



New Location   
 Drill Deeper   
 Abandonment

Company PITTSBURGH & W.V.A. GAS CO.  
 Address CLARKSBURG, W.V.A.  
 Farm A.P. LEWIS  
 Tract \_\_\_\_\_ Acres 75 Lease No. 10974  
 Well (Farm) No. CNE Serial No. 4216  
 Elevation (Spirit Level) 1082' V.A.  
 Quadrangle WEST UNION S.W. 22-4  
 County TYLER District CENTERVILLE  
 Engineer Kenneth B. Moore  
 Approved By [Signature]  
 Engineer's Registration No. 764  
 File No. V160 P.5 Drawing No. \_\_\_\_\_  
 Date AUG. 16, 1948 Scale 1"=500'

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

**WELL LOCATION MAP**  
 FILE NO. JYL-507-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.

A.P. LEWIS no. 1 (A216) - PGH. & W.V.A. GAS CO. - JYL-507-A



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STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL RECORD

Oil or Gas Well "GAS"  
(KIND)

Permit No. \_\_\_\_\_

Company Pittsburgh & West Va Gas Company.  
 Address Clarksburg, West Va.  
 Farm A. P. Lewis Acres 75  
 Location (waters) West Union S/W. 2-2-2-2  
 Well No. 4216 Elev. 1082' VA  
 District Centerville County Tyler  
 The surface of tract is owned in fee by Arch Bond  
R.D.1 Address Hole Hill, West Va.  
 Mineral rights are owned by Pateth McConnell et al.  
 Address West Union, W. Va.  
 Drilling commenced September 18th, 1913  
 Drilling completed October 17th, 1913  
 Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
 With \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	<u>480'</u>	<u>480'</u>	Size of
8 1/4	<u>1127'</u>	<u>1127'</u>	
6 5/8	<u>1935'</u>	<u>1935'</u>	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 700 FEET 24 INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Red Rock	Red	Soft	0	30			
Sand	White	Hard	30	150			
Red Rock	Red	Soft	150	200			
Slate	White	"	200	270			
Sand	"	Hard	270	285			
Red Rock		Soft	285	340			
Sand	White	Hard	340	360			
Slate	"	Soft	360	375			
Red Rock		"	375	415			
Sand	White	Hard	415	440			
Slate	"	Soft	440	460			
Red Rock			460	475			
Slate	White		475	535			
Sand	"	Hard	535	600	Water	590'	
Slate	"	Soft	600	700			
Coal			700	702			
Lime	Black	Hard	702	720			
Slate	White	Soft	720	820			
Sand	"	Hard	820	835			
Slate	"	Soft	835	940			
L. Dunkard	"	Hard	940	955			
Slate	"	Soft	955	1050			
Big Dunkard	"	Hard	1050	1080			
Slate	Black	Soft	1080	1115			
Slate	White	"	1115	1190			
Gas Sand	"	Hard	1190	1240			
Slate	"	Soft	1240	1305			
Sand	"	Hard	1305	1340			
Slate	"	Soft	1340	1375			
Sand	"	Hard	1375	1400			
Slate	"	Soft	1400	1460			
1st. Salt Sand	"	Hard	1460	1565			
Slate	Black	Soft	1565	1690			
2nd. Salt Sand	White	Hard	1690	1730			
Slate	Black	Soft	1730	1855			
Maxon Sand			1855	1865	Water	1865'	
Sand	White	Hard	1865	1875			
Slate	Black	Soft	1875	1877			
Little Lime	White	Hard	1877	1910			

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate	White	Soft	1910	1920			
Big Lime	"	Hard	1920	1980			
Big Injun	"	"	1980	2105	Gas	2025'	
Slate			2105	2175	Gas	2060'	
Total Depth.....				2175			

February 12, 1947

Date \_\_\_\_\_, 19\_\_

APPROVED *W. C. Masters* Owner  
 W. C. Masters  
 By \_\_\_\_\_ (Title)



FIRST PRESSURE TEST IN 6 5/8" CASING

REMARKS

30 Sec.	0	lbs.	20	Oct 20-1913
1 Min.	5	"	25	Well shot with 40 gals.
2 "	10 <sup>10/20</sup>	"	35 <sup>40/60</sup>	
5 "	25	"	60	Sept. 20-1915
10 "	50	"	100	Shot with 60 gals in
15 "	75	"	135	Big Injury.
20 "	90	"	180	Bot. of shell 2065
30 "	90	"	180	May 24-1917. Shot with
Rock Pressure	655	" in	36 lbs.	20 gals. Bot of shell 2060
Taken	Oct 17		1913	Cap! 196 250 Cu. ft.
By	Mayhall			

WELL TUBED AND PACKED June 6 1917

VIZ: Used 102 gals. 2105 ft. 2" Tubing RECLAIMED Nov. 1942  
 1-6 5/8 x 2" H. W. Jacker

7 gals. 114 ft. 2" Tubing Anchor

1/2	1	2	3	4	5	10	15	20	30
3	5	10	15	20	22	28	34	70	95

FIRST PRESSURE TEST IN 3" TUBING

REMARKS

30 Sec.	20	lbs.		Aug 31-1915
1 Min.	30	"		Need 82 gals. 1623 ft. 2" Tubing
2 "	45	"		21 gals. 424 ft. 3" Tubing
5 "	100	"		1-6 5/8 x 3" Wood Wall Jacker
10 "	165	"		7 gals. 115 ft. 3" Anchor
15 "	240	"		14 gals. 311 ft. Above Anchor
30 "	320	"	1/2 1 2 3	4 5 10 15 20 30 60
Rock Pressure	625	" in	36 lbs. 5 15 25 35	45 52 62 75 150 205 320
Taken	Oct 25		1913	8/10 2" G.P.
By				562"

MATERIAL FOR THIS WELL RECEIVED FROM FOLLOWING SOURCES:

Well # 4016 A. P. Lewis

NAME	TOP	BOTTOM	OIL	GAS	WATER	REMARKS
Red Rock		30				
Sand	30	130				
Red Rock	130	200				
Slate	200	270				
Sand	270	285				
Red Rock	285	340				
Sand	340	360				
Slate	360	375				
Red Rock	375	415				
Sand	415	440				
Slate	440	460				
Red Rock	460	475				
Slate	475	535				
Sand	535	600			570	
Slate	600	700				
Coal	700	702				
Shine	702	720				
Slate	720	820				
Sand	820	835				
Slate	835	940				
Little Oumard	940	955				
Slate	955	1050				
Big Oumard	1050	1080				
Slate	1080	1115				
Slate	1115	1190				
Gas Sand	1190	1240				
Slate	1240	1305				
Sand	1305	1340				
Slate	1340	1375				
Sand	1375	1400				
Slate	1400	1460				
wt. ball sand	1460	1565				
Slate	1565	1690				
2nd ball sand	1690	1730				
Slate	1730	1835				
Heavy sand	1835	1865				
Sand	1865	1875			1865	
Slate	1875	1877				
Little Shine	1877	1910				
Slate	1910	1920				
Big Shine	1920	1980				
Big Shine	1980	2105		2025-2060		
Total Depth	2175					