

COAL OWNED BY _____

- NEW LOCATION
- DRILL DEEPER
- ABANDONMENT

FEB 11 1962

S.O.W.
9.72

0-25-26

COMPANY THE MANUFACTURERS LIGHT & HEAT

ADDRESS 800 UNION TRUST BLDG. PGH. PA

FARM J. SHUTTLER

TRACT _____ ACRES 520 LEASE NO. 2882

WELL (FARM) NO. 3 SERIAL NO. 1279

ELEVATION (SPIRIT LEVEL) 1307.9'

QUADRANGLE CAMERON

COUNTY MARSHALL DISTRICT MEADE

ENGINEER Robert M. Heil

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

FILE NO. _____ DRAWING NO. Y-25-486

DATE 26 JAN. 62 SCALE 1" = 800'

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

WELL LOCATION MAP

FILE NO. MARS-441-A

+ 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.

JOSEPH SHUTTLER 1279 (1279)

M.L. & H., Co -

MARS-AA1-A



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Oil or Gas Well GAS
(KIND)

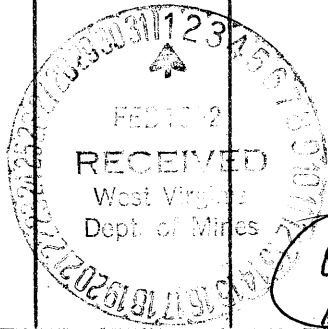
Quadrangle Mars-49A
Permit No. Mars-49A

Company The Manufacturers Lt. and Rt. Co.
Address 800 Union Trust Bldg., Pittsburgh 19, Pa.
Farm Joseph Shutler Acres 520
Location (waters) (3)
Well No. L-1279 Elev. -
District Meade County Marshall
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced June 18, 1904
Drilling completed August 7, 1904
Date Shot - From - To -
With -
Open Flow - /10ths Water in - Inch
- /10ths Merc. in - Inch
Volume - Cu. Ft.
Rock Pressure 480 lbs. 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			
10	1245	1245	Size of <u>3 x 6 1/4</u>
8 1/4	1510	-	
6 3/8	2240	2240	Depth set <u>2669'</u>
5 3/16			
4		2930	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 530 FEET INCHES
830 FEET INCHES 920 FEET INCHES
FEET INCHES FEET INCHES

Formation	Color	Thickness	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Native Coal			530				
Mapletown Coal		7	830	837			
Pittsburgh Coal		5	920	925			
Little Dunkard Sand		20	1250	1270			
Big Dunkard Sand		15	1420	1435			
Gas Sand		30	1500	1530			
Salt Sand 1st		40	1650	1690			
Salt Sand 2nd		60	1880	1740			
Big Lime		45	1960	2005			
Big Injun Sand		270	2005	2275			
Hard & sandy,		40	2420	2460			
Berea grit		15	2615	2630			
Red Rock			2720				
Gordon Sand and gas		10	2910	2920			
Completed at				2930			
6/9/14 drilled to				2941	got 2nd pay		
4/28/15	well drilled from 2930 to 2980 - retubed with 2" tubing. packed with Dresser Anchor Packer set 17 joints from bottom of hole.						
			Pressure as follows:				
line		1 min	2 min.	3 min	4 min	5 min	Rock
40#		53#	62#	70#	74#	76#	100#



49A

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

Date January 30, 1962

APPROVED The Manufacturers Lt. and Mt. Co., Owner

By Walter A. Perin
Land Agent (Title)