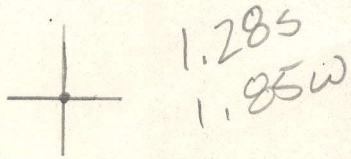


LATITUDE 39 30



LONGITUDE 80 22 30

7'5 OGIS topo location

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

Company _____

Farm PH & B GAUGHAN I

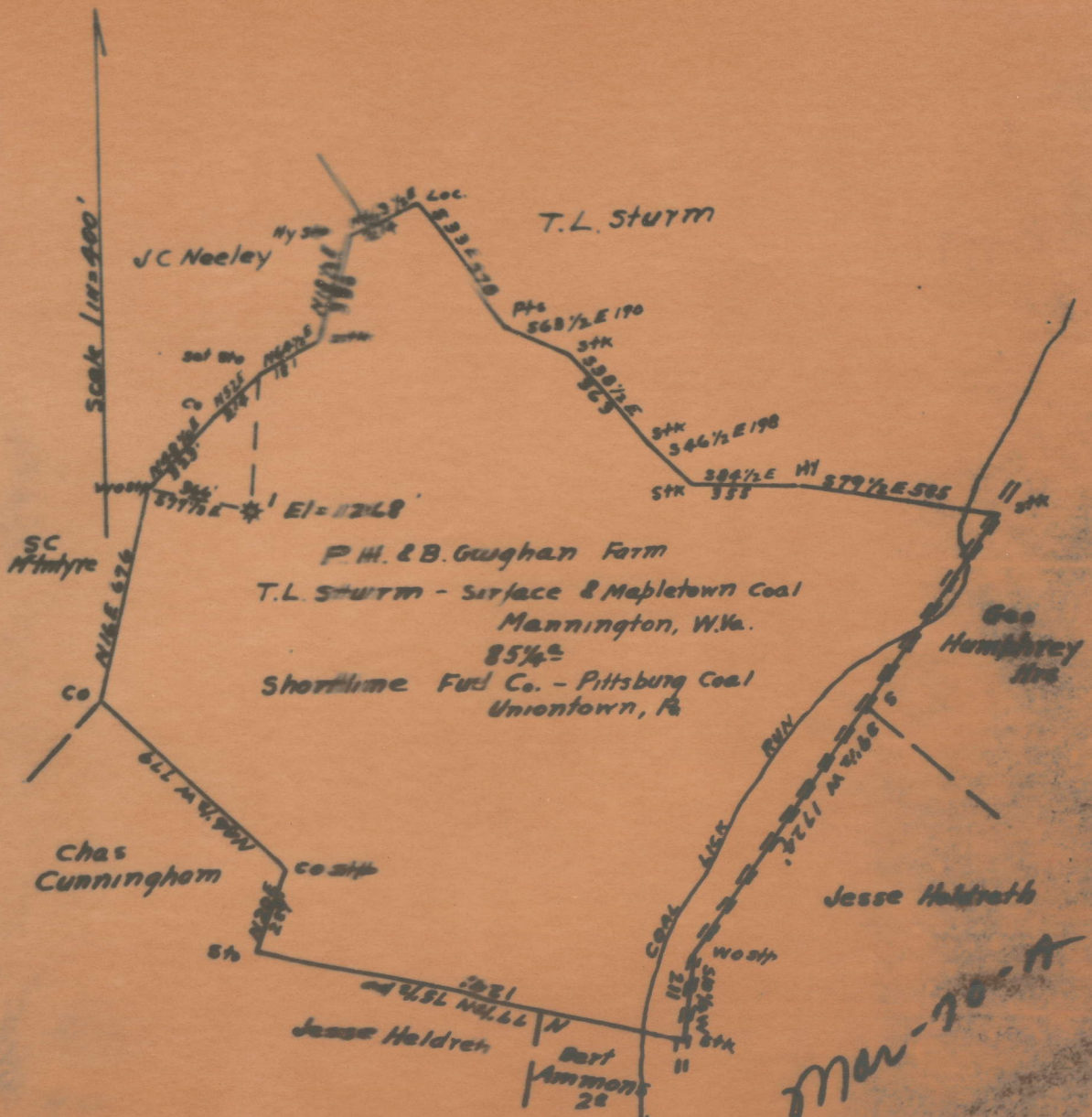
Quad WALLACE

County MARION

District MANNINGTON

WELL LOCATION MAP

File No. 30070



ENGINEER'S CERTIFICATE.

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

Frank [Signature]
 ENGINEER.

Acknowledged before me, a Notary Public of Allegany County, Pa.,

Mannington District, Marion County, W. Va.

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

On 87 acres, surface owned by T. L. Sturm, Mannington, W. Va.,
and mineral rights by Mrs. Bridget Caughan, Mannington, W. Va.

Elevation, 1268' L.

16' conductor; 10" casing, 257' 1"; 8 $\frac{1}{2}$ "², 1299' 6"; 6-5/8", 2061' 9";
5-3/16", 2411' 3"; 2" tubing, 2966'.

Coal was encountered at 675'.

4 $\frac{1}{2}$ x 4" liner, 208' 1".

Abandonment reported to Dept. of Mines Sept. 23, 1932.

Fresh water at 915'.

Producing hole.

	Top.	Bottom.
Conductor	0	16
Bluff Sand	375	400
Mapletown (Sewickley) Coal	675	
Pittsburgh Coal	780	785
(Water at 915')		
Sand	1150	1180
Little Dunkard Sand	1225	1270
Big Dunkard Sand	1285	1315
Gas Sand	1485	1570
Gas Sand	1585	1595
Salt Sand	1645	1670
Salt Sand	1710	1850
Maxton Sand	1930	1990
Little Lime	2025	2035
Big Lime	2040	2090
Big Injun Sand (gas, 2114'; oil, 2212')	2090	2245
Fifty-foot Sand	2705	2755
Thirty-foot Sand	2785	2815
Boulder Sand	2825	2865
Gordon Stray Sand (gas, 2946')	2935	2965
Gordon Sand	2970	2982
Fourth Sand	3009	3030
Fifth Sand	3160	3165
Total depth		3175

MAR-70-A