



See new plot
2153 W
2118 Q
 JUN - 1 1944

New Location
 Drill Deeper
 Abandonment

Company PITTSBURGH & W.V.A. GAS CO.
 Address CLARKSBURG W.V.A.
 Farm A.H. LAMM.
 Tract _____ Acres 100 Lease No. 6091
 Well (Farm) No. Two Serial No. 4567
 Elevation (Spirit Level) 808'
 Quadrangle HOLBROOK N.W. 12 *(NW)*
 County RITCHIE District CLAY
 Engineer Paul W. Manning
 Engineer's Registration No. _____
 No. V-58-A-1 Drawing No. _____

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

WELL LOCATION MAP
 FILE NO. RT-524A

+ 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 and each corner on corner of section shown.

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

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WELL RECORD

Permit No. 524-A

Oil or Gas Well **Gas**
(Kind)

Company **Pittsburgh & West Va. Gas Company.**
 Address **Clarksburg, West Va.**
 Farm **A. H. Lamm** Acres **100**
 Location (waters) **Holloway 1/2, 1-C**
 Well No. **4567** Elev. **800'**
 District **Clay** County **Putnam**
 The surface of tract is owned in fee by **V. W. Lamm**
 Address **Pennsboro, W. Va.,**
 Mineral rights are owned by **L. C. Lamm-Atty-in-fact.**
 Address **Pennsboro, W. Va.**
 Drilling commenced **May 19th, 1917**
 Drilling completed **June 2nd, 1917**
 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	274'	274'	Size of
8 1/4	993'	993'	
6 5/8	1630'	1630'	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 **40** 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
Clay		Soft	0	12			
Sand	White	Hard	12	120	Water	30'	
Slate	Light	Soft	120	130	Water	40'	
Red Rock	Red	.	130	135			
Shale	White	Hard	135	210			
Red Rock	Red	Soft	210	230			
Slate	White	.	230	270			
Red Rock	Red	.	270	300			
Shale	White	Medium	300	360			
Red Rock	Red	Soft	360	370			
Shale/shells	White	.	370	460			
Yell. Coal	Black	.	460	462			
Shale	White	Hard	462	482			
Slate	.	Soft	482	492			
Red Rock	Red	.	492	730			
Sand	White	Hard	730	760			
Red Rock	Red	Soft	760	762			
Slate	Black	.	762	772			
White Sandstone	White	Hard	772	820			
Shale/shells	.	Soft	820	830			
Red Rock	Red	.	830	890			
Sand	White	Hard	890	910			
Slate	.	Soft	910	920			
Yell. Sand	.	Hard	920	1020			
Slate	.	Soft	1020	1120			
Yell. Salt Sand	.	.	1120	1170			
Slate	Dark	Hard/Soft	1170	1175			
Sand	White	Hard	1175	1227			
Slate	Black	Soft	1227	1228			
Yell. Salt Sand	White	Hard	1228	1228			
Slate	Dark	Shaly	1228	1230			
Yell. Sand	.	Medium	1230	1236			
Slate	Black	Soft	1236	1236	Gas	1300'	
Yell. Salt Sd.	White	Hard	1236	1242			
Slate	Dark	Shaly	1242	1243			
Yell. Sand	White	Hard	1243	1256			
Slate	Dark	Shaly	1256	1270			
White Linn	White	Hard	1270	1280			
Yell. Coal	Dark	Soft	1280	1283			
Yell. Linn	White	Hard	1283	1287	Sh. Gas	1400' & 1430'	
Yell. Linn Sand	.	.	1287	1287	Gas	1475-48'	

Record of Well No. 4567 Located on A. N. Lamm et al Farm Mar 12 19 17
 District Clay District Pitchie County West Va State
 Division R District No. 14 Drilled under well Order 866
 Rig built by John Craig Began April 23 19 17 Completed April 26 19 17
 Well drilled by P. N. McCall Began May 15 19 17 Completed June 2 19 17
 Depth of Well 1699 feet Size of Hole 6 5/8 Producing Gas
1418 else 808

CASED WITH				REMARKS
AMOUNT	SIZE	KIND	ft.	
174'	10"	Cast	8	
1006'	8 1/4"	993'	48	
1643'	6 5/8"	1630	13	6 5/8 Pipe Road 5/29-41
1410'	3"		18	

COAL VEINS Off. Coal 460
461

FORMATIONS					
FORMATION	COLOR	OPEN OR CLOSE HARD OR SOFT	TOP	BOTTOM	REMARKS GAS-OIL-WATER (THICKNESS OF PAY)
<u>Little Dumberd</u>			<u>772</u>	<u>802</u>	<u>Water 40 - Hole full</u>
<u>Gas Sand</u>			<u>984</u>	<u>1026</u>	
<u>1st. Sand</u>			<u>1100</u>	<u>1190</u>	
<u>2nd "</u>			<u>1227</u>	<u>1288</u>	
<u>3rd Sand</u>			<u>1240</u>	<u>1350</u>	<u>Gas 1250 - 20/10 21 2"</u>
<u>4th Sand</u>			<u>1402</u>	<u>1464</u>	
<u>5th Sand</u>			<u>1530</u>	<u>1560</u>	
<u>6th Sand</u>			<u>1578</u>	<u>1600</u>	
<u>7th Sand</u>			<u>1603</u>	<u>1667</u>	<u>Gas 1675-85 - 18/10 17 6 5/8</u>
<u>8th Sand</u>					
					<u>run and 744-1941</u>
					<u>and plugged up to 1410</u>
					<u>felt all water</u>
					<u>was a gas well</u>

FORMATIONS
FORM: 032-5170

Well # 4567 A. N. Lamm

NAME	TOP	BOTTOM	OIL	GAS	WATER	REMARKS
Clay		12				
Sand	12	100				
Slate	100	150				
Red Rock	150	190				
Sand	190	210				
Red Rock	210	250				
Slate	250	290				
Red Rock	290	340				
Sand	340	360				
Red Rock	360	370				
Slate	370	460				
Exp. Coal	460	461				
Sand	461	481				
Slate	481	491				
Red Rock	491	730				
Sand	730	742				
Red Rock	742	762				
Slate	762	772				
Sand	772	802				
Slate & Shell	802	832				
Red Rock	832	892				
Sand	892	912				
Slate	912	987				
Sand	987	1026				
Slate	1026	1110				
Sand	1110	1170				
wt. salt sand	1170	1175				
Sand	1175	1227				
Slate	1227	1228				
Sand	1228	1288				
Slate	1288	1340				
Sand	1340	1356		1350		20/10 W 2"
Slate	1356	1402				
Sand	1402	1464				
Slate	1464	1525				
Mass sand	1525	1556				
Slate	1556	1578				
Little Linn	1578	1600				
Slate	1600	1603				
Org. Linn	1603	1667		1620-1635		
Org. Linn	1667			1675-1695		
Hot Oil Dept		1677				