

LATITUDE 39 50

39°47'30"

LONGITUDE 80 30



COAL OWNED BY STATE OF WEST VIRGINIA

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

COMPANY **THE MANUFACTURERS LIGHT AND HEAT CO**
 ADDRESS **800 UNION TRUST BUILDING PITTSBURGH PA.**
 FARM **MURTAUGH HRS.**
 TRACT _____ ACRES **60** LEASE No. **4900**
 WELL (FARM) No. **2** SERIAL No. **2929**
 ELEVATION (SPIRIT LEVEL) **983'**
 QUADRANGLE **CAMERON**
 COUNTY **MARSHALL** DISTRICT **LIBERTY**
 ENGINEER *Glenn*
 ENGINEER'S REGISTRATION No. _____
 FILE No. _____ DRAWING No. **Y-13-131**
 DATE **NOV-19-1948** SCALE **1" = 500'**

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

WELL LOCATION MAP

FILE No. **MARS-286-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.

6-6

(024)

MUPTAUGH HEIRS NO. 2929 WELL.

Liberty District, Marshall County, W. Va.
 By The Manufacturers Light & Heat Co., 800 Union Trust Bldg.,
 Pittsburgh, Pa.

Abandoned under permit Mars-----A?
 On 60 acres.

Elevation,¹ L.

Surface owned by John Murtough et al., 1139 W. Main St., Grafton, W. Va.,
 and minerals by The Manufacturers Light & Heat Co., 800 Union Trust
 Bldg., Pittsburgh, Pa.

Drilling commenced July 31, 1924; completed Aug. 12, 1924.

10" casing, 146' 8"; 8 $\frac{1}{2}$ " 1062' 4"; all left in.

Coal was encountered at 300-304, 360-364, 565-570, and 670-677'.

Gas well. Abandonment reported to Dept. of Mines Nov. 22, 1948.

Record to RCT from Mrs. Griffith May 21, 1949. Old File No. 336.

	Top.	Bottom.
Shale	0	12
Lime	12	30
Slate (little water at 30')	30	60
Sand	60	100
Slate	100	125
Lime (hole full water, 130')	125	150
Slate	150	175
Lime (2 bailers water per hr. at 175')	175	200
Slate	200	240
Lime	240	270
Slate	270	300
Native coal	300	304
Slate	304	340
Bluff Sand	340	350
Waynesburg Coal (little gas)	360	364
Slate	364	464
Sand	464	565
Mapletown (Sewickley) Coal	565	570
Lime	570	670
Pittsburgh Coal	670	677
Lime	677	730
Red rock	730	750
Lime	750	800
Pink rock	800	810
Lime	810	850
Slate	850	870
Red rock	870	890
Red rock	910	940
Lime	940	1000
Red rock	1000	1030
Slate	1030	1070
Lime	1070	1085
Red rock	1085	1095
Little Dunkard Sand	1095	1140
Big Dunkard Sand (gas, 1157-1170')	1140	1150?
Total depth		1171



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

336

WELL RECORD

Permit No. Ab 286-A

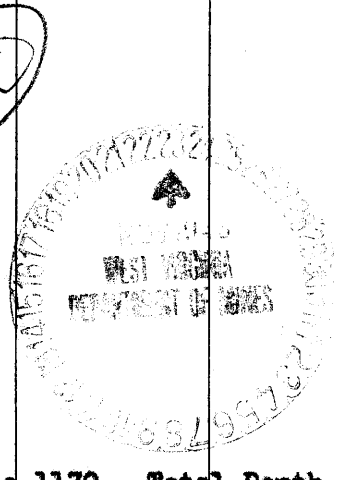
Oil or Gas Well Oil
(KIND)

Company The Manufacturers Light & Heat Company
Address 800 Union Trust Bldg., Pittsburgh, Pa.
Farm Murtaugh Heirs Acres 60
Location (waters).....
Well No. 2929 Elev.....
District Liberty County Marshall
The surface of tract is owned in fee by John Murtaugh, et al
1139 W. Main St. Address Grafton, W. Va.
Mineral rights are owned by The Mfrs. Light & Heat Co.
800 Union Trust Bldg. Address Pittsburgh, Pa.
Drilling commenced July 31st, 1924
Drilling completed August 12th, 1924
Date Shot From To
With
Open Flow /10ths Water in..... Inch
/10ths Merc. in..... Inch
Volume..... Cu. Ft.
Rock Pressure..... lbs..... hrs.
Oil..... bbls., 1st 24 hrs.
Fresh water..... feet..... feet
Salt water..... feet..... feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer.....
18			
10	<u>116-8</u>	<u>116-8</u>	Size of.....
8 1/4	<u>1062-4</u>	<u>1062-4</u>	
6 1/2			Depth set.....
5 3/16			
3			Perf. top.....
2			Perf. bottom.....
Liners Used			Perf. top.....
			Perf. bottom.....

CASING CEMENTED..... SIZE..... No. Ft..... Date
COAL WAS ENCOUNTERED AT 300 FEET 48 INCHES
360 FEET 48 INCHES 565 FEET 60 INCHES
670 FEET 84 INCHES..... FEET..... INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Shale			0	12			
Lime			12	30			
Slate			30	60			
Sand			60	100			
Slate			100	125			
Lime			125	150			
Slate			150	175			
Lime			175	200			
Slate			200	240			
Lime			240	270			
Slate			270	300			
Native Coal			300	304			Little water at 30 ft.
Slate			304	340			
Bluff Sand			340	360			Hole full water 130 ft.
Waynesburg Coal			360	364			2 bailers water per hr. at 175 ft.
Slate			364	464			
Sand			464	565			
Mapletown Coal			565	570			Little gas in Waynesburg Coal
Lime			570	670			
Pittsburgh Coal			670	677			
Lime			677	730			
Red Rock			730	750			
Lime			750	800			
Pink Rock			800	810			
Lime			810	850			
Slate			850	870			
Red Rock			870	890			
Red Rock			910	940			
Lime			940	1000			
Red Rock			1000	1030			
Slate			1030	1070			
Lime			1070	1085			
Red Rock			1085	1095			
Little Dunkard			1095	1140			
Big Dunkard			1140	1150			Gas 1157 to 1170 - Total Depth 1171.
TOTAL DEPTH			1171				



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks

Date **NOVEMBER 22ND,** 194**8**

APPROVED **THE MANUFACTURERS LIGHT & HEAT COMPANY**, Owner

By *Paul Cooper* LAND AGENT
(Title)