY: NMS DATE: 3/23/2017
 APPROVED BY: --- PROJECT #: 60487539



**Abbreviated Historic Resource Survey Form
Pennsylvania Historical & Museum Commission**

IDENTIFICATION AND LOCATION

ER #: 2015-1839-042

Survey Code: 73

Tax Parcel: 460-020-05-00-0001-01

County: Washington

Municipality: Mount Pleasant

Township

Address: 52 Fort Cherry Road, McDonald, PA 15057

Historic/Other Name: Libert House

Owner Name/Address: Edith R. Libert

52 Fort Cherry Road, McDonald, PA 15057

Owner Category: Private

USGS Quad: Midway

UTM: Zone 18 N

E

Or Lat 40.351079

/Long -80.270666

PHYSICAL DESCRIPTION

Resource Classification: Building

Resources 1

Historic Property Function: Domestic - Single Dwelling

Current Property Function: Domestic - Single Dwelling

Year Built: c. 1960

Architectural Style: Other

Materials: Foundation: Concrete

Walls: Vinyl

Roof: Asphalt

Width in Bays: 3

Stories: 1.5

SURVEYOR INFORMATION

Name: Michael Kenneally

Project Name: Shell Falcon Ethane Pipeline

Date: February 14, 2017

Project Location: Washington, Allegheny, and Beaver Counties

Organization Name: AECOM

Organization Address: 681 Andersen Drive, Suite 400, Pittsburgh, PA 15220

Previous Survey(s): N/A

PHMC Key No.

Surveyor Eligibility Recommendation: Not Eligible

Lack of integrity

Lack of significance

Insufficient information to make a recommendation



Caption: Dwelling (c. 1950), North (front) Elevations, View South.



Caption: Dwelling (c. 1950), North (front) and West Elevations, View Southeast.

Libert House
52 Fort Cherry Road, McDonald, PA
Mount Pleasant Township, Washington County



Dwelling (c. 1950) with Garage (c. 1950), West Elevation, View Northeast.



Garage (c. 1950), North Elevation, View South.



Fort Cherry Road

Garage (c. 1950)



Dwelling (c. 1950)

Libert House
52 Fort Cherry Road
McDonald, PA 15057
Mount Pleasant Township, Washington County

**SHELL PIPELINE COMPANY, LP
 FALCON ETHANE PIPELINE PROJECT**

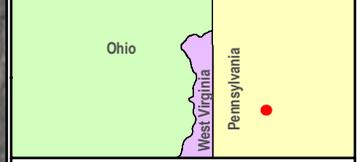
Resource 73 - Libert House

LEGEND

-  Limit of Disturbance
- Proposed Centerline with Mileposts**
-  Cadiz to Scio
-  Scio to Monaca
-  Houston to Monaca
- Above-Ground Resources**
-  Above-Ground Resources

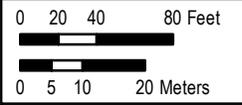


Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 03/14/2017 alignment.

DRAWN BY: NMS DATE: 3/23/2017
 APPROVED BY: --- PROJECT #: 60487539



**SHELL PIPELINE COMPANY, LP
 FALCON ETHANE PIPELINE PROJECT**

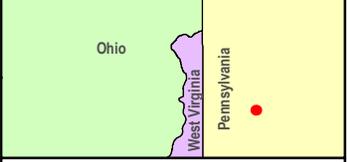
Resource 73 - Libert House

LEGEND

-  Limit of Disturbance
- Proposed Centerline with Mileposts**
-  Cadiz to Scio
-  Scio to Monaca
-  Houston to Monaca
- Above-Ground Resources**
-  Above-Ground Resources



Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 03/14/2017 alignment.

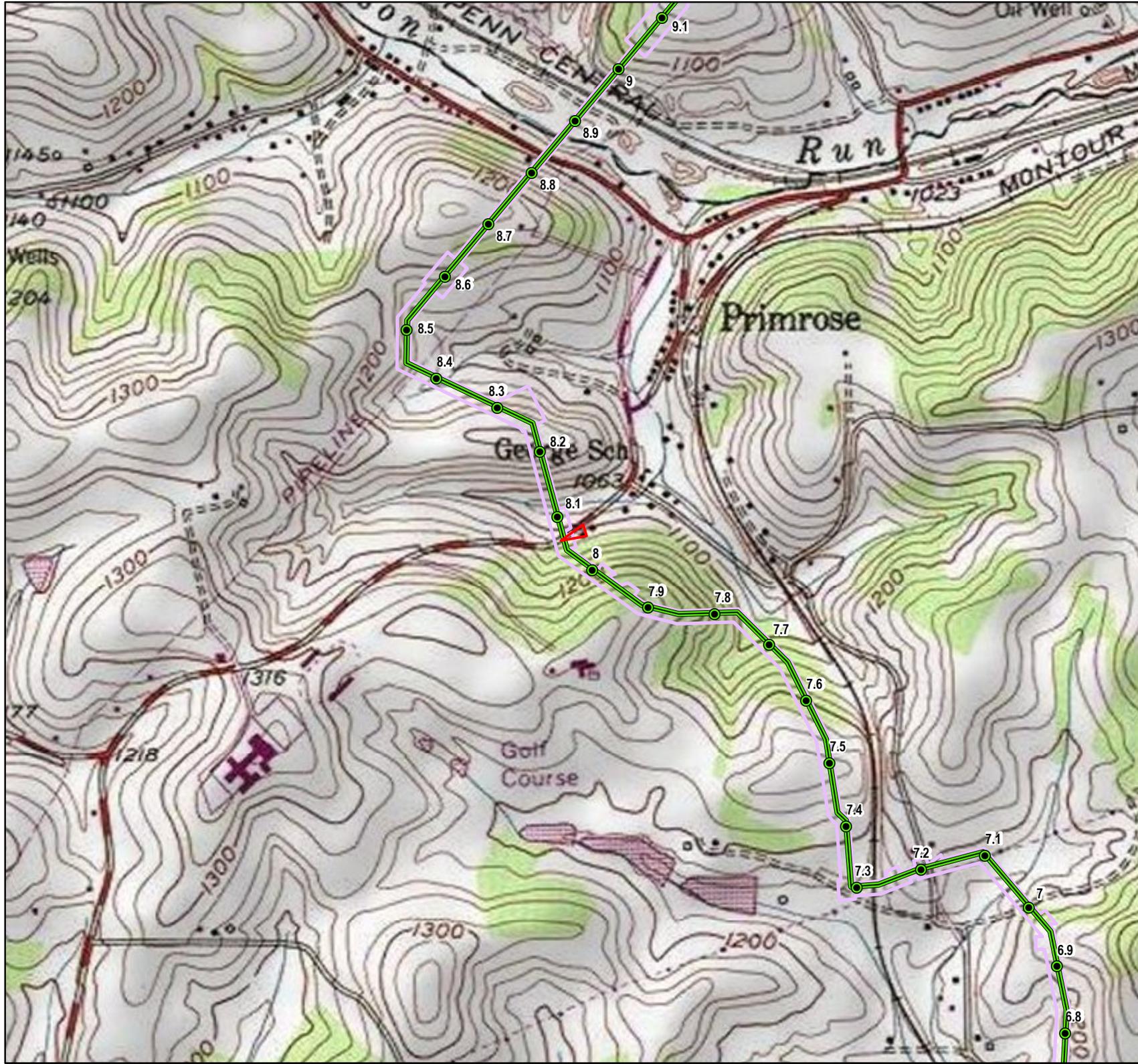
DRAWN BY: NMS DATE: 3/23/2017
 APPROVED BY: --- PROJECT #: 60487539



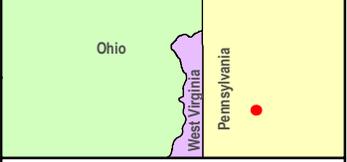
Resource 73 - Libert House

LEGEND

-  Limit of Disturbance
-  Proposed Centerline with Mileposts
-  Cadiz to Scio
-  Scio to Monaca
-  Houston to Monaca
- Above-Ground Resources**
-  Above-Ground Resources

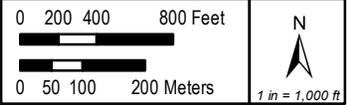


Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 03/14/2017 alignment.

DRAWN BY: NMS DATE: 3/23/2017
 APPROVED BY: --- PROJECT #: 60487539



**Abbreviated Historic Resource Survey Form
Pennsylvania Historical & Museum Commission**

IDENTIFICATION AND LOCATION

ER #: 2015-1839-042

Survey Code: 76

Tax Parcel: 62-191-0175.000

County: Beaver

Municipality: Greene

Township

Address: 150 Pittsburgh Grade Road, Hookstown, PA 15050

Historic/Other Name: Mallinder House

Owner Name/Address: Joyce L. Mallinder

P.O. Box 65, Hookstown, PA 15050

Owner Category: Private

USGS Quad: Hookstown

UTM: Zone 17 N

E

Or Lat 40.594925 /Long -80.471552

PHYSICAL DESCRIPTION

Resource Classification: Building

Resources 1

Historic Property Function: Agriculture/ Subsistence

Current Property Function: Agriculture/Subsistence

Year Built: c. 1930

Architectural Style: No style

Materials:

Foundation: Concrete

Walls: Concrete

Roof: Metal

Width in Bays: 1

Stories: 1

SURVEYOR INFORMATION

Name: Michael Kenneally

Project Name: Shell Falcon Ethane Pipeline

Date: March 16, 2017

Project Location: Washington, Allegheny, and Beaver Counties

Organization Name: AECOM

Organization Address: 681 Andersen Drive, Suite 400, Pittsburgh, PA 15220

Previous Survey(s): N/A

PHMC Key No.

Surveyor Eligibility Recommendation: Not Eligible

Lack of integrity

Lack of significance

Insufficient information to make a recommendation



Caption: Vehicle/Equipment Shed (c. 1930), South and East Elevations, View Northwest.

Caption:

Mallinder House
150 Pittsburgh Grade Road, Hookstown, PA
Greene Township, Beaver County



Dwelling (c. 1981), North (front) and East Elevations, View Southwest.



Springhouse (c. 1930) and Dwelling (c. 1981), South and East Elevations, View Northwest.



Dwelling (c. 1981)



Springhouse (c. 1930)



Vehicle/Equipment Shed (c. 1930)



Mallinder House
150 Pittsburgh Grade Road
Hookstown, PA 15050
Greene Township, Beaver County

Pittsburgh Grade Road

**SHELL PIPELINE COMPANY, LP
 FALCON ETHANE PIPELINE PROJECT**

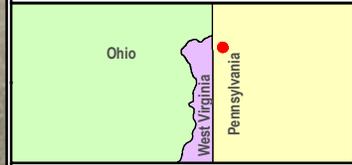
Resource 76 - Mallinder House

LEGEND

-  Limit of Disturbance
- Proposed Centerline with Mileposts**
-  Cadiz to Scio
-  Scio to Monaca
-  Houston to Monaca
- Above-Ground Resources**
-  Above-Ground Resources



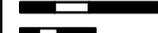
Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 03/14/2017 alignment.

DRAWN BY: NMS DATE: 3/23/2017
 APPROVED BY: --- PROJECT #: 60487539

0 30 60 120 Feet



0 5 10 20 Meters



1 in = 167 ft

**SHELL PIPELINE COMPANY, LP
 FALCON ETHANE PIPELINE PROJECT**

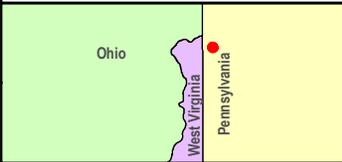
Resource 76 - Mallinder House

LEGEND

-  Limit of Disturbance
- Proposed Centerline with Mileposts**
-  Cadiz to Scio
-  Scio to Monaca
-  Houston to Monaca
- Above-Ground Resources**
-  Above-Ground Resources

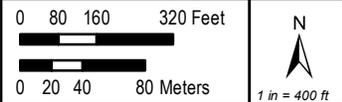


Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 03/14/2017 alignment.

DRAWN BY: NMS DATE: 3/23/2017
 APPROVED BY: --- PROJECT #: 60487539

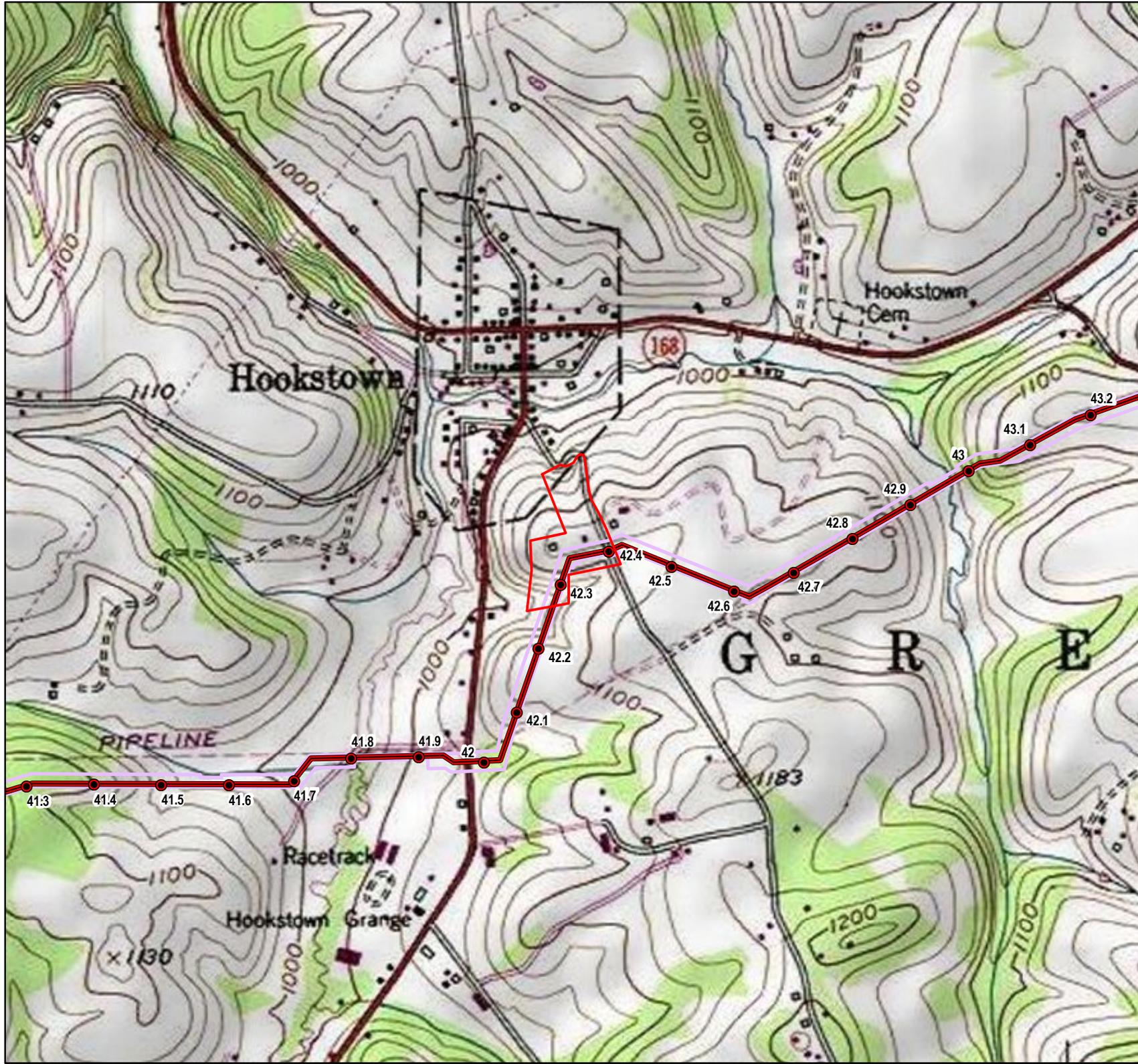


**SHELL PIPELINE COMPANY, LP
 FALCON ETHANE PIPELINE PROJECT**

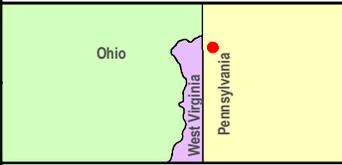
Resource 76 - Mallinder House

LEGEND

-  Limit of Disturbance
-  Proposed Centerline with Mileposts
-  Cadiz to Scio
-  Scio to Monaca
-  Houston to Monaca
- Above-Ground Resources**
-  Above-Ground Resources

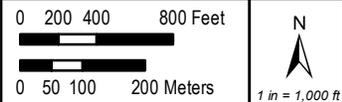


Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 03/14/2017 alignment.

DRAWN BY: NMS DATE: 3/23/2017
 APPROVED BY: --- PROJECT #: 60487539



**Abbreviated Historic Resource Survey Form
Pennsylvania Historical & Museum Commission**

IDENTIFICATION AND LOCATION

ER #: 2015-1839-042

Survey Code: 77

Tax Parcel: 75-003-0403.000

County: Beaver

Municipality: Raccoon

Township

Address: 113 Clearview Drive, Aliquippa, PA 15001

Historic/Other Name: James and Gill House

Owner Name/Address: Benjamin L. James and Shelby J. Gill
113 Clearview Drive, Aliquippa, PA 15001

Owner Category: Private

USGS Quad: Beaver

UTM: Zone 18 N E Or Lat 40.601457 /Long -80.348426

PHYSICAL DESCRIPTION

Resource Classification: Building # Resources 1

Historic Property Function: Domestic - Single Dwelling

Current Property Function: Domestic - Single Dwelling

Year Built: c. 1965

Architectural Style: Other

Materials: Foundation: Concrete

Walls: Brick

Roof: Asphalt

Width in Bays: 4

Stories: 1

SURVEYOR INFORMATION

Name: Mike Kenneally and Troy Linebaugh

Project Name: Shell Falcon Ethane Pipeline

Date: 4/4/2017

Project Location: Washington, Allegheny, and Beaver Counties

Organization Name: AECOM

Organization Address: 681 Andersen Drive, Suite 400, Pittsburgh, PA 15220

Previous Survey(s): N/A

PHMC Key No.

Surveyor Eligibility Recommendation: Not Eligible

Lack of integrity

Lack of significance

Insufficient information to make a recommendation



Caption: Dwelling (c.1965) West (front), view Southeast



Caption: Dwelling (c.1965) West (front), view Northeast



Dwelling (c.1965)

Clearview Drive



Gill House
113 Clearview Drive
Aliquippa, PA 15001
Raccoon Township, Beaver County

**SHELL PIPELINE COMPANY, LP
FALCON ETHANE PIPELINE PROJECT**

Resource 77

LEGEND

 Limit of Disturbance

Proposed Centerline with Mileposts

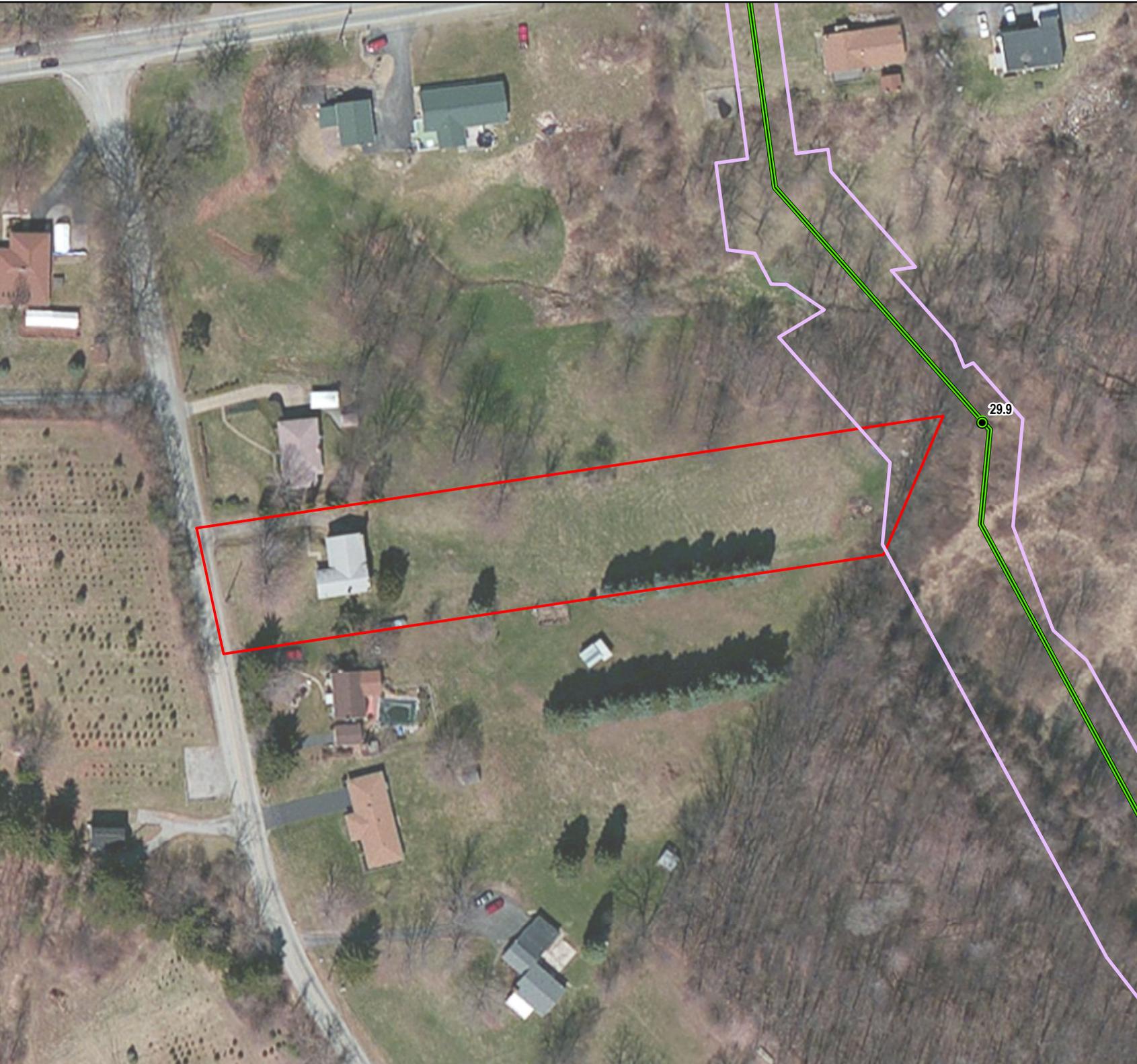
 Cadiz to Scio

 Scio to Monaca

 Houston to Monaca

Above-Ground Resources

 Above-Ground Resources



Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
All data current to 05/22/2017 alignment.

DRAWN BY: NMS DATE: 5/31/2017
APPROVED BY: --- PROJECT #: 60487539

0 20 40 80 Feet



0 5 10 20 Meters



**SHELL PIPELINE COMPANY, LP
FALCON ETHANE PIPELINE PROJECT**

Resource 77

LEGEND

Limit of Disturbance

Proposed Centerline with Mileposts

Cadiz to Scio

Scio to Monaca

Houston to Monaca

Above-Ground Resources

Above-Ground Resources



Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
All data current to 05/22/2017 alignment.

DRAWN BY: NMS DATE: 5/31/2017
APPROVED BY: --- PROJECT #: 60487539

0 20 40 80 Feet

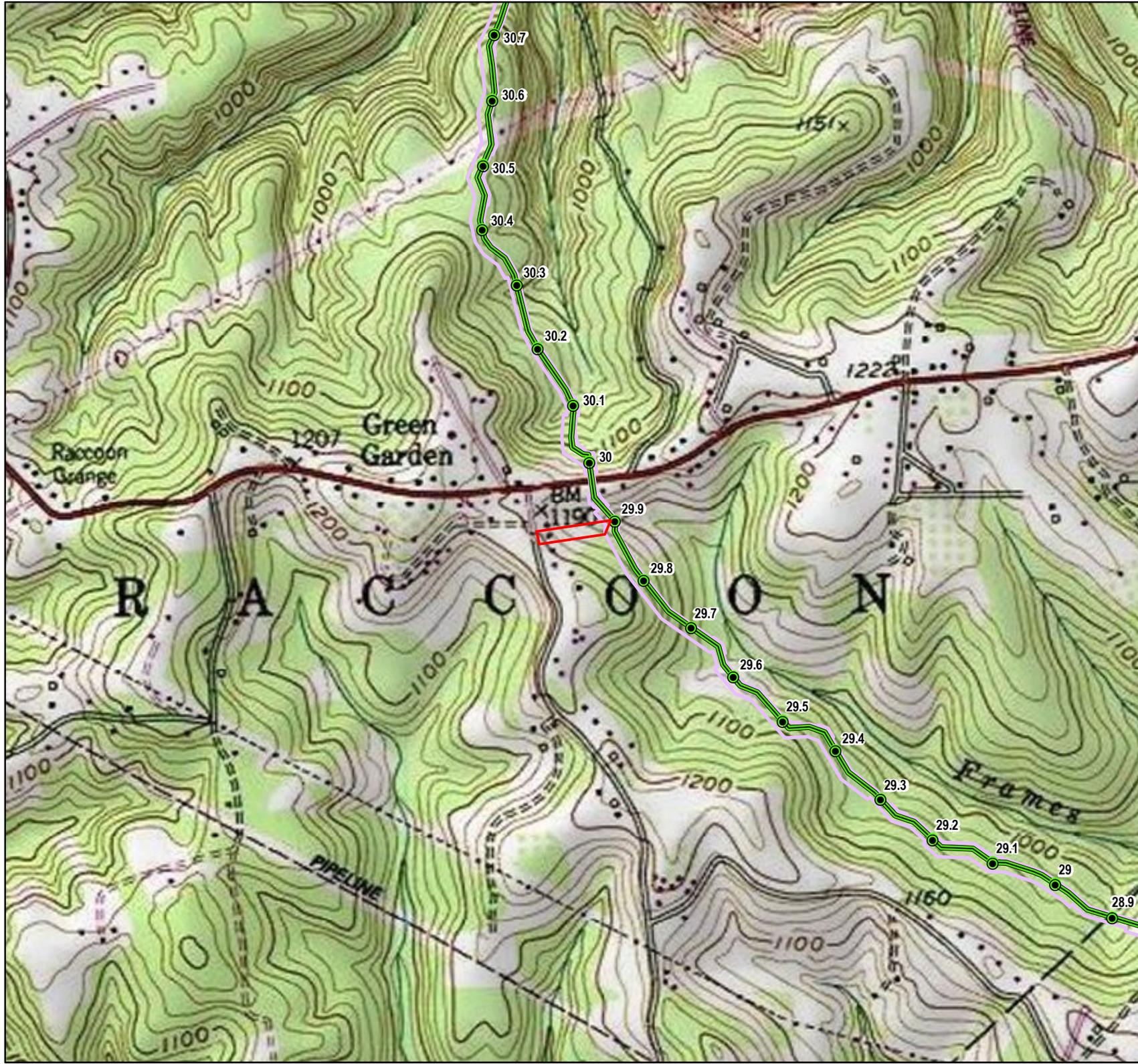


0 5 10 20 Meters



LEGEND

-  Limit of Disturbance
- Proposed Centerline with Mileposts**
-  Cadiz to Scio
-  Scio to Monaca
-  Houston to Monaca
- Above-Ground Resources**
-  Above-Ground Resources

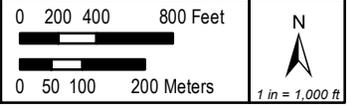


Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 05/22/2017 alignment.

DRAWN BY: NMS DATE: 5/31/2017
 APPROVED BY: --- PROJECT #: 60487539



**Abbreviated Historic Resource Survey Form
Pennsylvania Historical & Museum Commission**

IDENTIFICATION AND LOCATION

ER #: 2015-1839-042

Survey Code: 78

Tax Parcel: 75-182-0410.000

County: Beaver

Municipality: Raccoon

Township

Address: 4264 Green Garden Road, Aliquippa, PA 15001

Historic/Other Name: Vic's Van Daddy

Owner Name/Address: Victor P. and Teresa Bonnato
4264 Green Garden Road, Aliquippa, PA 15001

Owner Category: Private

USGS Quad: Beaver

UTM: Zone 18 N E Or Lat 40.612900 /Long -80.390899

PHYSICAL DESCRIPTION

Resource Classification: Building # Resources 5

Historic Property Function: Domestic - Single Dwelling; Commerce/Trade - Business

Current Property Function: Domestic - Single Dwelling; Commerce/Trade - Business

Year Built: c. 1965

Architectural Style: Other

Materials: Foundation: Concrete

Walls: Brick

Roof: Asphalt

Width in Bays: 4

Stories: 1

SURVEYOR INFORMATION

Name: Mike Kenneally

Project Name: Shell Falcon Ethane Pipeline

Date: 4/26/2017

Project Location: Washington, Allegheny, and Beaver Counties

Organization Name: AECOM

Organization Address: 681 Andersen Drive, Suite 400, Pittsburgh, PA 15220

Previous Survey(s): N/A

PHMC Key No.

Surveyor Eligibility Recommendation: Not Eligible

- Lack of integrity Lack of significance
 Insufficient information to make a recommendation



Caption: Dwelling (c.1965) South (front), view North



Caption: Vic's Van Daddy office (c.1965) South (front) and East, view Northwest. Note c. 1980 addition (right).

Bonnato House
4264 Green Garden Road, Aliquippa, PA
Raccoon Township, Beaver County

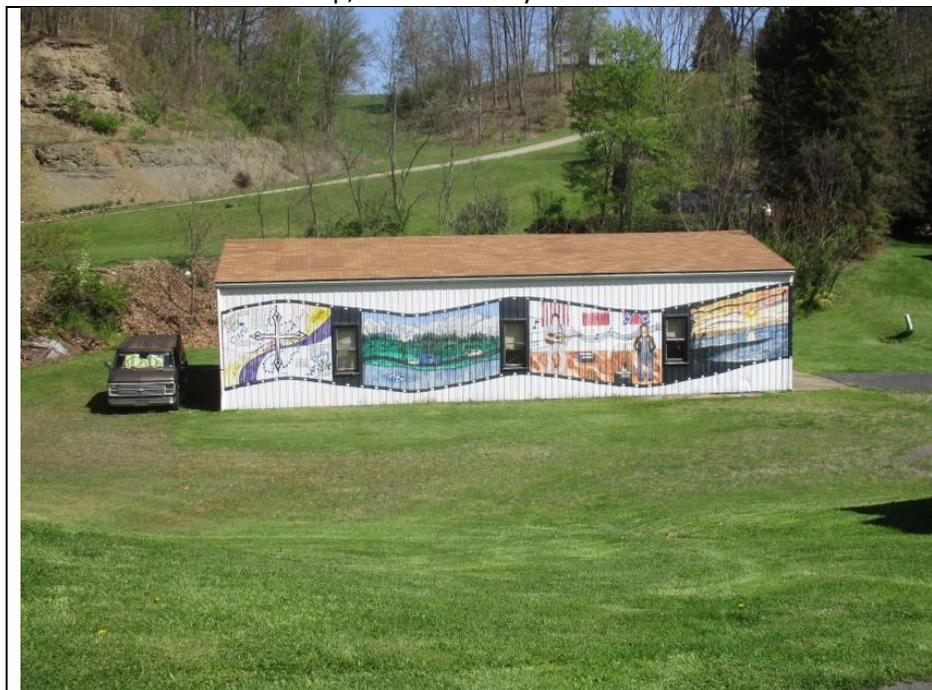


Workshop (c. 1965), View Northeast



c. 1980 addition to office, View Northeast

Bonnato House
4264 Green Garden Road, Aliquippa, PA
Raccoon Township, Beaver County



Garage/Workshop (c. 1990), View North



Dwelling (c. 1965)



Garage/Workshop (c. 1965)



Non-historic garage/workshop

Non-historic addition



Non-historic addition



Vic's Van Daddy (c. 1965)

Green Garden Road

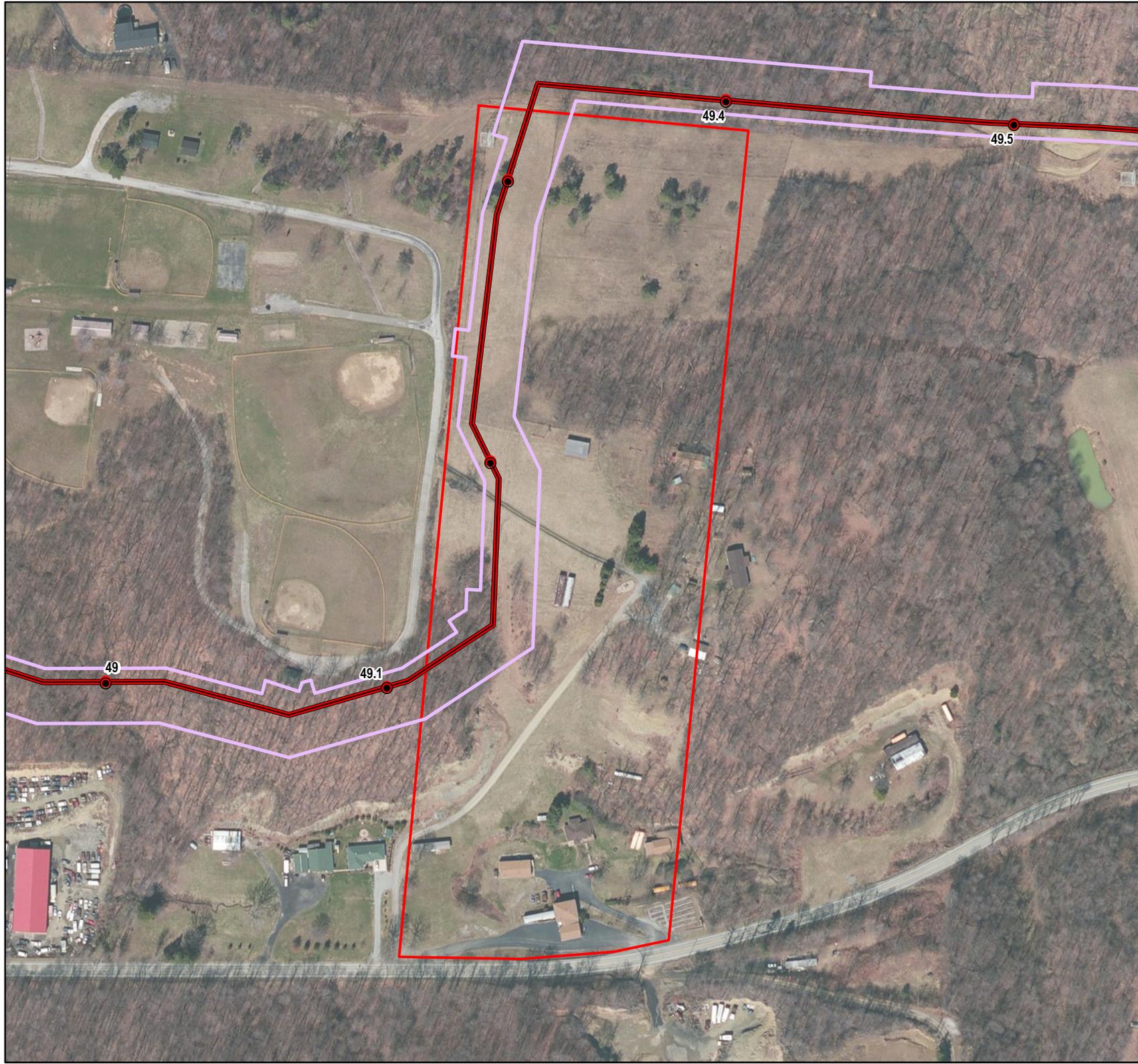
Bonnato House
4264 Green Garden Road
Aliquippa, PA 15001
Raccoon Township, Beaver County

**SHELL PIPELINE COMPANY, LP
 FALCON ETHANE PIPELINE PROJECT**

Resource 78

LEGEND

-  Limit of Disturbance
- Proposed Centerline with Mileposts**
-  Cadiz to Scio
-  Scio to Monaca
-  Houston to Monaca
- Above-Ground Resources**
-  Above-Ground Resources

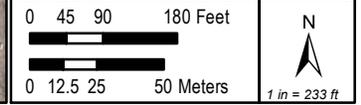


Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 05/22/2017 alignment.

DRAWN BY: NMS DATE: 5/31/2017
 APPROVED BY: --- PROJECT #: 60487539



**SHELL PIPELINE COMPANY, LP
 FALCON ETHANE PIPELINE PROJECT**

Resource 78

LEGEND

-  Limit of Disturbance
- Proposed Centerline with Mileposts**
-  Cadiz to Scio
-  Scio to Monaca
-  Houston to Monaca
- Above-Ground Resources**
-  Above-Ground Resources

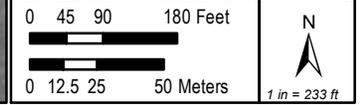


Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 05/22/2017 alignment.

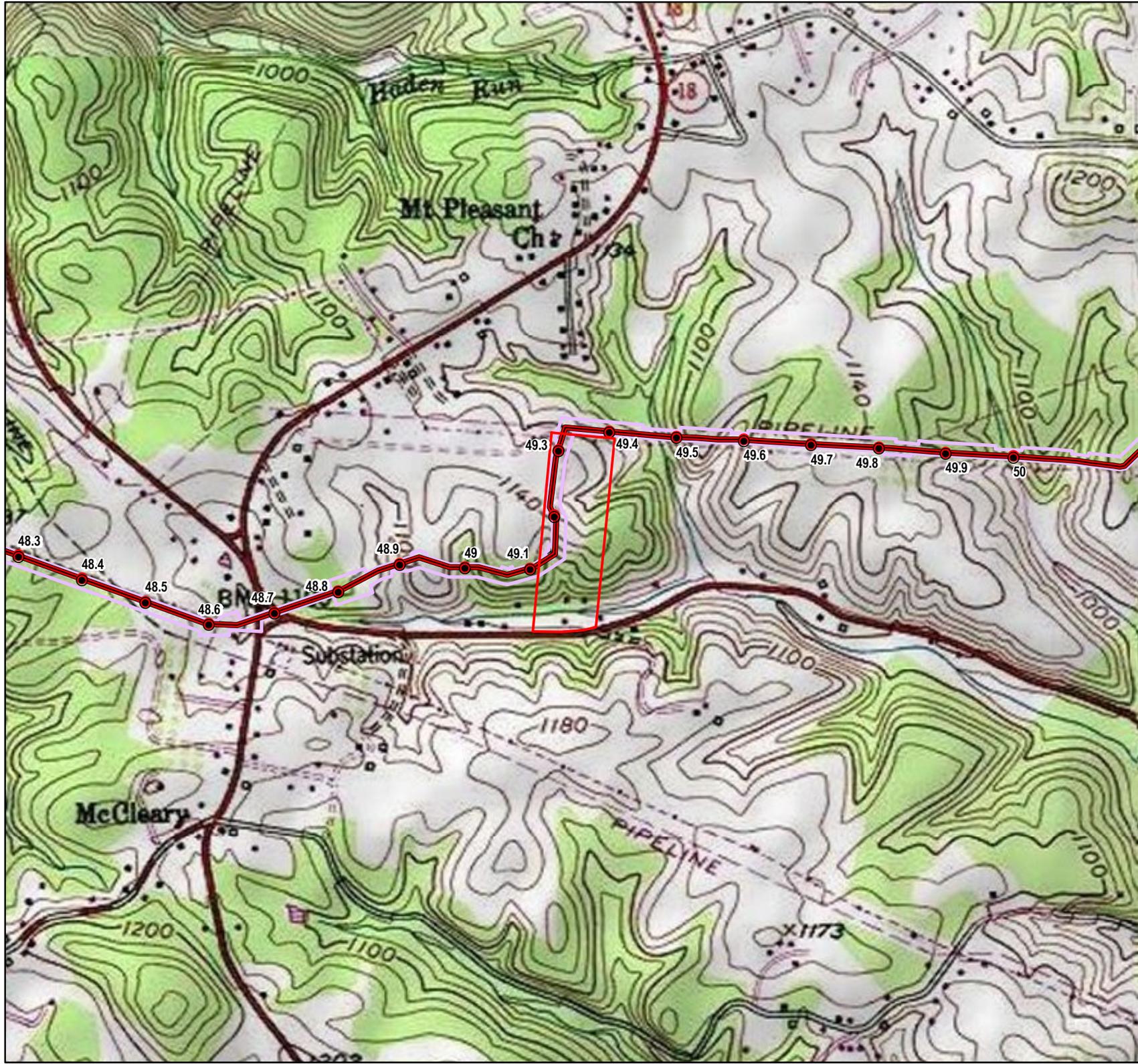
DRAWN BY: NMS DATE: 5/31/2017
 APPROVED BY: --- PROJECT #: 60487539



Resource 78

LEGEND

- Limit of Disturbance
- Proposed Centerline with Mileposts**
- Cadiz to Scio
- Scio to Monaca
- Houston to Monaca
- Above-Ground Resources**
- Above-Ground Resources

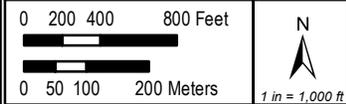


Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 05/22/2017 alignment.

DRAWN BY: NMS DATE: 5/31/2017
 APPROVED BY: --- PROJECT #: 60487539



**Abbreviated Historic Resource Survey Form
Pennsylvania Historical & Museum Commission**

IDENTIFICATION AND LOCATION

ER #: 2015-1839-042

Survey Code: 82

Tax Parcel: 75-182-0336.000

County: Beaver

Municipality: Raccoon

Township

Address: 122 Waite Lane, Aliquippa, PA 15001

Historic/Other Name:

Owner Name/Address: Thomas and Melissa M. Mitchell
122 Waite Lane, Aliquippa, PA, 15001

Owner Category: Private

USGS Quad: Aliquippa

UTM: Zone 18 N E Or Lat 40.617434 /Long -80.366789

PHYSICAL DESCRIPTION

Resource Classification: Building # Resources 1

Historic Property Function: Domestic-Single Dwelling

Current Property Function: Vacant/Not in Use

Year Built: c. 19475

Architectural Style: No style

Materials: Foundation: Concrete

Walls: Other

Roof: Shingle

Width in Bays: 3

Stories: 1

SURVEYOR INFORMATION

Name: Michael Kenneally

Project Name: Shell Falcon Ethane Pipeline

Date: 5/17/2017

Project Location: Washington, Allegheny, and Beaver Counties

Organization Name: AECOM

Organization Address: 681 Andersen Drive, Suite 400, Pittsburgh, PA 15220

Previous Survey(s): N/A

PHMC Key No.

Surveyor Eligibility Recommendation: Not Eligible

- Lack of integrity Lack of significance
 Insufficient information to make a recommendation



Caption: Dwelling (c. 1945) North (front) and East Elevations, View Southwest



Caption: Dwelling (c. 1945) North (front) and West Elevations, View West

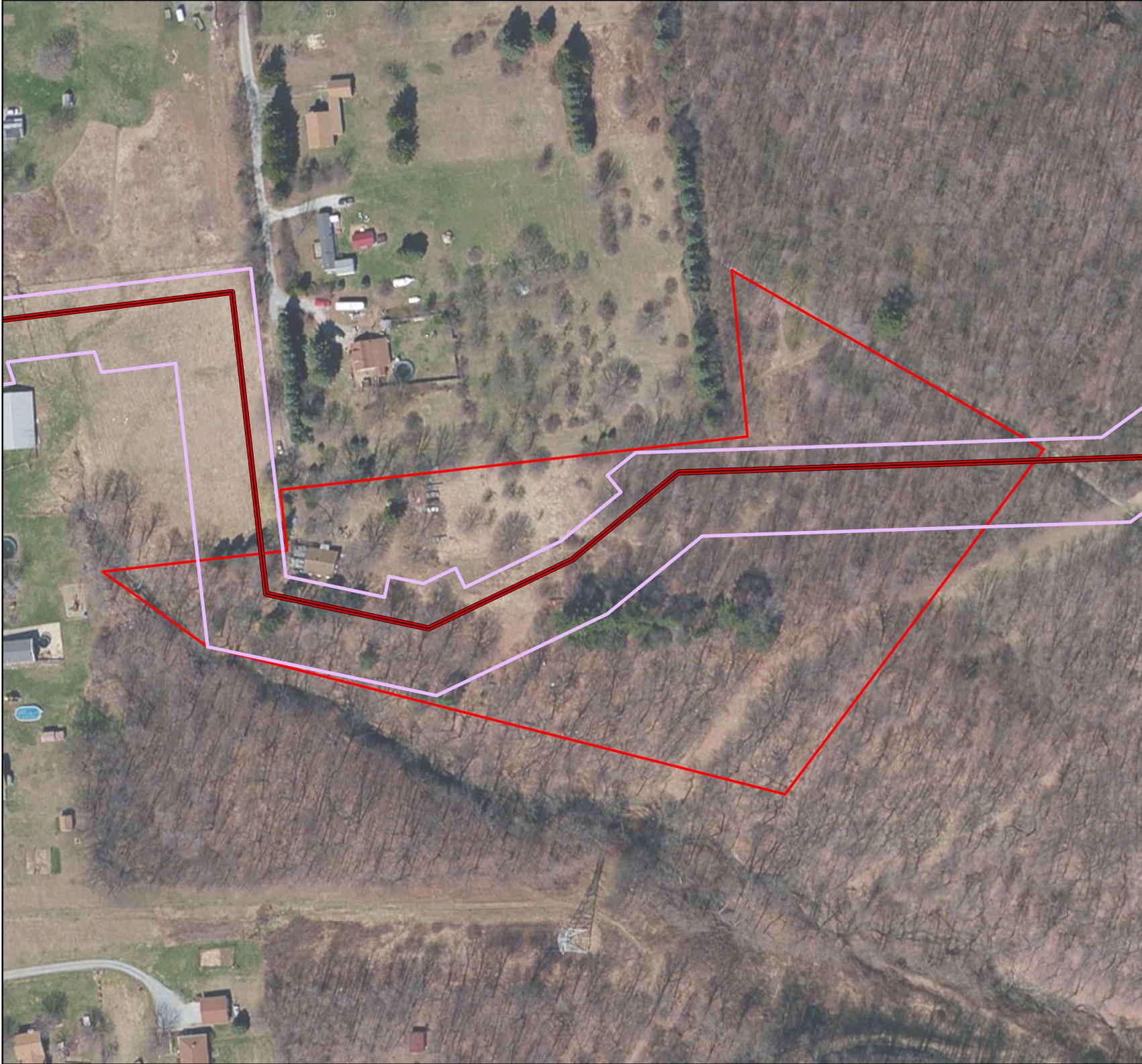


Waite Lane

Dwelling (c. 2009)

Dwelling (c. 1945)

Mitchell Residence
122 Waite Lane
Aliquippa, PA 15001
Raccoon Township, Beaver County



**SHELL PIPELINE COMPANY, LP
 FALCON ETHANE PIPELINE PROJECT**

Resource 82

LEGEND

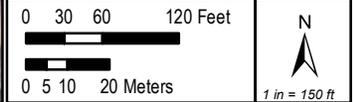
- Limit of Disturbance
- Proposed Centerline with Mileposts**
 - Cadiz to Scio
 - Scio to Monaca
 - Houston to Monaca
- Above-Ground Resources**
 - Above-Ground Resources

Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 05/22/2017 alignment.

DRAWN BY: NMS DATE: 5/31/2017
 APPROVED BY: --- PROJECT #: 60487539



**SHELL PIPELINE COMPANY, LP
FALCON ETHANE PIPELINE PROJECT**

Resource 82

LEGEND

 Limit of Disturbance

Proposed Centerline with Mileposts

 Cadiz to Scio

 Scio to Monaca

 Houston to Monaca

Above-Ground Resources

 Above-Ground Resources

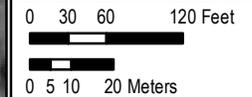


Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
All data current to 05/22/2017 alignment.

DRAWN BY: NMS DATE: 5/31/2017
APPROVED BY: --- PROJECT #: 60487539





Resource 82

LEGEND

- Limit of Disturbance
- Proposed Centerline with Mileposts**
- Cadiz to Scio
- Scio to Monaca
- Houston to Monaca
- Above-Ground Resources**
- Above-Ground Resources

Project Location:



COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N FT
 All data current to 05/22/2017 alignment.

DRAWN BY: NMS DATE: 5/31/2017
 APPROVED BY: --- PROJECT #: 60487539

