



New Location...
 Drill Deeper...
 Abandonment...

70.3
 16.2
 30.1
 42.1
 70.3
 99.95

AUG 12 1941

1.50W 1.52W
 5.43S 5.43S

Company CARNEGIE NATURAL GAS Co.
 Address PITTSBURGH, PA.
 Farm J.L. MURRAY
 Tract _____ Acres 475 Lease No. E-4378-41
 Well (Farm) No. 2 Serial No. 693
 Elevation (Spirit Level) 1240'
 Quadrangle MANNINGTON S.W. 1/4
 County MARION District MANNINGTON
 Engineer D.T. BRITTON
 Engineer's Registration No. _____
 File No. _____ Drawing No. _____
 Date 8-25-37 Scales AS SHOWN

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

WELL LOCATION MAP
 FILE NO. MAR-310A

+ 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.

J.L. MURRAY No. 2 (693) - CARNEGIE NAT. GAS CO. - MAR-310-A

316A

Hamington District, Marion County, W. Va.
 By Carnegie Natural Gas Co., 1014 Frick Bldg., Pittsburgh, Pa.
 On 475 acres.
 Elevation, 1240' L.
 Surface owned by C. J. Haight, Route 1, Hamington, W. Va., and minerals
 by C. B. Murray, Route 1, Fairmont, W. Va., and Geo. W. Powers,
 Hamington, W. Va.
 Drilling commenced Jan. 25, 1917; completed, March 10, 1917.
 Fresh water at 1892'.
 Salt water at 2006'.
 10" casing, 227'; 8", 1557'; 6", 2179'; 5", 2185'; 2" tubing, 2269'.
 Coal was encountered at 97'-978 and 1069-1077'.
 Oil well. Abandonment reported to Dept. of Mines July 30, 1941.
 Record to RST from Mrs. Griffith Aug. 4, 1941. Old file No. 395.

	Top.	Bottom.
Hapleton (Sewickley) Coal	972	- 978
Pittsburgh Coal	1069	- 1077
Murphy Sand	1187	- 1220
Little Barkard Sand	1370	- 1515
Big Barkard Sand	1545	- 1605
Gas Sand	1726	- 1754
2nd Gas Sand (water, 1892')	1850	- 1895
1st Salt Sand	1920	- 1947
2nd Salt Sand (water, 2006')	1980	- 2016
3rd Salt Sand	2030	- 2060
Marion Sand (gas at 2175-2197') (oil, 2215') (oil, 2261-2265')	2156	-
Total depth		2269

WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS DIVISION

395

WELL RECORD

Ab 310-A
Permit No. 310-A

WELL TO BE ABANDONED

Oil or Gas Well OIL
(Kind)

Company CARNEGIE NATURAL GAS COMPANY
Address 1014 FRICK BLDG., PITTSBURGH, PA.
Farm JACOB L. MURRAY Acres 475
Location (waters) _____
Well No. 2-693 Elev. 1240
District MANNINGTON County MARION
The surface of tract is owned in fee by C. L. HAUGHT
Route 1 Address MANNINGTON, W. VA.
Mineral rights are owned by C. B. MURRAY, Rt. #1, FAIRMONT,
W. VA. & GEO. W. BOWERS, MANNINGTON, W. VA.
Address _____
Drilling commenced 1-25-17
Drilling completed 3-10-17
Date shot _____ Depth of shot _____
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water 1892 feet _____ feet
Salt water 2006 feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16.			Kind of Packer
13.			
10.		<u>227'</u>	Size of
8 3/4.		<u>1557'</u>	
6 5/8.		<u>2179'</u>	Depth set
5 3/16.		<u>2185'</u>	
3.			Perf. top
2.		<u>2269'</u>	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
COAL WAS ENCOUNTERED AT 974 FEET _____ INCHES
1069 FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Mapletown Coal			<u>974'</u>	<u>978'</u>			
Pittsburgh Coal			<u>1069</u>	<u>1077</u>			
Murphy Sand			<u>1189</u>	<u>1220</u>			
Little Dunkard			<u>1470</u>	<u>1515</u>			
Big Dunkard			<u>1545</u>	<u>1605</u>			
Gas Sand			<u>1726</u>	<u>1754</u>			
2nd Gas Sand			<u>1850</u>	<u>1895</u>	Water	<u>1892'</u>	
1st Salt Sand			<u>1920</u>	<u>1943</u>			
2nd Salt Sand			<u>1980</u>	<u>2016</u>	Water	<u>2006'</u>	
3rd Salt Sand			<u>2030</u>	<u>2060</u>			
Maxon Sand			<u>2156</u>		Gas at Oil Oil	<u>2175'-2293'</u> <u>2245'</u> <u>2261'-2265'</u>	
TOTAL DEPTH				<u>2269'</u>			



