

LATITUDE

395230

08 08

LONGITUDE

0 → OGIS  
75' loc

7'5 OGIS topo location

7.5' loc 2845  
1.11W

15' loc 5.725  
(calc.) 1.11W

Company \_\_\_\_\_

Farm \_\_\_\_\_

Quad Cameron +15'EC

County \_\_\_\_\_

District Cameron

WELL LOCATION MAP

File No. Marshall 10

Cameron District, Marshall County, W. Va.

Manufacturers Light &amp; Heat Co., 800 Union Tr. Bldg., Pittsburgh, Pa.

On 105 acres, surface owned by B. R. and Alice Chambers, R. D.,

Cameron, W. Va., and mineral rights by ML&amp;H Co., Pittsburgh, Pa.

Drilled under permit Mars-10, issued Nov. 12, 1929.

Elevation, 1225'.

10" casing, 204'; 8", 1105'; 6-5/8", 1945'; 4" tubing, 2961'.

Coal was encountered at 480-484, 684-688, 795-801'.

Completion reported to Dept. of Mines Feb. 26, 1930.

	Top.	Bottom.
Sand	8	14
Bluff Sand	435	480
✓ Waynesburg Coal	480	484
✓ Mapletown Coal	684	688
✓ Pittsburgh Coal (4 bails water per hr.)	795	801
✓ Murphy Sand	880	930
✓ Little Dunkard Sand	1199	1207
Sand	1242	1253
✓ Big Dunkard Sand	1300	1348
Gas Sand	1410	1420
✓ 1st Salt Sand	1498	1513
✓ 2nd Salt Sand	1585	1615
✓ 3rd Salt Sand	1635	1690
✓ Maxton Sand	1915	1931
✓ Pencil Cave	1931	1940
✓ Big Lime	1940	1974
✓ Big Injan Sand	1974	2214
✓ 30-Ft. ? Sand	2515	2533
Slate	2533	2545
✓ 30-Ft. ? Sand	2545	2570
✓ 50-Ft. ? Sand (gas, 6/10 water in 2")	2734	2765
✓ Gordon Stray Sand	2800	2810
✓ Gordon Sand	2812	2844
✓ 4th Sand	2878	2887
✓ 5th Sand	2900	2905
Total depth		2940

Mars-10

K 103 MCL

mus-10

WEST VIRGINIA DEPARTMENT OF MINES

OIL & GAS SECTION

PRELIMINARY DATA SHEET NO. 1

File No. \_\_\_\_\_

Well No. 3403

The Manufacturers Light & Heat Company, of 800 Union Trust Bldg.,  
Pittsburgh, Pennsylvania, on the B. R. Chambers Farm  
containing 105 acres. Location \_\_\_\_\_  
Cameron District, in Marshall County, W. Va.

The surface of the above tract is owned in fee by B. R.  
Chambers of R D, Cameron, W. Va., address, and the  
mineral rights are owned by The Manufacturers Light & Heat Co., of Pittsburgh, Pa.

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,

November 1st

1929.

Elevation of surface at top of well, 1225' Spirit Barometric.

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

16 feet 13" size. Wood conductor.  
1109 1/2 feet 8 1/4" size, csg. 204 feet 10" sized csg. All Palled  
1946 1/2 feet 6 7/8" size, csg. \_\_\_\_\_ feet \_\_\_\_\_ sized csg.  
2961 1/2 feet 4" size, Tubing \_\_\_\_\_ feet \_\_\_\_\_ sized csg.

Anchor packer of 6 7/8" x 4" size, set at 2561 1/2 ft.  
packer of \_\_\_\_\_ size, set at \_\_\_\_\_

4 in. Tubing perforated at 2916 10/12 feet to 2916 6/12 feet.

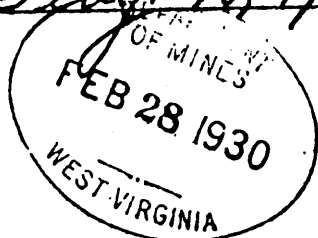
4 in. Tubing perforated at 2727 8/12 feet to 2727 4/12 feet.

Coal was encountered at 480 feet; thickness 4' 00 inches, and at  
684 feet; thickness 4' 00 inches; and at 795 feet;  
thickness 6' 00 inches.

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

No Liners used

Feb 18, 1930 Date.



Approved THE MANUFACTURERS LIGHT & HEAT CO. Owner.

By Harry H Fowler  
LAND AGENT

The Manufacturers Light & Heat Company

800 Union Trust Building, Address

Pittsburgh, Pa.

COMPLETION DATA SHEET

NO. 2

FORMATION RECORD

Well # 3403 P.R. Alice Chambers Cameron Dist. Mar. Co., W. Va.

Name	Color	Character	Oil, Gas or Water	Top	Bottom	Thickness	Total Depth	Remarks
Sand	White	Soft		8	14	6		
Bluff Sand	"	Hard		435	480	45		
Waynesburg Coal	Black	Soft		480	484	4		
Lime	White	Hard		484	684	200		
Mapletown Coal	Black	Soft		684	688	4		
Lime	Light	Hard		688	700	12		
Slate	"	Soft		700	795	95		
Pgh. Coal	Black	"	water in coal	795	801	6		
Lime	White	Hard		801	880	79		
Murphy Sand	"	"	Gas at 896	880	930	50		
Little Dunkard	"	"		1199	1207	8		
Sand	"	"		1242	1253	11		
Big Dunkard	"	"		1300	1348	48		
Gas Sand	"	"		1410	1420	10		
1st Salt Sand	"	"		1498	1513	15		
2nd " "	"	"		1585	1615	30		
3rd " "	"	"		1635	1690	55		
Maxom Sand	"	"		1915	1931	16		
Pencil Cave	Black	Soft		1931	1940	9		
Big Lime	White	Hard		1940	1974	34		
Big Injun	"	"		1974	2214	240		
Thirty Foot Sand	"	"		2515	2533	18		
Slate	Black	Soft		2533	2545	12		
Thirty Foot Sand	White	Hard		2545	2570	25		
Fifty Foot Sand	"	"	Gas at 2737	2734	2765	31		
Gordon Stray	"	"	" " 2803	2800	2810	10		
Gordon Sand	"	"	" " 2816	2812	2844	32		
Fourth Sand	"	"		2878	2887	11		
Fifth Sand	"	"		2900	2905	5		
							Total Depth	2940 2940

Well was ~~not~~ shot at 2813 to 2820 feet; well was shot at \_\_\_\_\_ feet.

Fresh water ~~at~~ in Pgh. Coal \_\_\_\_\_ feet; fresh water at \_\_\_\_\_ feet.

Well was ~~dry~~ producing Gas hole.

THE MANUFACTURERS LIGHT & HEAT CO.

Felix 18, 1930  
Date

Approved

Harry H Fowler  
LAND AGENT

NOTE: All bottom formations must be noted as indicated above and all key-rocks and oil and gas sands must be recorded under their proper geological names in the district as well as any local names commonly used in the district for such strata.