

DISTRICT LINCOLN COUNTY MARRN STATE W.VA.
QTR. QUADRANGLE CLKs. N.E. 1-4 DATE FEB-30 NO. ON LEASE 1
LEASE EXPIRES P. RESERVATION ELEVATION 1108'-L



Mar 11 4
SCALE 1" = 500'

ENGINEER'S CERTIFICATE

The undersigned hereby certify that this map is correct and shows all the information to the best of his knowledge and belief required by the Oil and Gas Section of the Mining Laws of West Virginia.

H. B. Bigler
ENGINEER

71 + P 1

LATITUDE 39 27 30

+ .185
1.13W

LONGITUDE 80 17 30

7'5 OGIS topo location

7.5' loc _____ 15' loc _____
(calc.) _____

Company 2197

Farm JE SANDS

Quad SHINNSTOWN

County MARION

District LINCOLN

WELL LOCATION MAP

File No. 30011

Lincoln District, Marion County, W. Va.
 By Pittsburgh & W. Va. Gas Co., 435 Sixth Ave., Pittsburgh, Pa.
 On 124 acres, surface and mineral rights owned by J. E. Sands
 Estate, Security Trust Co., Executor, Wheeling, W. Va.

Completed Dec. 16, 1907.

Elevation, 1108' L.

6-5/8" casing, 1330'; 5-3/16", 1830'; 3" tubing, 2218'.

Hook wall packer, 5-3/16 x 3, set at 2218'.

3" tubing ^{not} perforated.

Coal was encountered at 154-159 and 274-282'.

Started drilling Oct. 8, 1907; completed drilling, Dec. 16, 1907.

Gas well in 50-Ft. and 5th Sands.

Abandonment reported to Dept. of Mines Feb. 7, 1930.

Well was not shot.

MAR-11-A

	Top.	Bottom.	Thickness.
Mapletown (Sewickley) Coal	154	- 159	5
Pittsburgh Coal	274	- 282	8
Little Dunkard Sand	645	- 665	20
Big Dunkard Sand	755	- 812	57
Sand	820	- 870	50
Gas Sand (gas, 1065'; water, 1070')	1050	- 1150	100
Salt Sand (water, 1197-1252')	1180	- 1275	95
Little Lime	1581	- 1596	15
Pencil Cave	1596	- 1598	2
Big Lime	1598	- 1676	78
Big Injun Sand	1676	- 1773	99
50-Ft. Sand	2215	- 2280	65
30-Ft. Sand	2285	- 2320	165
Stray Sand	2443	- 2460	17
Gordon Sand	2475	- 2495	20
4th Sand	2514	- 2550	36
Gas in shell at 2656'			
5th Sand (gas, 2563')	2667	- 2677	10
Total depth			2698

PITTSBURGH & WEST VIRGINIA GAS CO. COMPANY 49-30011

Record of Well No. 2197 Located on Jos C. Sanders coal Farm July 12 1907
 Lincoln District Marion County W. Va State
 Division 22 District No. 11 Drilled under Well Order 838
 Rig built by Jno. Craig Began 19 Completed Sept 20 1907
 Well drilled by J. B. Townsell & Co Began Oct 8 1907 Completed Dec 16 1907
 Depth of Well 2698 feet Size of Hole 5 7/16 Producing Gas
 Elev: 1108

CASED WITH			REMARKS
AMOUNT	SIZE	KIND	
16'	13 1/2"	Wood	
346'	10"	New	Re-linced
1133	8 1/4"	"	"
1330	6 7/8"	"	1 - 6 7/8" B. T. Packer
1830	5 7/16"	Old	1 - 5 7/16" " "
2218	3"		

COAL VEINS Mapletown 154-158 Age 274-282
 FORMATIONS

NAME	TOP	BOTTOM	OIL	GAS	WATER	REMARKS
Big Plum hard	755	817				
Thin sand	860					
Salt	1050					
" " "	1180	1245				
Big Lime	1598					
Big Limestone	1676	1750				
Fifty Foot	2215	2285		2221		
Twenty "	2288	2375				
London shaly	2443	2460				
London sand	2475	2495				
Twenty "	2514	2528				
Fifteen "	2667	2677		2673		

FIRST PRESSURE TEST IN	CASING	REMARKS
30 Sec.	lbs.	
1 Min.	"	
2 "	"	
5 "	"	
10 "	"	
15 "	"	
30 "	"	
Rock Pressure	" in	
Taken	19	
By		

WELL TUBED AND PACKED *Jan 31* 19*08*
 VIZ:- *2218 ft of 3" Tubing*

FIRST PRESSURE TEST IN	TUBING	REMARKS
30 Sec.	lbs.	
1 Min.	"	
2 "	"	
5 "	"	
10 "	"	
15 "	"	
30 "	"	
Rock Pressure	" in	
Taken	19	
By		

MATERIAL FOR THIS WELL RECEIVED FROM FOLLOWING SOURCES:

Lined area for recording material sources.