



COAL OWNED BY _____

NEW LOCATION FOR STORAGE

DRILL DEEPER

ABANDONMENT

0-25-28

COMPANY THE MANUFACTURERS LIGHT & HEAT CO

ADDRESS 800 UNION TRUST BLDG. PGH. PA.

FARM O. RICHMOND

TRACT _____ ACRES 227 LEASE NO. 26438

WELL (FARM) NO. 3 SERIAL NO. 4711

ELEVATION (SPIRIT LEVEL) 773.2'

QUADRANGLE CAMERON SC

COUNTY MARSHALL DISTRICT LIBERTY

ENGINEER Robert M. Hail

ENGINEER'S REGISTRATION NO. 361-E (N.F.)

FILE NO. _____ DRAWING NO. Y-25-519

DATE 16 APR. 62 SCALE 1" = 800'

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

WELL LOCATION MAP
FILE NO. MARS-444

+ 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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Cameron

Permit No. MARS-444

WELL RECORD

STORAGE GAS
Oil or Gas Well GAS
(KIND)

Company The Mfrs. Lt. and Ht. Co.
Address 800 Union Trust Bldg., Pittsburgh 19, Pa.
Farm Desmond Richmond Acres 227
Location (waters) _____
Well No. 4711 Elev. 773'
District Liberty County Marshall
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced June 8, 1962
Drilling completed July 20, 1962
Date Shot 7/20/62 From Big Injun To 1758'
With Pitot Tube
Open Flow /10ths Water in _____ Inch
18 PSIG ~~100%~~ Merc. in 4 1/2 Inch
Volume 11,730,000 Cu. Ft.
Rock Pressure 670 lbs. 48 hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet
Salt water _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13 3/8"	93'	93'	
10			Size of
8 5/8"	487'	487'	
6 1/2"			Depth set
5 1/2"	1566'	1566'	
8			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 448 FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hardness Scale THICKNESS	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
✓Pittsburgh Coal		7	448	455	No Gas		
✓Murphy Sand		20	558	578			
✓Big Dunkard		33	1000	1033			
✓1st Salt Sand		11	1173	1184			
✓2nd Salt Sand		21	1255	1276			
✓3rd Salt Sand		8	1347	1355			
✓Maxton Sand		17	1456	1473			
✓Lower Maxton		7	1524	1531			
✓Big Lime		41	1533	1574			
✓Big Injun Sand			1580				
Total Depth				1758'			
Set 5 1/2" Casing @			1568'				

