

**Attachment "C"**  
**Corrective Action Plan and Well Data**  
**Zelman #1 Injection Well**

The following research has indicated that no wells; active, inactive, plugged or abandoned are located within the area of review that penetrate the injection zone:

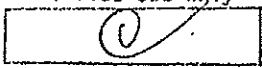
- (1) Research of PA DEP Bureau of Oil & Gas well records conducted by Windfall Oil & Gas Inc.
- (2) A survey conducted by Alexander Surveying; registered professional surveyors.
- (3) Contact with surface landowners by Windfall Oil & Gas personnel.

Note: Well permit number 37-033-20597 is within the area of review; However, it does not penetrate the injection zone. Well Data is tabulated below and the state completion report is included in this attachment.

Permit #	Type	Construction	Date Drilled	Location	Depth	Completion
37-033-20597	gas	rotary	6/18/1976	460SW	3576	cased hole

Furthermore, if in the event that any well(s) is discovered within the area of review after the injection permit is obtained, Windfall Oil & Gas Inc. assumes the responsibility to plug and abandon that well(s) in accordance with the E.P.A. and Pennsylvania DEP specifications.

COMMONWEALTH OF PENNSYLVANIA  
 DEPARTMENT OF ENVIRONMENTAL RESOURCES  
 DIVISION OF OIL AND GAS  
 PITTSBURGH, PENNSYLVANIA 15222

OFFICE USE ONLY  


750'S 41°03'00"  
 11000'W 78°45'30"  
 LUTHERSBURG (41)

*pc*  
*Salem Pool*  
*Dr.*

**WELL RECORD**

150

PERMIT NO. CLE-20597

PROJECT NO. \_\_\_\_\_

TYPE OF WELL (Gas Production)

81

WELL OPERATOR Consolidated Gas Supply Corp. TELEPHONE NO. 304-623-3611

ADDRESS 445 West Main St., Clarksburg, WV. ZIP 26301

FARM NAME DuBois Deposit National Bank FARM NO. 3 SERIAL NO. WN-1504 ACRES 172

OWNSHIP Brady COUNTY Clearfield

DRILLING COMMENCED 6-18-76 DRILLING COMPLETED 6-24-76

ELEVATION 1672' QUADRANGLE PENFIELD Luthersburg  7 1/2'  15'

**CASING AND TUBING RECORD**

Pipe Size	Amount In Well	Material Behind Pipe Cement (Sks.)	Pipe Gel (Sks.)	Packer Type	Size	Depth	Date Run							
11 3/4	309	185 to surface		Guide	11 3/4	307 G.L.	6-19-76							
8 5/8	1207	290 to surface		Guide	8 5/8	1200 G.L.	6-22-76							
4 1/2	3547	275		Float	4 1/2	3526 K.B.	6-25-76							
<table border="1"> <tr> <td>3576</td> <td>3412</td> <td>D</td> <td>X</td> <td>/</td> <td>/</td> <td>Lease</td> </tr> </table>								3576	3412	D	X	/	/	Lease
3576	3412	D	X	/	/	Lease								
B. measurement 11' above G.L.														

**Perforation Record**

**Stimulation Record**

Date	Interval Perforated From	To	Date	Interval Treated	Amount Fluid	Amount Sand	Injection Rate
7-9-76	2587	2595 4	7-9-76	2587-95	400 bbl	20,000#	
7-9-76	2812	2817 5	7-9-76	2812-17	400 bbl	20,000#	
7-9-76	2943	2993 50	7-9-76	2943-93	400 bbl	20,000#	
7-9-76	3402	3412 10	7-9-76	3402-12	400 bbl	20,000#	

NATURAL OPEN FLOW N.T. NATURAL ROCK PRESSURE N.T. hrs. days

AFTER TREATMENT OPEN FLOW 581 ~~200~~ <sup>MCF</sup> AFTER TREATMENT ROCK PRESSURE 1180# , 16 days

REMARKS:

**RECEIVED**

AUG 31 1976

PA. GEOLOGIC SURVEY  
 Oil & Gas Division

*AB*

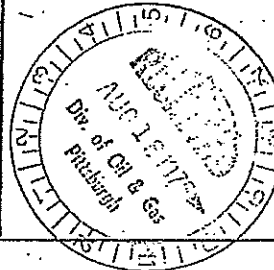
*Zane R. ...*

*\**

FORMATION ON REVERSE SIDE

FORMATIONS

NAME	TOP	BOTTOM	GAS AT	OIL AT	WATER AT (Fresh or Salt Water)	SOURCE OF DATA
Sand & Shale	0	420			FW-100	1" Stream
Sand & Shale	420	655			FW-420	1" Stream
Sand & Shale	655	825			FW-750	1" Stream
Red Rock	825	850				
Sand & Shale	850	1370				
Red Rock	1370	1410				
Sandy Shale	1410	1800				
Red Rock	1800	1850				
Shale	1850	1870				
Red Rock	1870	1890				
Sandy Shale	1890	2400				
Red Rock	2400	2460				
Sand & Shale	2460	3565	2870 (Show)			
Total Depth	3565					
<u>Gamma Ray Log Tops</u>						
Speechley Stray	2547	2599				
Speechley	2605	2672				
Tiona	2683	2724				
Balltown	2755	2864				
Sheffield	2864	2998				
1st. Brad.	3060	3154				
2nd. Brad.	3166	3234				
3rd. Brad.	3257	3276				
Kane	3400	3465				
T.D. Log	3576					



Date August 16, 1976

APPROVED Consolidated Gas Supply Corp.

By J. E. Duggan  
 Title  
 Manager of Production

11-07-2-56

11,000

81

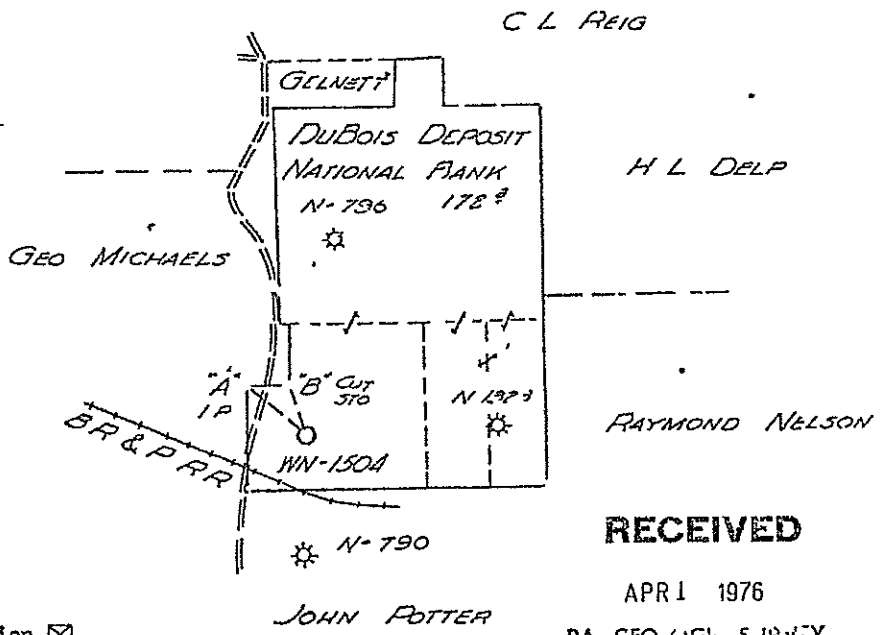
Longitude 75-22-50

Abstract 1-2 Map 17-1 N. 5.0' B. 11.0'  
 Loc. N. do 33 Pg. 1 Bk. 30  
 Approved \_\_\_\_\_ Date \_\_\_\_\_

Latitude 41

A - B EAST 360'  
 A - WN 150A 519° 21'E - 669'  
 B - WN 150A 518° 38'E - 160'

NOTE ALL BEARINGS CORRECTED TO PROPERTY DESCRIPTION



RECEIVED

APR 1 1976

PA GEO LOGIC SURVEY  
Oil & Gas Division

3600

- New Location
- Drill Deeper
- Abandonment
- Repairs

Company CONSOLIDATED GAS SUPPLY CORP  
 Address 115 W 44th St CARLEISLE, PA  
 Farm DUBOIS DEPOSIT NAT'L BANK  
 Tract \_\_\_\_\_ Acres 1.72 Lease No. 60986  
 Well(Farm)No. 3 Co. Serial No. WN-150A  
 Angle of Deviation, if any \_\_\_\_\_  
 Elevation 1572' Quadrangle LITERSBURG  
 County CARLEISLE Township BRADY  
 Engineer David L. ...  
 Engineer's Registration No. 010961-E  
 File No. \_\_\_\_\_ Drawing No. KC 21119  
 Date FEB 23 1976 Scale 1" = 500'

COMMONWEALTH OF PENNSYLVANIA  
 DEPARTMENT OF MINES  
 3-22-76  
 Oil and Gas Division  
 HARRISBURG  
 WELL LOCATION MAP  
 Dept. File No. CLB-20597  
 ⊕ Denotes Values of Well on United States Topographic Maps.  
 Scale 15'  71'   
 WORKABLE COAL SEAMS TO BE PENETRATED  
 Name of Seam \_\_\_\_\_ Owner of Seam \_\_\_\_\_