

Latitude  $39^{\circ} 40'$

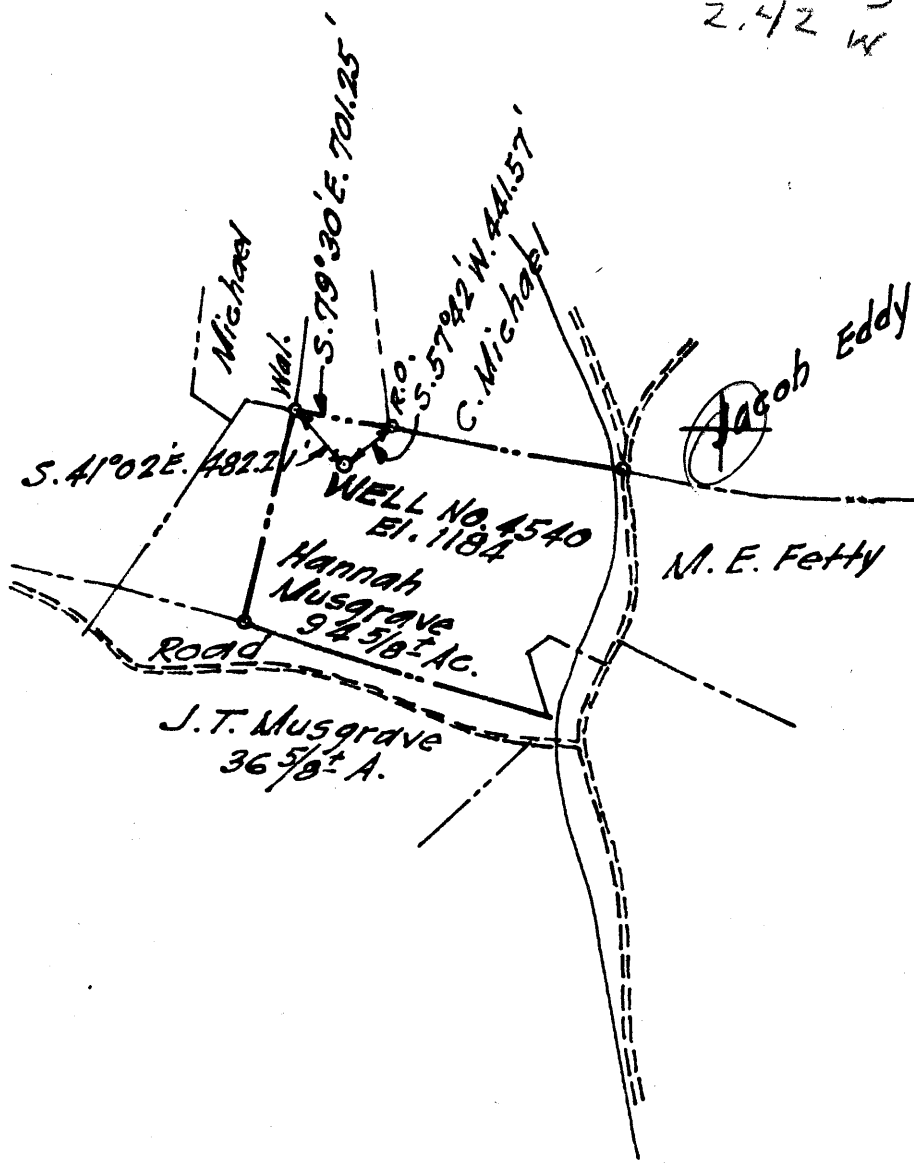
$39^{\circ} 37' 30''$

Longitude  $80^{\circ} 07' 30''$

Longitude  $80^{\circ} 05'$

3.925  
2.42 W

7/2  
1.045  
29 W



New Location   
 Drill Deeper   
 Abandonment

MAR 15 1959

2.43 W  
4.0

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

WELL LOCATION MAP

FILE NO. Mon-623-A  
was 36A

+ 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.

Company A. M. Snider  
 Address 60 Sunset Dr., Fairmont, W. Va.  
 Farm Hannah Musgrave  
 Tract \_\_\_\_\_ Acres 94 5/8 Lease No. \_\_\_\_\_  
 Well (Farm) No. 4540 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) El. 1184  
 Quadrangle Blacksville/6  
 County Monongalia District Grant  
 Engineer Wm. H. Highman  
 Engineer's Registration No. 1868  
 File No. A.M.S. Drawing No. 9  
 Date Sept. 23, 1958 Scale 1" = 80 P.

HANNAH MUSGRAVE No. 4540 - A. M. SNIDER - MON-623-A

Wells No. 4541 2375 340  
TYPE NATURAL GAS  
JOHN J. MURPHY  
GRANT

MONROE  
11/11/1911



Geological map of the area...

This map was prepared by the U.S. Geological Survey and is published as a supplement to the report on the geology of the area...

Grant District, Monongalia County, W. Va.  
 By Hope Natural Gas Co., 445 W. Main St., Clarksburg, W. Va.  
 On 335 acres, surface owned by Corder Musgrave, Fairmont, W. Va.,  
 and mineral rights by Continental Coal Co. et al., Fairmont, W. Va.  
 Drilled prior to June 1, 1929.  
 Elevation, 1184' L.  
 10" casing, 558'; 8 $\frac{1}{2}$ " 1498'; 6-5/8" 1757'; 5-3/16" 2781'.  
 Coal was encountered at 36-40, 380-385, and 477-482'.  
 Abandonment reported to Dept. of Mines August 27, 1931.  
 Well was shot at 2853-2860'.  
 Fresh water at 150'; salt water at 1497'.  
 Gas well; now exhausted to extent of not being commercially  
 productive.

	Top.	Bottom.
Native coal	36	40
(Water, 150')		
Mapletown (Sewickley) Coal	380	385
Pittsburgh Coal	477	482
Little Dunkard Sand	855	880
Big Dunkard Sand	975	995
Gas Sand	1080	1155
First Salt Sand	1290	1348
Second Salt Sand	1365	1410
Third Salt Sand (water, 1497')	1425	1525
Maxton Sand	1635	1680
Little Lime	1685	1705
Pencil Cave	1705	1715
Big Lime	1715	1821
Big Injun Sand (gas, 1890-1904-1910')	1821	1939
Berea Sand	2045	2085
50-Ft. Sand	2354	2387
30-Ft. Sand	2403	2500
Stray Sand	2505	2535
Gordon Sand	Not recorded	
Fourth Sand	2747	2753
Fifth Sand (gas, 2853-2855')	2852	2912
Total depth		2920

WEST VIRGINIA DEPARTMENT OF MINES  
Oil and Gas Section  
PRELIMINARY DATA SHEET NO. 1

File No. \_\_\_\_\_ Well No. 4500

Step Natural Gas Company, of 600 West State St.

Washington, D. C. as the John F. Magraw \_\_\_\_\_

containing 500 acres, Location \_\_\_\_\_

Grant District, in Marion County, West Virginia.

The surface of the above tract is owned in fee by Robert Magraw

of Washington, D. C. address, and the mineral rights are owned by

Washington Coal Company et al. of Washington, D. C.

The oil and gas privileges are held under lease by the above named company, and this well is drilled under permit No. \_\_\_\_\_ issued by the West Virginia Department of Mines, Oil and Gas Section.

Drilled under permit to John Loh, 1926. \_\_\_\_\_

Direction of surface at top of well, 1200 \_\_\_\_\_ 1200

The number of feet of the different steel casings used in the well.

\_\_\_\_\_ feet \_\_\_\_\_ diam. \_\_\_\_\_ Wood casing

500 feet 2 1/2" diam. top 1400 feet 2 1/2" steel top

1000 feet 2 1/2" diam. top 2000 feet 2 1/2" steel top

\_\_\_\_\_ feet \_\_\_\_\_ diam. top \_\_\_\_\_ steel top

\_\_\_\_\_ galvanized \_\_\_\_\_ diam. at \_\_\_\_\_

\_\_\_\_\_ galvanized \_\_\_\_\_ diam. at \_\_\_\_\_

\_\_\_\_\_ in casing perforated at \_\_\_\_\_ feet to \_\_\_\_\_ feet

\_\_\_\_\_ in casing perforated at \_\_\_\_\_ feet to \_\_\_\_\_ feet

Cool was encountered at 50 feet, thickness 50 inches, and at 500

feet, thickness 50 inches, and at 500 feet, thickness 50 inches

\_\_\_\_\_ Meters were used as follows: (Give details)

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

August 27, 1926. \_\_\_\_\_

\_\_\_\_\_

Approved Step Natural Gas Company \_\_\_\_\_

By H. J. Magraw \_\_\_\_\_  
(1926)

Site Name: \_\_\_\_\_ Project: \_\_\_\_\_

Site No: \_\_\_\_\_ Address: \_\_\_\_\_

Monitoring, S. No. \_\_\_\_\_ Cell No. \_\_\_\_\_

COMPLETION DATA SHEET  
NO. 2  
FORMATION RECORD

Time	Color	Character	Sp. Gr.	Temp	Barom	Volume	Flow	Remarks
08:00								
08:05								
08:10								
08:15								
08:20								
08:25								
08:30								
08:35								
08:40								
08:45								
08:50								
08:55								
09:00								
09:05								
09:10								
09:15								
09:20								
09:25								
09:30								
09:35								
09:40								
09:45								
09:50								
09:55								
10:00								

Well no. \_\_\_\_\_ Date \_\_\_\_\_

Flow rate \_\_\_\_\_

Well no. \_\_\_\_\_ Date \_\_\_\_\_

Approved \_\_\_\_\_