

New Location
 Drill Deeper
 Abandonment

Calc 15' loc
 3.44S
 1.43W

Company CARNEGIE NATURAL GAS
 Address PITTSBURGH, PA
 Farm GENINE ROBINSON
 Tract 2 Acres 71± Lease No. E.3351-74
 Well (Farm) No. 4 Serial No. 1600
 Elevation (Spirit Level) 1139
 Quadrangle CENTERPOINT NE
 County WETZEL District GRANT
 Engineer D.T. BRITTON
 Engineer's Registration No. _____
 File No. _____ Drawing No. _____
 Date 4-21-44 Scale 1" = 400'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. WET-309

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.
 - Denotes one inch spaces on border line of original tracing

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. NET-309

Oil or Gas Well Gas
(Kind)

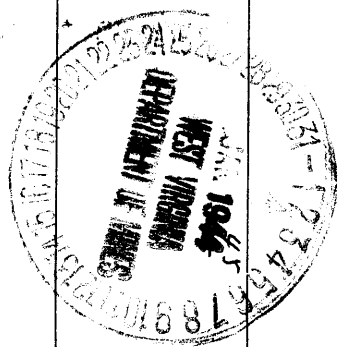
Company Carnegie Natural Gas
Address Pittsburgh, Penna.
Farm Genine Robinson Acres 71
Location (waters) Trader Fork of Fishing Creek
Well No. 4-E1600 Elev. 1139
District Grant County Wetzel
The surface of tract is owned in fee by The Robinson
Improvement Company, Address The Plains, Va.
Mineral rights are owned by The Robinson Improvement
Company, Address The Plains, Va.
Drilling commenced June 15, 1944
Drilling completed November 13, 1944
Date shot..... Depth of shot.....
Open Flow 26/10ths Water in..... 1 Inch
..... /10ths Merc. in..... Inch
Volume..... 48,232 Cu. Ft.
Rock Pressure..... 52 lbs. 46 hrs.
Oil..... 3 bbls. -..... bbls., 1st 41 hrs.
Fresh water..... 61 feet..... feet
Salt water..... feet..... feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer.....
16.....			<u>Anchor</u>
13.....			Size of <u>6.5/8" x 3"</u>
10.....	<u>264</u>	<u>110</u>	Depth set <u>2914'</u>
8 1/4.....	<u>1388</u>	<u>None</u>	Perf. top <u>3130</u>
6 3/4.....	<u>2146</u>	<u>2146</u>	Perf. bottom <u>3145</u>
5 3/16.....			Perf. top <u>2929</u>
3.....	<u>3145</u>	<u>3145</u>	Perf. bottom <u>2951</u>
2.....			
Liners Used.....			

CASING CEMENTED..... SIZE..... No. Ft..... Date

COAL WAS ENCOUNTERED AT 895 FEET..... INCHES
..... FEET..... INCHES..... FEET..... INCHES
..... FEET..... INCHES..... FEET..... INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Gravel	Gray		0	7			
Mud	Red	Soft	7	20			
Lime	Light	Medium	20	54			
Rock	Red	Soft	54	60	Water	61'	
Lime	Light	hard	60	70			
Slate	Light	Soft	70	130			
Rock	red	Soft	130	160			
Slate	dark	Soft	160	210			
Red Rock	red	Soft	210	230			
Slate	dark	Soft	230	255			
Lime	light	Medium	255	275			
Slate	light	Soft	275	420			
Buff Sand	light	Medium	420	490			
Slate	dark	Soft	490	500			
Lime	light	Hard	500	515			
Slate	dark	Soft	515	540			
Lime	light	Hard	540	575			
Slate	Light	Soft	575	638			
Lime	light	Hard	638	855			
Slate	dark	Soft	855	860			
Lime	light	Hard	860	895			
Coal (PGH)	Black	Soft	895	900			
Lime	light	Hard	900	930			
Slate	light	Soft	930	980			
Lime	light	Hard	980	1035			
Red Rock	red	Soft	1035	1070			
Sand	light	Hard	1070	1092			
Red Rock	red	Soft	1092	1110			
Slate	dark	Soft	1110	1134			
Red Rock	red	Soft	1134	1140			
Lime	light	Hard	1140	1150			
Slate	light	Soft	1150	1180			
Lime	light	Hard	1180	1197			
Slate	light	Soft	1197	1204			
Red Rock	red	Soft	1204	1240			
Slate	light	Soft	1240	1320			
Slate	dark	Soft	1320	1350			
Red Rock	red	Soft	1350	1385			
Big Dunkard	light	Hard	1385	1410			
Slate	light	Soft	1410	1505			
Sand (Gas)	light	Hard	1505	1530			
slate	light	Soft	1530	1570			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate	dark	Soft	1570	1600			
1st. Salt Sand	light	Hard	1600	1650			
Slate	light	Soft	1650	1840			
3rd. Salt Sand	White	Hard	1840	1862			
Slate	dark	Soft	1862	1872			
3rd. Salt Sand	light	Hard	1872	1920			
Slate	dark	Soft	1920	1952			
Sand & Shell	light	Hard	1952	1966			
Slate	dark	Hard	1966	2015			
Sand Maxton	white	Hard	2015	2056			
Slate	light	Soft	2056	2075			
Line	light	Hard	2075	2085			
Slate & Shell	light	Medium	2085	2100			
Little Line	light	Hard	2100	2111			
Pencil Cave	dark	Soft	2111	2115			
Big Line	light	Hard	2115	2200			
Big Injun	light	Hard	2200	2303			
Slate	dark	Soft	2303	2355			
Line	light	Soft	2355	2370			
Slate	Light	Soft	2370	2425			
Line	light	Hard	2425	2445			
Sand & Shell	light	Hard	2445	2618			
Line & Shell	light	Hard	2618	2623			
Slate	light	Soft	2623	2628			
Sand (Gantz)	light	Hard	2628	2635	Gas 2/10 W. in 1"		
Slate	light	Soft	2635	2650			
Sand "	light	Hard	2650	2662			
Slate	light	Soft	2662	2701			
Line	Light	Hard	2701	2742			
Slate	dark	Soft	2742	2765			
Sand (30')	light	Hard	2765	2774'			
Slate	light	Soft	2774	2905			
Gordon Stray	light	Hard	2905	2930			
Slate	light	Soft	2930	2948			
Gordon	light	Hard	2948	2970	Gas 2950' - 26/10 W. in 1"		
Slate	light	Soft	2970	2982			
4th Sand	light	Hard	2982	2996			
Slate	dark	Soft	2996	3075			
Line	light	Medium	3075	3088			
Slate	dark	Medium	3088	3102			
5th. Sand	light	Hard	3102	3110			
Slate	dark	Soft	3110	3152			
		Total Depth		3152'			

Date..... DECEMBER 29, 1914

APPROVED..... CARNEGIE NATURAL GAS COMPANY..... Owner

By..... *J. B. McLeod*.....
(Title) Geologist.