

JAMES STEWART NO. 4403 WELL.
(M. A. WALTON).

Liberty District, Marshall County, W. Va.

By The Manufacturers Light & Heat Co., 800 Union Trust Bldg., Pittsburgh, Pa.

Abandoned under permit Mars-.....-A? quadrangle. No plat.

Formerly Carnegie Natural Gas Co. well (M. A. Walton).

On 140 acres.

Elevation, L.

Drilling commenced Sept. 5, 1916; completed Oct. 12, 1916.

Rock pressure, 530 lbs.

10" casing, 288' (1916); 6 3/4", 1788' (1916); 5", 2060' (1936);

3" tubing, 1936).

Anchor packer, 6 3/8 x 5 3/8 set at 1927'; 5" x 3", set at 2740'.

Gas well. Record to Dept. of Mines dated March 22, 1957.

Record to RCT from Mrs. Griffith June 20, 1957. Old File No. 437.

	Top.	Bottom.
Pittsburgh Coal	793	- 799
Little Dunkard Sand	1161	- 1184
Big Dunkard Sand	1284	- 1312
Gas Sand	1377	- 1392
1st Salt Sand	1440	- 1481
2nd Salt Sand (show gas, 1770-75')	1689	- 1780
Maxton Sand (oil and gas, 1841-48')	1800	- 1852
Pencil Cave	1906	- 1911
Big Lime	1911	- 1932
Big Injun Sand (gas, 1936-49'; 880 MCF) (gas, 1952-64')	1932	- 2195
Fifty-foot Sand	2335	- 2375
Thirty-foot Sand	2538	- 2556
Gordon Stray Sand	2738	- 2748
Gordon Sand (gas, 2799-2799'; 370 MCF)	2793	- 2804
Total depth		2807



437

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle _____

WELL RECORD

Permit No. 380-A *w/plot*

Oil or Gas Well Gas
(KIND)

Company **THE MANUFACTURERS LIGHT AND HEAT COMPANY**
 Address **800 UNION TRUST BUILDING, PITTSBURGH, PA.**
 (formerly Carnegie Gas Company)
 Farm **James Stewart** M. A. Walton Acres **140**
 Location (waters) _____
 Well No. **4403** Elev. _____
 District **Liberty** County **Marshall**
 The surface of tract is owned in fee by _____
 Address _____
 Mineral rights are owned by _____
 Address _____
 Drilling commenced **September 5, 1916**
 Drilling completed **October 12, 1916**
 Date Shot _____ From _____ To _____
 With _____
 Open Flow _____ /10ths Water in _____ Inch
 _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock Pressure **530** 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			Kind of Packer
16			Anchor
13			Size of 6 5/8x5 3/16
10	288	(1916)	5 3/16x 3"
8 1/4			Depth set 1927
6 5/8	1788	(1916)	2740
5 3/16	2060	(1936)	
3	2807	(1936)	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	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Pittsburgh Coal			793	799			
Little Dunkard			1161	1184		Show gas 1770-1775	
Big Dunkard			1284	1312		Oil and Gas 1841-1848	
As Sand			1377	1392			
Hot Salt			1440	1481			
Red Salt			1689	1780			
Clinton			1800	1852			
Concil Cave			1906	1911			
Big Line			1911	1932			
Big Injun			1932	2195		Gas 1936-49 ---880 MCF	
			2335	2375		1962-64	
Forty foot			2538	2556			
Forty foot			2738	2748			
London Stray			2793	2804	Gas 2795-2799	370 MCF	
London				2807			



(Over)

JUN 20 1957

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

Date March 22, 1957

APPROVED THE MANUFACTURERS LIGHT AND HEAT CO. Owner

By Walter A. Penner
(Title) Land Agent