



COAL OWNED BY _____
 REDUNDANT
 NEW LOCATION.....
 DRILL DEEPER.....
 ABANDONMENT.....

0-25-10

COMPANY THE MANUFACTURERS LIGHT & HEAT CO.
 ADDRESS 800 UNION TRUST BLDG. PCH. PA.
 FARM MAY ELDER
 TRACT _____ ACRES 300 LEASE No. 19447
 WELL (FARM) No. 4 SERIAL No. 4528
 ELEVATION (SPIRIT LEVEL) 1331.16'
 QUADRANGLE CAMERON - NE
 COUNTY MARSHALL DISTRICT WEBSTER
 ENGINEER A. C. Treator M.
 ENGINEER'S REGISTRATION No. 9442
 FILE No. _____ DRAWING No. Y-15-90A
 DATE 25 FEB. 1959 SCALE 1" = 800'

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

WELL LOCATION MAP

FILE No. MAPS-345-R
 (Storage)

+ 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.

9-0 22



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle CANERON

Permit No. MARS-345-REDRILL

WELL RECORD

Oil or Gas Well GAS Storage
(KIND)

Company The Manufacturers Light and Heat Co.
Address 800 Union Trust Bldg., Pittsburgh 19, Pa.
Farm May Elder Acres 300
Location (waters) _____
Well No. L-4528 Elev. 1331.16
District Webster County Marshall
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced March 19, 1959
Drilling completed March 26, 1961
Date Shot 3/23/61 From Big Injun Sand
With Pitot Tube
Open Flow 20 /10ths Water in _____ 4 Inch
_____ /10ths Merc. in _____ Inch
Volume 2,840,000 Cu. Ft.
Rock Pressure 460 lbs. 72 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			Kind of Packer
16			
13 3/8"	61'3"	61'3"	
10 3/4"	812'10"	812'10"	Size of
8 5/8"	1354'1"	1354'1"	
6"			Depth set
1 5/8" 7"	1574'	1574'	
1 1/2"	2022'	2022'	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

COAL WAS ENCOUNTERED AT 788 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		THICKNESS 6	788	794			
✓ Gas Sand		63	1420	1483			
✓ 1st. Salt Sand		69	1508	1577			
✓ 2nd. Salt Sand		21	1588	1609			
✓ 3rd. Salt Sand		143	1700	1843			
✓ Top of Big Injun		10	1880	1890	Pays determined from Schlumberger Surveys 1st. Pay 1935'-1942' 2nd. Pay 1952'-1958' 3rd. Pay 1960'-1992' 4th. Pay 1994'-2002'		
Break		32	1890	1922			
✓ Big Injun			1922				
Redrilled to a depth of 2022'							
TOTAL DEPTH				2022			

1331
758
4528

