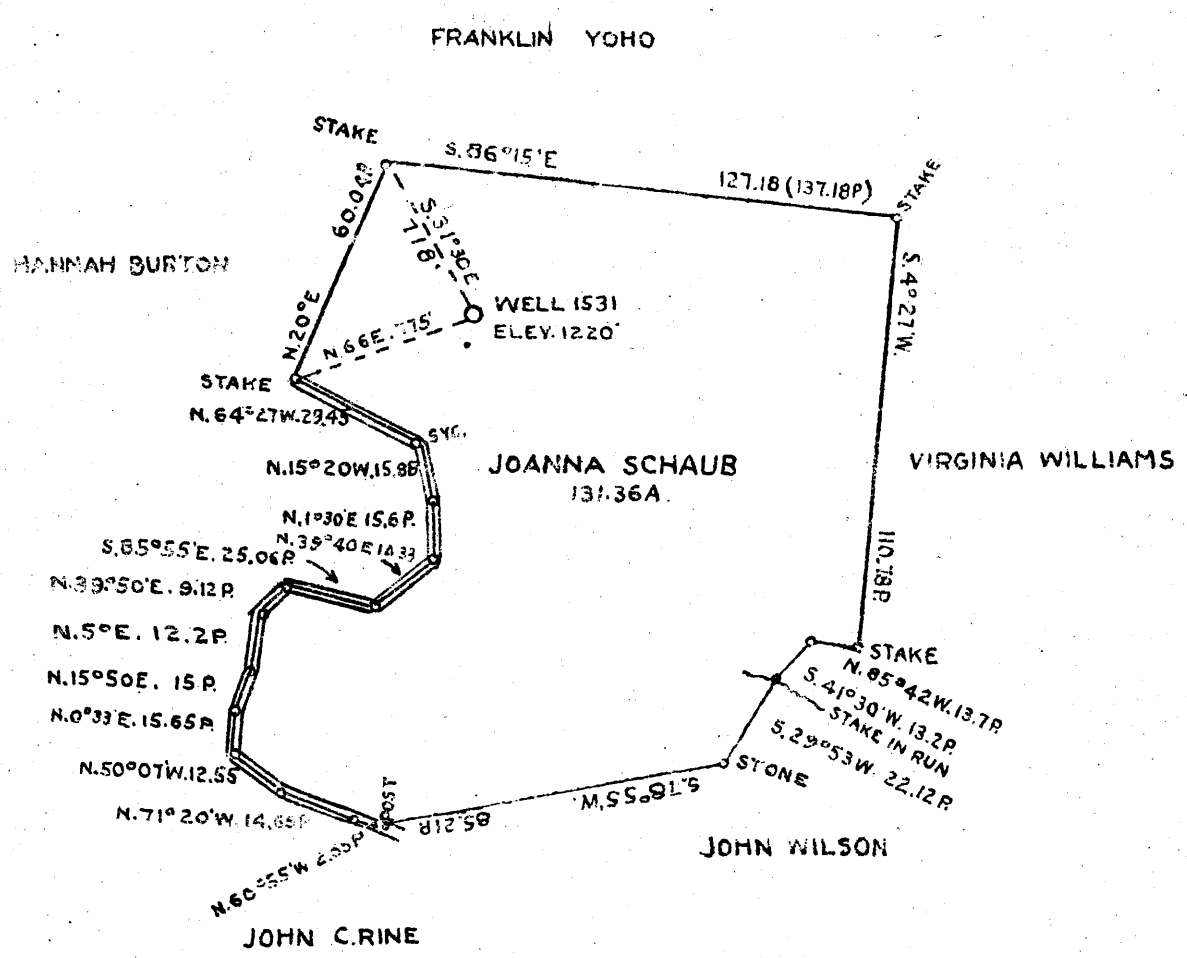


1
2
3



COAL OWNED BY STATE OF WEST VIRGINIA

- New Location...
- Drill Deeper...
- Abandonment...

W 112 W
no d

1.965
2.10W

Company **THE MANUFACTURERS LIGHT AND HEAT CO.** *NDV - 4 1940*
 Address **800 UNION TRUST BLDG. PITTSBURGH PA.**
 Farm **JOANNA SCHAUB**
 Tract Acres **131.36A.** Lease No. **3599**
 Well (Farm) No. **1** Serial No. **1531**
 Elevation (Spirit Level) **1220'**
 Quadrangle **CLARINGTON S.E. 1/4**
 County **MARSHALL** District **FRANKLIN**
 Engineer *J. J. ...*
 Engineer's Registration No. _____
 File No. _____ Drawing No. **Y-8-91B**
 Date **OCTOBER - 22 - 1940** Scale **1" = 800'**

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

WELL LOCATION MAP
 File No. **MARS-144A**

- 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.

(SE)

WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS DIVISION

190

Ab 144A

WELL RECORD

Permit No. Well drilled in 1912

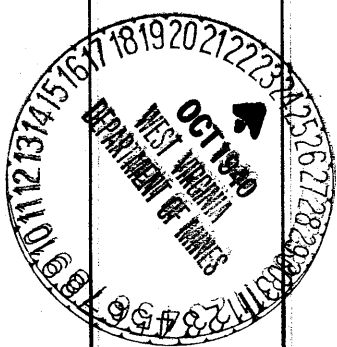
Oil or Gas Well (Kind) Gas

Company **The Manufacturers Light & Heat Co.,**
 Address **800 Union Trust Bldg., Pittsburgh, Pa.**
 Farm **Josanna Schaub** Acres **11.0**
 Location (waters) _____
 Well No. **1 - 1531** Elev. **1820'**
 District **Franklin** County **Marshall**
 The surface of tract is owned in fee by **J. W. Walkman Est.**
1/2 Mercantile B & T Co Address **Moundsville, W.Va.**
 Mineral rights are owned by **The Mfrs. Light & Heat Co**
800 Union Trust Bldg. Address **Pittsburgh, Pa.**
 Drilling commenced **Aug. 22, 1912**
 Drilling completed **Nov. 6, 1912**
 Date shot _____ Depth of shot _____
 Open Flow /10ths Water in _____ Inch
 /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock Pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

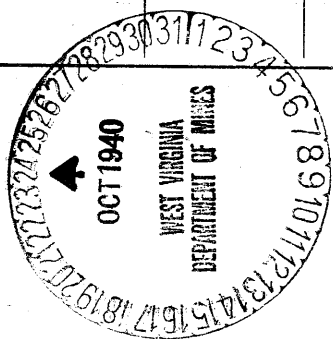
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10	820	820	Size of
8 1/4	1320	1320	
6 5/8			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED SIZE _____ No. FT. _____ Date _____
 COAL WAS ENCOUNTERED AT **735** FEET **18** INCHES
809 FEET **72** INCHES **125** FEET **24** INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Conductor			0	16			
Red Rock			16	150			
Slate & Lime			150	125			
Native Coal			125	127			
Lime & Slate			127	735			
Mapletown Coal			735	739			
Lime			739	799			
Slate			799	809			
Pittsburgh Coal			809	815			
Slate			815	830			
Red Rock			830	1125			
Little Dunkard			1125	1115			
Red Rock			1115	1320			
Big Dunkard			1320	1375			
Slate			1375	1505			
Salt Sand			1505	1650			
Break			1650	1750			
Salt Sand			1750	1835			
Total depth				1835			Little gas at 1762 Second Pay at 1811 and increased till drilling stopped at 1835



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



Date **October 23rd,** 19 **40**

APPROVED **THE MANUFACTURERS LIGHT & HEAT CO**, Owner

By *Harry H. Fowler*
Land Dept. (Title) **Office Manager**