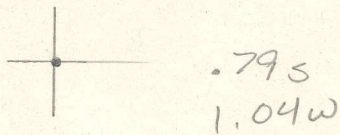


LATITUDE 39 37 30



LONGITUDE 86 20

7'5 OGIS topo location

7.5' loc \_\_\_\_\_ 15' loc \_\_\_\_\_  
 \_\_\_\_\_ (calc.) \_\_\_\_\_

Company \_\_\_\_\_

Farm JOS CAMPBELL 7

Quad MANNINGTON

County WARREN

District MANNINGTON

WELL LOCATION MAP

File No. 30051



**ENGINEER'S CERTIFICATE**

I, the undersigned, hereby certify that this map is true and correct and shows all the information to the best of my knowledge and belief required by the oil and gas section of the mining laws of West Virginia.

*[Handwritten Signature]*

Mannington District, Marion County, W. Va.

By South Penn Oil Co., P. O. Drawer 1255, Pittsburgh, Pa.

On 88.5 acres, surface owned by Rosetta Moore, Metz, W. Va., and mineral rights by Homer N. Campbell et al., Metz, W. Va.

Elevation, 1408' L.

10" casing, 722'; 8 1/2" 1680'; 4" 6-5/8", 2446'; 8" 5-3/16", 3036'; 8" 4 1/2" x 4" liner, (bottom), 3335'.

Abandonment reported to Dept. of Mines Dec. 28, 1931.

Well was shot in Fourth Sand.

Salt water at 2136, 2144, 2488, 2572, and 2584'.

Producing hole.

MAR-51A

	Top.	Bottom.
Native coal (Sewickley)	1082	- 1089
Pittsburgh Coal	1190	- 1199
Little Dunkard Sand	1580	- 1595
Big Dunkard Sand	1660	- 1702
Gas Sand	1850	- 1975
1st Salt Sand (water at 2136 and 2144')	2100	- 2180
Maxton Sand	2290	- 2319
Little Lime	2398	- 2405
Pencil Cave	2405	- 2408
Big Lime	2408	- 2474
Big Injun Sand (water at 2488, 2572, and 2584'; gas show, 2570')	2474	- 2636
Fifty-foot Sand	3130	- 3192
Thirty-foot Sand	3216	- 3233
Campbells Run Sand	3334	- 3371
Stray Sand	3380	- 3389
Gordon Sand	3402	- 3424
Fourth Sand (gas, 3449-3451'; oil, 3462')	3440	
Total depth		3470