



COAL OWNED BY REDRILL FOR STORAGE

NEW LOCATION.....

DRILL DEEPER.....

ABANDONMENT.....

COMPANY THE MANUFACTURERS LIGHT & HEAT

ADDRESS 800 UNION TRUST BLDG. PGH. PA.

FARM HAROLD KOONTZ

TRACT _____ ACRES 160 LEASE NO. 19A06

WELL (FARM) No. 4 SERIAL NO. 4445

ELEVATION (SPIRIT LEVEL) 1203.10'

QUADRANGLE CAMERON - NE

COUNTY MARSHALL DISTRICT WEBSTER

ENGINEER A. Streaton M.

ENGINEER'S REGISTRATION No. 9AAZ

FILE No. _____ DRAWING No. Y-15-536

DATE 1 MAR. 1957 SCALE 1" = 800'

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

WELL LOCATION MAP

FILE No. MARS-305-REDRILL

+ 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-305-R

WELL RECORD

Oil or Gas Well GAS
(KIND)

Company The Manufacturers Light and Heat Company
Address 800 Union Trust Building, Pgh. 19, Pa.
Farm Harold Koontz Acres 160
Location (waters) _____
Well No. 4445 Elev. 1203.10'
District Webster County Marshall
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced March 6, 1957
Drilling completed March 28, 1958
Date Shot _____ From _____ To _____
With _____
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure 705 lbs. 72 hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet
Salt water _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13"	71'4"	71'4"	
10"	705'	705'	Size of
8 1/2"	1257'	1257'	
8 1/2 x 7" 17	1743'	1743'	Depth set
5 3/16			
8			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED SIZE No. Ft. Date

COAL WAS ENCOUNTERED AT FEET INCHES

FEET INCHES FEET INCHES

FEET INCHES FEET INCHES

Formation	Color	Harder or THICKNESS	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
SCHLUMBERGER	GAMMA RAY	SURVEY					
Pittsburgh Coal		44	672	676	Abandoned Well		Reconditioned on
Lime		5	704	709	Work Roder 1753-L-1464-5		Elevation - 1203.10 (Ground Level)
Gas Sand		71	1314	1385	Depth Datum - derrick floor 2' above ground level.		13 3/8" (48#, H-40) Cas. Pt. - 71'4"
Sand		22	1498	1520			cemented with 75 bags 3/29/57
3rd. Salt Sand		52	1592	1644			10 3/4" (32.75#, H-40) Cas. Pt. - 705'
Maxton Sand		56	1674	1730			cemented with 255 bags 6/11/57
Big Injun			1773				
Zone of Invasion			1842	1878	Little gas - 1850' (Temperature Survey)		
Total Depth				1985	Gas - 1863' (Temperature Survey)		
			1773				8 5/8" (24#, J-55) Cas. Pt. 1257' cemented with 300 bags 9/6/57
			1203				7" (17#, H-40) Cas. Pt. - 1743' Cemented with 175 bags 3/10/58
			570				Original 7" Shoulder - 1836' (Sect. Gauge)
					Well makes 5 gal. og oil and water/hr. with well open to atmosphere.		

