



Company Carnegie Natural Gas Co.
 Address 1014 Frich Bldg., Pittsburgh Pa.
 Farm Stephen Fluharty
 Tract Acres 79.1 Lease No. E10971-42
 Well (Farm) No. 1 Serial No. 1433
 Elevation (Spirit Level) 1650
 Quadrangle Mannington S. E. 1/4
 County Marion District Mannington
 Engineer A. I. Ritchie
 Engineer's Registration No. _____
 File No. _____ Drawing No. _____
 Date April 1937 Scale 1" = 400'

STATE OF WEST VIRGINIA
 Department of Mines
 OIL AND GAS DIVISION
 Charleston

WELL LOCATION MAP
 File No. MAR-165A

+ Denotes location of well on U. S. 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.

165A

Paw Paw District, Marion County, W. Va.
 By Carnegie Natural Gas Co., 1034 Frick Bldg., Pittsburgh, Pa.
 On 80 acres, on State Road Run; surface and mineral rights owned by
 G. Luther Fluorite, Route 4, Fairview, W. Va., and Heirs of
 Mollie Fluorite Angle, deceased, Henry Angle, Route 3,
 Mannington, W. Va.

Elevation, 1650' L.

Drilling commenced Dec. 10, 1928; completed, May 9, 1928.

Drilled deeper; commenced June 3, 1929; completed, June 14, 1929.

Open flow, 90/10ths water in 2"; D. D., 24/10ths water in 1".

Rock pressure, 815 lbs.; D. D., 49 lbs.

~52 mcf

Freshwater at 2571-76'.

10" casing, 1195'; 8 1/2", 1600'; 6", 2436'; 5", 3406'; 3" tubing, 3733';
 all left in.

2 anchor packers, 6" x 5" and 5" x 3, set at 3046 and 3451'.

Coal was encountered at 1072 and 1170'.

Gas well. Abandonment reported to Dept. of Mines Apr. 24, 1937.

Record to ROT from Dept. of Mines 4-30-37.

	Top.	Bottom.
Mapletown (Sewickley) Coal	1072	- 1080
Pittsburgh Coal	1170	- 1179
Little Dunkard Sand	1585	- 1612
Big Dunkard Sand	1660	- 1710
Gas Sand	1870	- 1925
1st Salt Sand	1945	- 2015
2nd Salt Sand	2120	- 2170
Little Lime	2385	- 2400
Pencil Cave	2400	- 2410
Big Lime	2410	- 2480
Big Injun Sand (gas, 2562-2566'; oil and water, 2571-2576') gas,	2480	- 2655
Berea Sand (gas, 3055-3056')	3040	- 3061
50-Ft. Sand	3085	- 3136
30-Ft. Sand	3218	- 3247
Gordon Stray Sand	3271	- 3280
Gordon Sand	3350	- 3370
Fourth Sand (gas, 3409-3410'; gas, 3411-3413')	3401	
Total depth		3413
DRILLED DEEPER:		
Fourth Sand		3458
Fifth Sand (gas, 3536-3538')	3535	- 3550
Bayard Sand	3581	- 3589
Total depth		3721

Land Act. (Title)

By

[Signature]

APPROVED

Owner

Date

April 24 1937

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Formation

Color

Hard or Soft

Top

Bottom

Oil, Gas or Water

Depth Found

Remarks