

COAL OWNED BY Charles Stevens - Middlebourne W. Va.

NEW LOCATION...
 DRILL DEEPER...
 ABANDONMENT...

*5075
W 324*

COMPANY THE MANUFACTURERS LIGHT AND HEAT CO.
 ADDRESS 800 UNION TRUST BLDG. PITTSBURGH-30-PA
 FARM JOHN B. STEVENS NOW CHARLES STEVENS
 TRACT #1 ACRES 58 1/2 LEASE NO. 3413
 WELL (FARM) NO. 1 SERIAL NO. 1970
 ELEVATION (SPIRIT LEVEL) 905'
 QUADRANGLE WEST UNION
 COUNTY TYLER DISTRICT ELLSWORTH
 ENGINEER *J. M. ...*
 ENGINEER'S REGISTRATION NO. _____
 FILE NO. _____ DRAWING NO. Y-13-343
 DATE DEC. 16 - 49 SCALE 1" = 800'

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

WELL LOCATION MAP

FILE NO. JYL-604-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.

824A

Ellsworth District, Tyler County, W. Va.

Manufacturers Light & Heat Co.

Elevation, 935'.

Gas well.

10" casing, 116'; 8", 1099'; 6-5/8", 1857'.

On Muddy Creek.

Shown on 7-A, West Union Quadrangle.

	Top.	Bottom.
Pittsburgh Coal	606	- 607
Big Dunkard Sand	1080	- 1185
Gas Sand	1280	- 1323
Salt Sand	1361	- 1425
Salt Sand	1435	- 1566
Maxton Sand	1722	- 1749
Blue Monday Sand	1781	- 1786
Little Lime	1790	- 1803
Pencil Cave	1803?	- 1817
Big Lime	1817?	- 1896
Big Injun Sand	1896?	- 2092
(Gas, 1963-1968')		
(Oil and water, 1968-1973')		
Gantz Sand	2185	- 2340
Red rock	2558	- 2564
Slate and shale	2564	- 2636
Stray Sand	2636	- 2668
Gordon Sand (gas, 2686-2691')	2681	- 2691
Slate, to bottom	2691	- 2706

DEEPENED Aug. 11, 1923, to total depth of 2781



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

563

WELL RECORD

Permit No. TYL-604-A

Oil or Gas Well
(KIND)

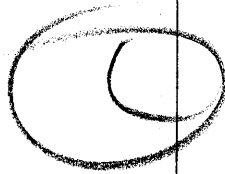
Company The Manufacturers Light & Heat Company
Address 800 Union Trust Bldg., Pittsburgh, Pa.
Farm JOHN STEVENS Acres 58.50
Location (waters) _____
Well No. 1970 Elev. _____
District Ellsworth County Tyler
The surface of tract is owned in fee by Charles H. Stevens
Middlebourne, W. Va. Address _____
Mineral rights are owned by The Manufacturers Light & Heat Co.
800 Union Trust Bldg. Address Pgh., Pa.
Drilling commenced July 18, 1916
Drilling completed September 13, 1916
Date Shot _____ From _____ To _____
With _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10	116	116	Size of
8 1/4	1099-9	1099-9	
6	1857-9	1857-9	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

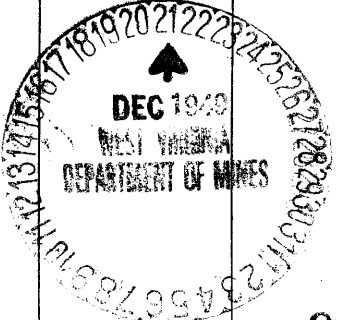
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water _____ feet _____ feet

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 606 FEET 12 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			606	607			
Big Dunkard			1080	1185			
Gas Sand			1280	1323			
Salt Sand			1361	1425			
Salt Sand			1435	1566			
Maxon Sand			1722	1749			
Blue Monday			1781	1786			
Little Lime			1790	1803			
Pencil Cave			1803	1817			
Big Lime			1817	1896			
Big Injun			1896	2092			
Gants Sand			2185	2340			
Stray Sand			2636	2668			
Gordon Sand			2681	2691			
Total Depth				2706			



Gas 1963-1968 Oil & Water 1968-1973
Steel Lins 1993-2691
Gas 2686-2691 1.2" water in 2 inch



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

Date DECEMBER 19, 1949

APPROVED THE MANUFACTURERS LIGHT & HEAT CO., Owner

By Paul Cooper LAND AGENT.

(Title)