



LATITUDE 39 0 50
39°47'30"

LONGITUDE 80 0 35'

4.875V
1.44W
+

COAL OWNED BY _____

NEW LOCATION

DRILL DEEPER

ABANDONMENT

0-25-28

COMPANY THE MANUFACTURERS LIGHT & HEAT

ADDRESS 800 UNION TRUST BLDG, PSH, PA.

FARM M. L. & H. CO.

TRACT _____ ACRES 55 LEASE No. 2261

WELL (FARM) No. 1 SERIAL No. 4627

ELEVATION (SPIRIT LEVEL) 1309.98'

QUADRANGLE CAMERON SC

COUNTY MARSHALL DISTRICT LIBERTY

ENGINEER Robert McNeill (J.F.)

ENGINEER'S REGISTRATION No. 361-E

FILE No. _____ DRAWING No. Y-25-380

DATE 20 JUNE 61 SCALE 1" = 800'

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

WELL LOCATION MAP

FILE No. MARS-421

+ 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.

99 25



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

check for storage

Quadrangle Cameron

WELL RECORD

Permit No. MARS-421

Oil or Gas Well GAS
(KIND)

Company The Manufacturers Lt. and Ht. Co.
Address 800 Union Trust Bldg., Pittsburgh 19, Pa.
Farm The Mfrs. Lt. and Ht. Co. Acres 55
Location (waters) _____
Well No. L-4647 Elev. 1327'
District Liberty County Marshall
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced August 21, 1961
Drilling completed November 3, 1961
Date Shot 11/3/61 From 2214 ^{Big Injun} To 2225
With Pitot Tube
Open Flow 100# ~~water~~ 4 Inch
10ths Merc. in Inch
Volume 41,120,000 Cu. Ft.
Rock Pressure 790 lbs. 24 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 3/8"	98'	98'	
10			Size of
8 5/8"	1086'	1086'	
6 1/2"	2121'	2121'	Depth set
8			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 993 FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
✓ Pittsburgh Coal			993	1000			
✓ Maxton Sand			2066	2072	No Gas in Maxton Sand		
✓ Big Lime			2076		Gas in Big Injun 2214		
✓ Big Injun				2244	Not Drilled Through		
<p>Note: This Well Logged on 10/10/61 by Schlumberger Well Survey Corp., total depth logged was 2171'</p>					<p>Note: 17 1/2" Hole drilled to 107'. Run 95' of 13-3/8" Casing Sm.H-48#. Cemented with 125 Bg. Cement & 20Bg. Calcium Chloride, 14.5# per gal., no return of cement at surface. Bottom of 13" Casing beveled. Drilled 12 1/4" Hole to 1117', Run 1095' of 8-5/8" Casing Sm. J-24# & set on a Float Shoe @ 1084'. Cemented with 650 Bg. Cement, 21 Bg. Aquagel & 2 Bg. Hydrotan, 14.5# per gal., Good return of cement at surface. Drilled 7-7/8" Hole to 2127' & run 2138' of 5-1/2" Casing Sm. J-17# set on a Float Shoe @ 2121'. Cemented with 550 Bg. Cement & 2 Bg. Hydrotan, 14.3# per gal. Good return of cement at surface. 4-3/4" Hole drilled to total depth of 2244'.</p>		
			2076 1327 749				

