



JOHN S. FLETCHER

L-1594  
EL. 1388'

JOSEPH PHILLIPPI  
(SURF.)

J. R. LOUGH  
L.S. No. L-2067  
100 AC.

FLETCHER

4.42S  
1.80W

COAL OWNED BY \_\_\_\_\_

NEW LOCATION...   
 DRILL DEEPER...   
 ABANDONMENT...

0-25-20

COMPANY THE MANUFACTURERS LIGHT & HEAT  
 ADDRESS 800 UNION TRUST BLDG. PGH. PA.  
 FARM J. R. LOUGH  
 TRACT \_\_\_\_\_ ACRES 100 LEASE NO. 2067  
 WELL (FARM) No. 1 SERIAL No. 1594  
 ELEVATION (SPIRIT LEVEL) 1388'  
 QUADRANGLE CAMERON  
 COUNTY MARSHALL DISTRICT CAMERON  
 ENGINEER Thomas E. Virgin M.  
 ENGINEER'S REGISTRATION No. 1503  
 FILE No. \_\_\_\_\_ DRAWING No. V-25-454  
 DATE 6 NOV. 61 SCALE 1" = 200'

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

**WELL LOCATION MAP**

FILE No. MARS-440-A

+ 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. R. LOUGH NO. 1 (L-1594) WELL.

Cameron District, Marshall County, W. Va.

By The Manufacturere Lt. and Ht. Co. 800 Union Trust Bldg., Pittsburgh 19, Pa.

Drilled under permit No. Mars-440-A.

On 100 acres.

Drilling commenced May 7, 1913; completed June 19, 1913.

Rock pressure 230 lbs. 1/2 hr.

Casing: 10", 298' (pulled) 8", 1302'<sup>1</sup>/<sub>2</sub>, left in; 6-5/8", 2046' left in.

Coal encountered at 618', 800', 898', 1430'.

Gas well.

Record to Dept. of Mines Nov. 10, 1961.

Record to RCF, from Mrs. Griffith Oct. 6, 1962. *O.F.M. 451*

	Thickness	Top.	Bottom.	
Waynesburgh coal, little gas	5	618	623	
Mapletown coal	6	800	806	
Pittsburgh coal	7	898	905	
Murphy sand	30	994	1028	
Red rock	278	1028	1302	Caved very
Little dunkard	45	1302	1347	bad.
Big Dunkard	40	1388	1428	
Coal	5	1430	1435	
Sand	30	1510	1540	Little gas
Sand	40	1570	1610	
Gas sand	45	1661	1706	
Salt sand	50	1874	1924	
Little lime	12	1948	1960	
Pencil cave	5	1960	1965	
Big lime	75	1965	2040	
Big Injun	263 -	2040	2303	Break at 125'
Sand	20	2410	2430	
Sand	19	2600	2619	
Thirty foot	35	2639	2674	
Pink or red rock	89	2751	2840	
fifty foot	31	2842	2873	
Little gas at 5 ft. in sand				
Gordon stray	32	2908	2925	Gas at 2917'
Total depth			2925	