





Company ~~THE STATE OIL COMPANY~~  
 Address 507 1ST CHARLESTON, W. VA.  
 Farm J. W. KNIGHT  
 Tract \_\_\_\_\_ Acres 3.6 Lease No. 331  
 Well (Farm) No. 1 Serial No. 160

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

Paw Paw District, Marion County, W. Va.  
 By Owens-Illinois Glass Co., Gas Dept., Charleston, W. Va.  
 On 30 acres, surface owned by J. W. Knight, Rivesville, W. Va.,  
 and coal rights by Consolidation Coal Co., Fairmont, W. Va.  
 Well was completed in 1927.  
 Elevation, 1174.5' L.  
 16" conductor, 16'; 8 1/2" casing, 1458' (pulled); 6", 577 1/2';  
 6-5/8", 1837'; 2" tubing, 2023'.  
 Heeter anchor packer, 6-5/8 x 2, set at 1864'.  
 2" perforated at 1885-1889 and 2018-2022'.  
 Coal was encountered at 45-50, 320-325, and 435-442'.  
 10" casing cemented from 577 1/2' to 470'.  
 Abandonment reported to Dept. of Mines Sept. 28, 1936.  
 Well was not shot.  
 Salt water at 1438 and 1475'.  
 Gas well.

MAR-146-A

	Top.	Bottom.	Thickness.
Slate and lime	0	135	135
Coal	135	140	5
Slate	140	175	35
Lime	175	200	25
Slate	200	240	40
Lime	240	370	120
Sand	370	385	15
Slate	385	405	20
Mapletown (Sewickley) Coal	405	411	6
Slate	411	415	4
Lime	415	480	65
Sand	480	512	32
Slate	512	520	8
Pittsburgh Coal	520	524	4
Slate	524	550	26
Lime	550	680	130
Slate	680	710	30
Sand	710	732	22
Slate	732	775	43
Slate and lime	775	870	95
Sand	870	920	50
Lime and slate	920	1080	160
Big Dunkard Sand	1080	1125	45
Slate	1125	1135	10
Lime	1135	1180	45
Slate	1180	1195	15
Gas Sand	1195	1275	80
Slate	1275	1305	30
First Salt Sand	1305	1385	80
Slate and shells	1385	1415	30
Second Salt Sand (15 bailers water per hour at 1435'; hole full water, 1475')	1415	1560	145
Lime	1560	1580	20
Red rock	1580	1655	75
Lime	1655	1695	40
Red rock	1695	1710	15
Lime and slate	1710	1798	88

(OVER)

J. W. KNIGHT NO. 100 WELL (Continued).

	Top.	Bottom.	Thickness.
Little Lime	1798	- 1810	12
Pencil Cave	1810	- 1815	5
Big Lime	1815	- 1874	59
Big Injun Sand (gas, 1883-90'; 625,000 cu. ft.)	1874	- 2013	139
Hard red rock (break in Injun Sand), 1893-1897'			
Slate and shells	2013	- 2032	19
Lime	2032	- 2086	54
Berea Sand	2086	- 2118	32
Lime shells	2118	- 2154	36
Slate and shells	2154	- 2372	218
Gantz Sand (no gas)	2372	- 2417	45
Slate	2417	- 2418	1
50-Ft. Sand (no gas),	2418	- 2438	20
Total depth			2438

9-94M