



ABANDONMENT X

COMPANY PITTSBURGH & W. VA. GAS CO.
 ADDRESS CLARKSBURG, W. VA.
 FARM J. L. MC COLLOUGH
 TRACT _____ ACRES 65 LEASE NO. 6010
 WELL (FARM) NO. ONE SERIAL NO. 4581
 ELEVATION (S.L.) 113' VA
 QUADRANGLE WEST UNION S. V. 22
 COUNTY TYLER DISTRICT CENTERVILLE
 ENGINEER KENNETH B. MOORE
 ENGINEER'S REG. NO. _____
 FILE NO. VOL. D-28 P 69 DRAW. NO. _____
 DATE 10/15/46 SCALE 1"-500'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
 WELL LOCATION MAP

FILE NO. TYL-407A

+ 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.

Centerville District, Tyler County, W. Va.
 Philadelphia Co.
 Elevation, 1200'.
 Gas well.
 Completed, in 1917.
 Original production, 4,364,000 cu. ft. gas.
 Original rock pressure, 700 lbs., 13 hrs.
 On Big Run.

407A

	Top.	Bottom.
Pittsburgh Coal	740	
Little Dunkard	1150	- 1175
Big Dunkard (Gas) Sand	1225	- 1273
Maxton Sand	1775	- 1785
Big Lime	1936	- 2015
Big Injun Sand (gas, 2015-2023')	2015	
Total depth		2026

DEEPEMED?

Squaw Sand	2125	- 2167
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BE SURE TO GET AN ACCURATE LOCATION HERE.
 GET RECORD OF THE OTHER WELL N. E. OF THIS LOCATION.

Record of Well No. 4581 Located on J. L. McCullough Farm June 2 1917
 Centerville District Tyler County West Va State
 Division 9 District No. Drilled under well Order 948
 Rig built by John Craig Began June 27 1917 Completed July 6 1917
 Well drilled by S. N. McCall Began Sept 12 1917 Completed Nov 24 1917
 Depth of Well 2026 feet Size of Hole 6 5/8 Producing Gas
 Present Depth 2187 " New 1200 "

CASED WITH				REMARKS
AMOUNT	SIZE	KIND	Feet	
650	10	Cast Iron	32	Lease expires April 25 - 1922
1233	8 1/4	Cast Iron	64	
1946	6 5/8	Cast Iron	92	B. H. Parker
85	5 3/8	Cog Liner		from 1998 to 2083 -

COAL VEINS 740
 742 6-6 090

FORMATION	COLOR	OPEN OR CLOSE HARD OR SOFT	TOP	BOTTOM	REMARKS GAS-OIL-WATER (THICKNESS OF PAY)
Little Sandstone			1150	1175	
Gas Sand			1225	1273	Water 1265 - 1 - 0.5%
Int. Sandstone			1335	1430	
Sand			1460	1640	1565-90 - 20.0% Oil
Sand			1643	1695	
Shale Sand			1775	1785	
Little Sand			1906	1924	
Big Sand			1936	2015	Gas 2015-23 - 1/10 M. G. Key
Big Sand			2015	2115	
Deep drilling			2026		
Square			2125	2167	" 2065-68 - 20% Oil
					Hole filled from 2187 to 2083

FIRST PRESSURE TEST IN 6 5/8 CASING

FIRST PRESSURE TEST IN		CASING	REMARKS
30 Sec.	80	lbs. <u>8/10 m 6 5/8</u>	<u>Nov 25-1929</u>
1 Min.	115	"	<u>Shot 20 gts</u>
2 "	210	" <u>315</u>	<u>Bot. Shell 2069 1/2 ft</u>
5 "	445	" <u>590</u>	<u>April 13-1922</u>
10 "	600	" <u>1/2 1 2 3 4</u>	<u>- 1/10 W 2" Spung</u>
15 "	640	" <u>2 3 6 9 12</u>	<u>5 10 15 20 30 60</u>
30 "	650	" <u>14 25 35 44 57 73</u>	
Rock Pressure	"	in	<u>Shot Dec 4-1929</u>
Taken	<u>Nov 24</u>	19 <u>17</u>	<u>Bot. Shell 2022-15 gts</u>
By	<u>S. A. Lemasters</u>		

WELL TUBED AND PACKED Nov 25 1917

VIZ: Used 98 ft. 2026 ft. 3" Tubing (New)
1-6 5/8 x 3 Anchor Packers
3 ft. 35 ft. of Anchor Reclaimed

FIRST PRESSURE TEST IN 3" TUBING

FIRST PRESSURE TEST IN		TUBING	REMARKS
30 Sec.	300	lbs.	<u>Used 107 ft. 2187 ft. 3" Tubing</u>
1 Min.	445	"	<u>6 5/8 x 3" A. Packers</u>
2 "	530	" <u>575</u>	<u>12 ft. 200 ft. of Anchor</u>
5 "	600	" <u>590</u>	
10 "	665	" <u>1/2 1 2 3</u>	<u>4 5 10 15 20 98</u>
15 "	675	" <u>675</u>	<u>37 43 57 65 69 86</u>
30 "	685	" <u>690</u>	
Rock Pressure	700	" in <u>13 in.</u>	
Taken	<u>Nov 25</u>	19 <u>17</u>	
By	<u>S. A. Lemasters</u>		

MATERIAL FOR THIS WELL RECEIVED FROM FOLLOWING SOURCES:

FORMATIONS
FORM: 032-5170

Well # 4581 J.L. McCullough

NAME	TOP	BOTTOM	OIL	GAS	WATER	REMARKS
Red Rock		50				
Shine	50	90				
Red Rock	90	250				
Shine	250	300				
Red Rock	300	345				
Coal	345	350				
Shine	350	370				
Red Rock	370	400				
Shale	400	430				
Shine	430	445				
Red Rock	445	455				
Sand	455	480				
Shale	480	485				
Sand	485	510				
Red Rock	510	530				
Shine	530	605			643	
Sand	605	650				
Shale & Shells	650	740				
Shy Coal	740	742				
Shine	742	760				
Shale & Shells	760	830				
Shine	830	856				
Red Rock	856	960				
Shine	960	1030				
Shale	1030	1070				
Red Rock	1070	1110				
Shale	1110	1160				
Big Leonard	1160	1175				
Shale	1175	1193				
Shine	1193	1205				
Shale	1205	1225				
Gas Sand	1225	1273				
Shale	1273	1330				
Sand	1330	1375				
Shale	1375	1385				
st. salt sand	1385	1430				
Shine & Shells	1430	1460				
and salt sand	1460	1640		1565-90		
Shale	1640	1643				
Sand	1643	1675				
Shale	1675	1775				
Sand	1775	1885				
Shale	1885	1906				
Little Shine	1906	1924				
Small Core	1924	1936				
Big Shine	1936	2015				
Big Shine	2015			2015-2023		
Total Depth		2026				