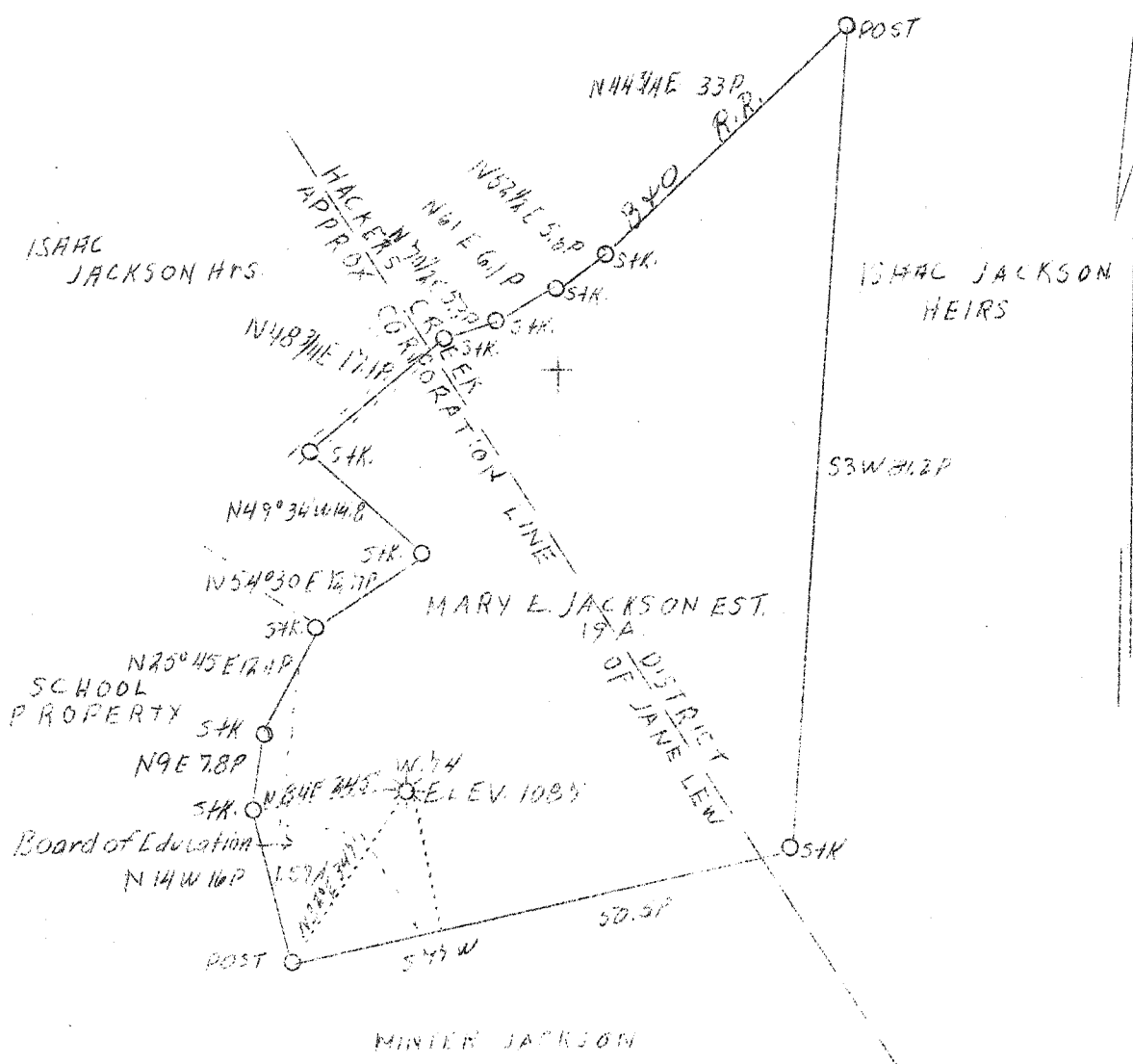


LATITUDE 39°10'

*E. 60 S
3.97 W*

LONGITUDE 80°20'



*W- 4.
S- 3.64*

Coal owned by J.G. Jackson

Well A.B.D.

Company	Cumberland & Allegheny Gas Co.	STATE OF WEST VIRGINIA
Address	800 Union Tr. Bldg., Pgh., Pa.	Department of Mines
Farm	Mary E. Jackson Est.	OIL & GAS DIVISION
Acres	19	Charleston
Lease No.	276	
Well (Farm) No.	One	
Serial No.	74	
Elevation (SL)	1087	
Quadrangle	Weston S. W. 1/4	
County	Lewis	
District	Hackers Creek	
Engineer	J. C. Mercer	
Eng. Reg. No.	-	
Date	Jan. 10, 1939	
Scale	1" = 300'	

WELL LOCATION MAP

File No. *Lew-166-A*

x Denotes location of well on U. S. 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.

Hackers Creek District, Lewis County, W. Va. 1668
 By Cumberland & Allegheny Gas Co., 800 Union Trust Bldg.,
 Pittsburgh, Pa.

On 18 acres.

Elevation, 1087' L.

Surface owned by L. D. Boston, Box 20, Fairmont, W. Va., and minerals
 by Manufacturers Light & Heat Co., Pittsburgh, Pa.

Drilling commenced Oct. 28, 1912; completed, Dec. 18, 1912.

8 1/2" casing, 904' (pulled); 6 3/8", 1395'.

Coal was encountered at 190-193 and 470-473'.

Larkin Packer, 6 3/8 x 3, set at 2057'.

Gas well. Abandonment reported to Dept. of Mines Jan. 11, 1939.

Record to RCT from Mrs. Griffith March 6, 1939.

	Top.	Bottom.
Slate and shells	0	- 190
Coal	190	- 193
Slate and shells	193	- 215
Little Dunkard Sand	215	- 340
Big Dunkard Sand	390	- 470
Coal	470	- 473
Slate and red rock	473	- 540
1st Salt Sand	540	- 705
Slate	705	- 730
2nd Salt Sand	730	- 795
Slate and red rock (No Maxton Sand; No Pencil Cave Sand; No break between Little and Big Lime)	795	- 1275
Big Lime	1275	- 1345
Big Injun Sand	1345	- 1463
Slate and shells	1463	- 1577
Gantz Sand	1577	- 1600
Slate	1600	- 1737
Fifty-foot Sand	1737	- 1793
Slate	1793	- 1827
30-Ft. Sand	1827	- 1850
Slate and shells	1850	- 1984
Gordon Stray Sand (Gordon and Gordon Stray Sands ran together; 200,000 cu. ft. of gas at 2030')	1984	- 2090
Slate and shells	2090	- 2160
Fifth Sand (gas at 2162-2170')	2160	- 2170
Slate	2170	- 2182
Total depth		2182

WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

259

AP 165A

Permit No. _____ Oil or Gas Well _____
(Kind)

Company Cumberland and Allegheny Gas Co.
 Address 800 Union Trust Bldg, Pittsburgh, Pa.
 Farm E. B. Jackson, et al Acres 18
 Location (waters) (Morg. - State) [Signature]
 Well No. 2 - 74 Elev. 1087'
 District Hackers Creek County Lewis
 The surface of tract is owned in fee by L. D. Boston,
P. O. Box 20 Address Fairmont, W. Va.
 Mineral rights are owned by Cumberland & Allegheny
Gas Company Address Pittsburgh, Pa.
 Drilling commenced Oct. 28, 1912
 Drilling completed Dec. 18, 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			<u>Larkin</u>
10			Size of
8 1/4	<u>904</u>		<u>6 5/8 x 3</u>
6 5/8	<u>1395</u>	<u>1395</u>	Depth set
5 3/16			<u>2057</u>
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
 COAL WAS ENCOUNTERED AT 190 FEET 36 INCHES
470 FEET 36 INCHES FEET INCHES
 FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Slate & Shells			0	190			
Coal			190	193			
Slate & Shells			193	215			
Little Dunkard			215	310			
Big Dunkard			390	470			
Coal			470	473			
Slate & Red Rock			473	540			
1st Salt Sand			540	705			
Slate			705	730			
2nd Salt Sand			730	795			
Slate & Red Rock			795	1275	No Maxon Sand		
Big Lime			1275	1345	No Pencil Cave Sand.		
Big Injun			1345	1463	No break between Little and Big Line		
Slate & Shells			1463	1577			
Gantz			1577	1600			
Slate			1600	1737			
Fifty Foot			1737	1793			
Slate			1793	1827			
30-Foot			1827	1850			
Slate & Shells			1850	1984			
Gordon Stray			1984	2090	Gordon & Gordon Stray ran together		
Slate & Shells			2090	2160	200,000 cu. ft. of gas at 2030		
Fifth Sand			2160	2170	Gas at 2162-2170		
Slate			2170	2182			
Total depth				2182			

