

Permit #	Elevation	TD	Tully	Onondoga	Chert	Oriskany	Onon. Sub sea
20325	1628	7637	6638	7616	7635	-	-5988
20341	1633	7365	6712	7281	7296	7351	-5648
20333	1642	7344	6686	7248	7266	7314	-5606
20327	1640	7318	6642	7219	7233	7288	-5579
20336	1544	7271	6610	7195	7213	7269	-5651
20328	1569	7227	6568	7133	7144	7198	-5564

PENFIELD G 206

DM-OG-4-56

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF MINES

1.9 90' S 41°05'00"
10.200' W 78°42'30" (4)

Oil and Gas Division
HARRISBURG

033-20325-P

LUTHERSBURG
QUADRANGLE: Penfield

7 1/2' 15'

PERMIT NO. CHE 325-P

MAP REFERENCE: 10S 17W S64 W117

KIND OF WELL: Gas Dry
(Oil, Gas, Other)

WELL RECORD

COMPANY: New York State Natural Gas Corporation	Size of Casing and Tubing	Used in Drilling	Left in Well	Packers: Type, Size and Depth
ADDRESS: #2 Gateway Center, Pittsburgh 22, Pa.	13-3/8"	60'	60'	
FARM John R. Potter ACRES 68	9-5/8"	1156'	294'	BHS @ 1152
WELL(FARM)NO. #1 CO. SERIAL NO. N-782	Vent 2"		274'	
ELEVATION: 1627.80 LEASE: 58357				
TOWNSHIP: Brady COUNTY: Clearfield				
DRILLING COMMENCED: 8/7/60 DRILLING COMPLETED: 10/13/60				
PRODUCTION: Dry Hole - Plug and Abandon				PERFORATIONS AT:
ROCK PRESSURE: _____ psig _____ hrs.				
WELL TREATMENT: (Shooting, Acidizing, Fracturing Etc.)				
CEMENTING DATA: (Size Pipe, Depth, No. Bags, Date)				
8/8/60 - 13-3/8" cem. w/50 sacks				
8/11/60 - 9-5/8" cem. @ 1152' w/50 sacks cem. and 15 sacks aquagel				
RESULTS AFTER TREATMENT:				
ROCK PRESSURE AFTER TREATMENT:				

REMARKS:

FORMATION	TOP	BOTTOM	GAS AT	OIL AT	WATER AT (Fresh or Salt Water)	REMARKS
Cellar	0	18				
Sand & shale	18	210			FW 50	
Lime & shale	210	220				
Sand & shale	220	255				
Coal or shale	255	265				
Sand	265	319				
Sand & shale	319	409				
Coal	409	415				
Sand & shale	415	2885				
Shale & sand	2885	3295				
Sand & shale	3295	4130	3324(show)			
Shale & sand shells	4130	4515				
Sand & shale	4515	4922				
Shale & sand	5060	5255				
Sand & shale	5255	5555				
Shale & sand	5555	5907				

(Over)

N-782

FORMATION	TOP	BOTTOM	GAS AT	OIL AT	WATER AT (Fresh or Salt Water)	REMARKS
Shale & shells	5907	6075				
Sand & shale	6075	6175				
Shale & shell	6175	6637				
Tully lime	6637	6754				
Shale & shells	6754	7617				
Onondaga	7617	7635				
Chert	7635					
Total depth		7637 (In. Chert)				
<u>Sample Study</u>						
Tully	6638					
Onondaga	7616					
Chert	7635					

DATE November 15, 19 60

APPROVED New York State Natural Gas Corporation OWNER

BY H. S. Baerger TITLE
Superintendent Operations

WETHERSBURG (1/2)

WELL RECORD

033-20325-P



Name John P. Potter #1 Co. Cleatfield Trap Brady No. 3279 2200' from N
 Owner N.Y.S. N-782 Contn. Product Drill Wettersburg 2300' from E

Date Elev. 1628 Authority Product Drill Wettersburg

Obtained by Local by Sketch

Geol. Name	1912 1960	Thick-ness	From	To	Geol. Name	2200 P. S. 41'-45', 1800 ft E 78° 45'	Thick-ness	From	To
<u>AUG 1960</u>	<u>Tully</u>		<u>6637</u>			<u>Moving in rotary</u>			
<u>AUG 26 1965</u>	<u>Onondaga</u>		<u>7617</u>			<u>4 3/8" @ 1152</u>			
	<u>Chert J</u>		<u>7635</u>						
	<u>TD</u>			<u>7637</u>					
<u>Sept 2- 1960</u>	<u>P & A</u>								
	<u>Completed 10 15' - (60)</u>								
	<u>Mauvek Chunk</u>		<u>635</u>						
	<u>Catskill</u>		<u>1430</u>	<u>1850</u>					
	<u>Pink rock</u>		<u>2300</u>						

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

DIVISION OF OIL AND GAS
Room 1205 Kossman Building
100 Forbes Avenue
Pittsburgh, Pennsylvania 15222

NCF
Office Use Only
CP

CERTIFICATE OF PLUGGING WELL TYPE OF WELL Gas

Forney Winner and Mary Winner
Coal Operator or Owner
218 Wheeler St., Lock Haven, PA 17745
Address

Felmont Oil Corporation
Name of Well Operator
P.O. Box 590, Olean, N.Y. 14760
Address

Coal Operator or Owner
Address

August 15, 1979
Date
Brady Township

Coal Operator or Owner
Address

Clearfield County

Farm Josephine Carlson, et al

COMPLETE ABOVE SECTION IF APPLICABLE

Well (Farm) No. 1 Serial No. F-128

Mr. John Gerg
DIVISION REPRESENTATIVE SUPERVISING

COAL REPRESENTATIVE OBSERVING

We, the undersigned representatives of the well operator certify that we participated in the plugging of the above well, and that the work was started July 31, 1979, and that the well was plugged as follows:

FILLING MATERIAL AND PLUGS	FROM	TO	Casing and Tubing		
			SIZE	PULLED	LEFT
Cast Iron Bridge Plug @ 7250'	7250'	7249'	13-3/8"	--	228'
20 sks. of 50-50 POZ + 10% salt	7249'	7120'	8-5/8"	--	1312'
Gelled water	7120'	2500'	5-1/2"	2500'	4870'
35 sks. of 50-50 POZ + 10% salt	2500'	2400'			
Gelled water	2400'	1750'			
35 sks. of 50-50 POZ + 10% salt	1750'	1650'			
Gelled water	1650'	1350'	Depth of Coal Seam, If Any		
55 sks. of 50-50 POZ + 10% salt	1350'	1175'	186 - 188'		
Gravel	1175'	1160'	329 - 331'		
Air	1160'	Surface			
			Description of Monument		
*Unable to cut 5-1/2" casing any lower than 2500' because casing was stuck in hole.			2" vent pipe 6' high with 2" tee on top.		

and that the work of plugging and filling said well was completed on the 8th day of August, 1979.

Felmont Oil Corporation
(Well Operator)
033-20341-P
PERMIT NO. CEE-341-P

Michael R. Walls
(Qualified Participant)
Michael R. Walls
(Qualified Participant)

PROJECT NO. _____

(Qualified Participant)

One copy of this certificate to be mailed to each coal operator or owner, if any, and one to the Division, by registered mail, upon completion of plugging.

19

WELL RECORD Directional Survey

Name Josephine Carlsson Co. Clearfield Twp. Brady No. 3330
 Owner Feltmont Oil Corp F-128 Contr. Noticed
 Date Elev. 1633.9 Product o Drill 033-20341-P
 Obtained by Authority Quad. DuBois F Locate by Sketch

29656' Fr N
 550' A E

Geol. Name	Thick-ness	From	To	653' At 41'-00" / 550' At 78'-00"		Thick-ness	From	To
				moving in rotary				
<u>Oct 28 1960</u>								
<u>Nov 18</u>								
<u>Tully</u>			<u>6712</u>					
<u>Onondaga</u>			<u>7281</u>	<u>Nov 16</u>				
<u>chert</u>			<u>7296</u>	<u>13 3/8" casing @ 230</u>				
<u>Nov 25</u>			<u>7351</u>	<u>8 5/8" 1320</u>				
<u>Oriskany</u>			<u>7365</u>	<u>5 1/2" " 7399</u>				
<u>T.D</u>								
<u>4150 Mcf gas BF</u>								
<u>R.P 2859 @ 20 hrs</u>								
				<u>6712 7281 7351</u>				
<u>Dec 2</u>				<u>1044 1044 1044</u>				
<u>15 000 Mcf gas</u>				<u>5089 5087 5086</u>				
<u>R.P 2810 @ 72 hrs</u>								
<u>Completed 11-26-60</u>								
<u>Franed 7290-7365</u>								

K

Du Bois F 23

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF MINES AND MINERAL INDUSTRIES
OIL AND GAS DIVISION

033-20341-P
Coal seams un-workable
~~66E-541-P~~
Non-petroleum products

14,500' S 41° 07' 30"
550' W 78° 45' 00"
(3)

DRANGLE: DuBois 7 1/2' 15'
Sec. "F"

PERMIT NO. _____

MAP REFERENCE: 29,650' S/NL
550' W/EL

KIND OF WELL: Gas
(Oil, Gas, Other)

WELL RECORD

COMPANY:	Size of Casing and Tubing	Used in Drilling	Left in Well	Packers: Type, Size and Depth
Felmont Oil Corporation	13 3/8"	228.22'	228.22'	
ADDRESS: P. O. Box 354, Bradford, Penna.	8 5/8"	1312.00'	1312.00'	
FARM Josephine Carlson, et al ACRES 48	5 1/2"	7370.22'	7370.22'	
WELL FARM NO. 1 CO. SERIAL NO. F-128 Sylvania #6972				
ELEVATION: 1644' RT LEASE: FPaL-9673				
TOWNSHIP: Brady COUNTY: Clearfield				
DRILLING COMMENCED: 11/1/60 COMPLETED: 11/26/60				
PRODUCTION: 4,150,000 cu. ft.				PERFORATIONS AT:
ROCK PRESSURE: 2839 psig. 20 hrs.				
WELL TREATMENT: (Shooting, Acidizing, Fracturing Etc.)				
11/25/60 - Halliburton hydrafrac from 7299' - to 7365' with 11,900 gal. frac fluid; propping agent 9,000# 20-40 sand, 3,500# 10-30 sand; 1,000 gal. MCA acid; 500# WG-4 gel agent; 200# CW-1 breaker agent; 30 gals. Howco ds; 3,500# sand; Max. pressure: 4500#.				
RESULTS AFTER TREATMENT: 15,000,000 cu. ft.				
ROCK PRESSURE AFTER TREATMENT: 2810# - 72 hrs.				

CEMENTING DATA: (Size Pipe, Depth, No. Bags, Date)
11/6 - Set 13 3/8" drive pipe @ 230' with 175 sacks of Regular cement.
11/9 - Set 8 5/8" casing @ 1320' with 375 sacks of Regular cement.
11/18 - Set 5 1/2" casing @ 7299' with 125 sacks of Regular cement and 40 sacks of Aquagel.

REMARKS: Gas Tested At:
7355' - 2,500,000 cu. ft.
7360' - 3,200,000 cu. ft.
7365' - 4,150,000 cu. ft.

FORMATION	TOP	BOTTOM	GAS AT	OIL AT	WATER AT (Fresh or Salt Water)	REMARKS
Clay	0	40				
Shale	40	107			107' (fresh)	
Sandy Shale	107	186				
Coal	186	188				
Shale	188	243			200' (fresh)	Set 13 3/8" @ 230'
Sand - Water Sand	243	248				
Sand & Shale	248	268				
Sand	268	280			275' (fresh)	
Shale	280	304				
Sand	304	308				
Shale	308	329				
Coal	329	331				

023-20341-P

FORMATION	TOP	BOTTOM	GAS AT	OIL AT	WATER AT (Fresh or Salt Water)	REMARKS
ale	331	417				
Coal	417	419				
Sand	419	423				
Sand & Shale	423	471				
Shale	471	485				
Sand & Shale	485	505				
Shale	505	515				
Sand	515	520				
Sand & Shale	520	524				
Sand	524	554				
Sand & Shale	554	561				
Sand	561	630				
Sand & Shale	630	675				
Sand	675	735				
Sandy Shale	735	760				
Sand	760	804				
Little Red	804	810				
Sandy Shale	810	890				
Sand & Shale	890	945				
Shale	945	965				
Sand w/little shale	965	1020				
Sandy Shale	1020	1025				
Sand	1025	1050				
Sand streak red rock	1050	1055				
Sand	1055	1060				
Sandy shale	1060	1075				
Sand	1075	1090				
Shale	1090	1100				
Sand	1100	1125				
Shale	1125	1130				
Sandy Shale	1130	1150				
Shale	1150	1155				
Sandy shale	1155	1165				
Sand	1165	1180				
Sandy Shale	1180	1225				
Sand	1225	1260				
Sand & Shale	1260	1280				
Sand	1280	1290				
Shale	1290	1300				
Sandy Shale	1300	1320				Set 8 5/8" @ 1320'
Sandy Shale	1320	1710				
Shale	1710	1780				
Red rock & Shale	1780	1790				
Sandy Shale	1790	1830				
Sandy red rock	1830	1835				
Sandy Shale	1835	1848				
Red rock	1848	1854				
Sandy shale	1854	2550				
Sand	2550	2640				
Sandy Shale	2640	2710				
Sand	2710	2820				
Sandy Shale	2820	2900				
Shale	2900	3040				

Date January 12, 19 61APPROVED FELMONT OIL CORPORATION, OwnerBy [Signature]
(Title) Vice President

PENFIELD D 272

*File under:
DuBois Nat'l Bank*

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF MINES

Oil and Gas Division
HARRISBURG

033-20333

QUADRANGLE: W. Theasby
Penfield

7 1/2' 15'

PERMIT NO. GLE-399

MAP REFERENCE: 9S 17W S63 W17 & 118

KIND OF WELL: GAS
(Oil, Gas, Other)

WELL RECORD

COMPANY:	Size of Casing and Tubing	Used in Drilling	Left in Well	Packers: Type, Size and Depth
New York State Natural Gas Corporation				
ADDRESS: <u>2 Gateway Center, Pgh. 22, Penna.</u>	13 3/8"	96'	96'	
FARM: <u>H. E. Ginter Est.</u> ACRES <u>172</u>	9 5/8"	1285'	1285'	BHS @ 1287
WELL (FARM) NO. <u>1</u> CO. SERIAL NO. <u>N-796</u>	7"	7335'	7335'	BHS @ 7267
ELEVATION: <u>1642.34</u> LEASE: <u>60986</u>				
TOWNSHIP: <u>Brady</u> COUNTY: <u>Clearfield</u>				
DRILLING COMMENCED: <u>12-1-60</u> COMPLETED: <u>12-23-60</u>				
PRODUCTION: <u>10,504,000</u> cubic feet				PERFORATIONS AT:
ROCK PRESSURE: <u>2340</u> psig <u>70</u> hrs.				
WELL TREATMENT: (Shooting, Acidizing, Fracturing Etc.) <u>12-22-60-Fractured w/20,000 gals. water, 200 lb. gel, 1,000 gal acid and 20,000 lb sand. Break- n pressure 3000 lbs; maximum pressure 3750 lbs ginal open flow of 48,000 cubic ft. in chert 3825,000 cubic ft. in Oriskany increased to 405,000 cubic ft. A/F. R.P. b/f 2450 lbs 24 1/2 hrs. dead weight.</u>				
RESULTS AFTER TREATMENT:	CEMENTING DATA: (Size Pipe, Depth, No. Bags, Date)			
	<u>12-3-60 - 13 3/8" cem. w/90 sax</u>			
	<u>12-7-60 - 9 5/8" cem. @ 1287 w/50 sax cem & 20 sax aquagel</u>			
ROCK PRESSURE AFTER TREATMENT:	<u>12-16-60 - 7" cem @ 7267 w/125 sax</u>			

REMARKS: * Well Permit Request and all initial Records Referred to this Well as "DuBois Deposit National Bank Trustee Etal". They are in fact Successor Trustee Under the Henry E. Ginter Deed of Trust. In the Interest of Brevity, We have Established and are Using the Farm Name as Recorded Above.

FORMATION	TOP	BOTTOM	GAS AT	OIL AT	WATER AT (Fresh or Salt Water)	REMARKS
Surface	0	5				
Sand & shale	5	105				
Shale & Sand	105	150				
Sand & Shale	150	340				
Coal	340	345				
Sand & Shale	345	375				
Shale & Sand	375	468				
Coal	468	474			458	
Shale & Sand	474	532				
Sand & Shale	532	735				
Sand	735	785				
Sand & Shale	785	1720				
Shale & Sand	1770	2165				
Sand & Shale	2165	4310	3385-92 (Show)			
Shale & sand	4310	5170				
Sand & Shale	5170	5405				

(Over)

FORMATION	TOP	BOTTOM	GAS AT	OIL AT	WATER AT (Fresh or Salt Water)	REMARKS
Shale & Shells	5405	6150				
Sand & Shale	6150	6425				
Shale & Shells	6425	6686				
Lime	6686	6784				
Shale & Shells	6784	7248				
Lime	7248	7266				
Chert	7266	7314	7267 & 7300			
Sand	7314	7343	7316-25			
Lime	7343					
Total Depth		7344				
<u>Sample Study</u>						
Tully	6686					
Onondaga	7248					
Chert	7266					
Oriskany	7314	7343				

DATE January 24, 1961

APPROVED New York State Natural Gas Corporation OWNER

BY APR. [Signature] TITLE
Superintendent Operations

WELL RECORD

033-20333

Name DuBais Nat Bank (1/2)
 Co. Clearfield Twp. Brady No. 3301
 Owner NYSNG Corp N796 Contr. H. J. ...
 Date _____ Elev. 1642 Product _____
 Obtained by _____ Authority Drill
L. H. Esbrey Quad. Lenfield D 7

2950
 2750
 2250 from E
 2240

Locate by Sketch

Geol. Name	Thick-ness	From	To	Geol. Name	Thick-ness	From	To
OCT 21 1960				800 ft N. ... 600 ft E 78 1/2			
Dec 18 1960							
Dec 16			6689				
	Tully		7248		7 3/8" casing @ 1287 ft		
	Onondaga		7266		7" " 7267 ft		
	Chert		7343				
	Oriskany		7344				
	T.D.						
	3875 Mcf BF				1A		
	RP 2390 psi 16 hrs.						
Dec 30	10,504 Mcf gas BF						
	RP 2340 psi 70 hrs.						
	Completed 12-30-60						
	Gas 7267 & 7300						
	7316-25						

DM-OG-4-56

Punkslawney - Driftwood Field
Helvetia Pool

1,850' S 41° 05' 00"
11,050' W 78° 42' 30" (4)

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF MINES

Oil and Gas Division
HARRISBURG

083-20327

QUADRANGLE: LUTHERSBURG
Penfield

7 1/2' 15'

PERMIT NO. GLE 327

MAP REFERENCE: 9S 17W S63 W117

KIND OF WELL: Gas
(Oil, Gas, Other)

WELL RECORD

COMPANY: New York State Natural Gas Corporation	Size of Casing and Tubing	Used in Drilling	Left in Well	Packers: Type, Size and Depth
ADDRESS: #2 Gateway Center, Pittsburgh 22, Pa.	13-3/8"	59'	59'	
FARM: John R. Potter ACRES 68	9-5/8"	1251'	1251'	BHS @ 1248'
WELL (FARM) NO. 2 CO. SERIAL NO. N-790	7"	7305'	7305'	BHS @ 7234'
ELEVATION: 1640.60 LEASE: 58357				
TOWNSHIP: Brady COUNTY: Clearfield				
DRILLING COMMENCED: 8/31/60 COMPLETED: 9/29/60				
PRODUCTION: 30,370,000 cubic feet				PERFORATIONS AT:
ROCK PRESSURE: 3293 psig 4 days. xxxx				
WELL TREATMENT: (Shooting, Acidizing, Fracturing Etc.)				
9/27/60 - Fractured w/20,500 gals. water, 1,000 gal. MCA, 150 lbs. gel and 20,000 lbs. sand. Breakdown pressure 2400 lbs.; maximum pressure 4800 lbs; minimum pressure, 2350 lbs.; final pressure 3800 lbs. Original open flow of 7,312,000 cubic feet increased to 30,370,000 cu ft. a/f Rock pressure b/f 3318 lbs. in 11 days				
	CEMENTING DATA: (Size Pipe, Depth, No. Bags, Date)			
	8/31/60 - 13-3/8" cem. @ 70' w/50 sacks			
	9/4/60 - 9-5/8" cem @ 1248' w/50 sacks cem., 15 sacks aquagel, & 25 sacks quadroflos			
RESULTS AFTER TREATMENT:				
ROCK PRESSURE AFTER TREATMENT:	9/13/60 - 7" cem. @ 7234' w/125 sacks.			

REMARKS:

FORMATION	TOP	BOTTOM	GAS AT	OIL AT	WATER AT (Fresh or Salt Water)	REMARKS
Surface	0	15				
Sand & shale	15	143			FW 75	
Red shale	143	146				
Sand & shale	146	205				
Coal	205	209				
Sand & shale	209	217				
Shale & sand	217	303				
Coal or black shale	303	306				
Shale & sand	306	320				
Shale	320	340				
Sand	340	550				
Shale & sand	550	580				
Sand	580	650				
Shale & sand	650	692				
Sand	692	733				
Red shale	733	735				

(Over)

Well N 790

FORMATION	TOP	BOTTOM	GAS AT	OIL AT	WATER AT (Fresh or Salt Water)	REMARKS
Sand & shale	735	1010				
Black shale	1010	1020				
Sand & shale	1020	2293				
Shale	2293	2295				
Shale & sand	2295	2601				
Sand & shale	2601	3415				
Shale & sand	3415	4015				
Sand & shale	4015	5025				
Shale & sand	5025	5475				
Sand & shale	5475	5680				
Shale & sand	5680	5857				
Sand & shale	5857	6030				
Lime & shale	6030	6137				
Lime	6137	6195				
Shale & shells	6195	6642				
Lime	6642	6750				
Shale & shells	6750	7219				
Onondaga lime	7219	7233				
Chert	7233	7288				
Sand	7288	7317	7291-7303			
Lime	7317					
Total Depth		7318				
<u>Sample Study</u>						
Tully	6642					
Onondaga	7219					
Chert	7233					
Oriskany	7288	7317	7291-7303			

RECEIVED
DEPT. OF MINES
& MINERAL IND.

1960 NOV 29 AM 8:44

DATE October 28, 19 60

APPROVED New York State Natural Gas Corporation OWNER

BY D. B. Bengels
TITLE

Superintendent of Operations

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF MINES AND MINERAL INDUSTRIES
OIL AND GAS DIVISION

1.300'S 41°05'00"
2.000'W 78°45'00" (F)

29 28/61
J

033-20336

QUADRANGLE: DuBois "3" 7 1/2' 15'

PERMIT NO. ELE 336

MAP REFERENCE: 1350 NL 2100 EL

KIND OF WELL: Gas
(Oil, Gas, Other)

WELL RECORD:

COMPANY:	Size of Casing and Tubing	Used in Drilling	Left in Well	Packers: Type, Size and Depth
<u>Lee E. Minter</u>				
ADDRESS: <u>9 Florence St. Bradford, Pa.</u>	<u>20"</u>	<u>19.60'</u>	<u>19.60'</u>	
FARM: <u>T W Chapman (Little Times Square ACRES POOL)</u>	<u>13 3/8"</u>	<u>218.08'</u>	<u>218.08'</u>	
WELL (FARM) NO. <u>1</u> GO. SERIAL NO. _____	<u>9 5/8"</u>	<u>1190.03'</u>	<u>1190.03'</u>	
ELEVATION: <u>1544</u> LEASE: _____	<u>5 1/2"</u>	<u>7199'</u>	<u>7199'</u>	
TOWNSHIP: <u>Brady</u> COUNTY: <u>Clearfield</u>				
DRILLING COMMENCED: <u>12/20/61</u> DRILLING COMPLETED: <u>1/13/61</u>				
PRODUCTION: <u>1,200 MCF</u>				PERFORATIONS AT:
ROCK PRESSURE: <u>2229</u> psig. <u>27 1/2</u> hrs				
WELL TREATMENT: (Shooting, Acidizing, Fracturing Etc.) <u>Hydrofrac 2/2/61</u>				
CEMENTING DATA (Size Pipe, Depth, No. Bags, Date)				
	<u>20"</u>	<u>19.60'</u>	<u>15 sacks</u>	<u>12/20/60</u>
	<u>13 3/8"</u>	<u>218'</u>	<u>215 sacks</u>	<u>12/21/60</u>
RESULTS AFTER TREATMENT: <u>5,876 MCF</u>	<u>9 5/8"</u>	<u>1190'</u>	<u>50 sacks</u>	<u>12/24/60</u>
ROCK PRESSURE AFTER TREATMENT: <u>2,069# 66Hrs</u>	<u>5 1/2"</u>	<u>7199'</u>	<u>150 sacks</u>	<u>1/10/61</u>

REMARKS:

FORMATION	TOP	BOTTOM	GAS AT	OIL AT	WATER AT (Fresh or Salt Water)	REMARKS
Sand	0	22				
Sand & shale	22	143			82' fresh	
White sand	143	173				
Coal	173	176				
Sand	176	180				
Sand & shale	180	197				
Coal	197	203				
Sand	203	211				
Sand & shale	211	360				
Coal or black shale	360	380				
Sand	380	395			405' fresh	
Coal or black shale	395	410				
Sand	410	470				
Sand & shale	470	595				
Sand	595	620				
Red Rock	820	842				

FORMATION	TOP	BOTTOM	GAS AT	OIL AT	WATER AT FEET BELOW Casing (Water)	REMARKS
Sand	842	870				
Sand & shale	870	895				
Sand & shale break	975	1065				
Sand & shale	1065	5715	2825-2835'			Est. 582 MCF
Shale & shell Gray	5715	6216				
Shale & shell Brown	6216	6624				
Lime Tully	6624	6724				
Shale & shell	6724	7195				
Lime	7195	7213				
Chert	7213	7269				
Sand Oriskany	7269	7282	T D 7271'			

Date February 15, 1961

APPROVED *H. E. Martin*, Owner

BY _____ (Title)

