



COMPANY **THE MANUFACTURERS LIGHT & HEAT CO.**
 ADDRESS **800-UNION TRUST BLDG. PGH. PA.,**
 FARM **DANIEL S. SMITH**
 TRACT **361.9 Ac** **2796**
 WELL (FARM) NO. **1** **1381**
 ELEVATION (SPIRIT LEVEL) **860'**
 QUADRANGLE **CENTERPOINT QUAD. S.E. 1/4**
 COUNTY **DODDRIDGE** **MCCLELLAN**
 ENGINEER **AC Streater**
 ENGINEER'S REGISTRATION NO. _____
 FILE NO. **Y-13-50**
 DATE **MAY 5, 1948** **1" = 800'**

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON
WELL LOCATION MAP
 FILE NO. **DOD-649-A**

DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS, SCALE 1 TO 82,500. LATITUDE AND LONGITUDE LINES BEING REPRESENTED BY BORDER LINES AS SHOWN.
 DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

529

WELL RECORD

Permit No. 649-A Oil or Gas Well (GAS)

Company THE MANUFACTURERS LIGHT & HEAT COMPANY
Address 800 Union Trust Building, Pgh. Pa.
Farm D. S. Smith Acres 370
Location (waters) _____
Well No. 1381 Elev. 860
District McClellan County Doddridge
The surface of tract is owned in fee by _____
Address _____

Mineral rights are owned by The Mfrs. Light & Heat Co.
800 Union Trust Bldg. Address Pittsburgh, Pa.
Drilling commenced June 12th, 1902
Drilling completed July 30th, 1902
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
13.	23	23	
10.	185	185	Size of
8 1/2.	975	975	
6 1/2.	1840	1840	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 115 FEET 900 INCHES
470 FEET 960 INCHES FEET _____ INCHES
FEET _____ INCHES FEET 7 INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
First water			0	25			Did not try to pull any casing in we
Second water			25	115			
First Coal			115	190			
Clay			190	250			
Slate & Lime			250	350			
Sand			350	400			
Red Rock			400	470			
Pittsburgh Coal			470	550			
Slate & Shells			550	650			
Sand			650	750			
Slate			750	850			
Little Lime			850	950			
Slate, Lime & Rock			950	1050			
Red Rock			1050	1150			
Clay			1150	1250			
Red Rock			1250	1350			
Sand			1350	1440			
Slate & Lime			1440	1500			
Maxon Sand			1500	1575			
Red Rock			1575	1690			
Little Lime			1690	1725			
Big Lime			1725	1776			
Big Injun Sand			1776	1795			
Gas in Injun Sand			1795	1895			
Second gas			1895	1920			
Bottom Oil Sand			1920	1932			
Oil			1932	1935			
Through Big Injun			1935	1945			

TOTAL DEPTH _____ Purchased from Eastern Oil Company
December 28th, 1904

MAY 1948
WEST VIRGINIA
DEPARTMENT OF MINES
Inspector of Wells Log
Shows total depth 1945

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

Date May 11th, 1948

APPROVED THE MANUFACTURERS LIGHT & HEAT COMPANY Owner

By Paul Cooper
(Title) LAND AGENT.