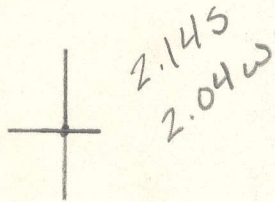


LATITUDE 39 32 30

LONGITUDE 80 25 00



T'5 OGIS topo location

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

Company _____

Farm A W BEATY 2513

Quad GLOVER GAP

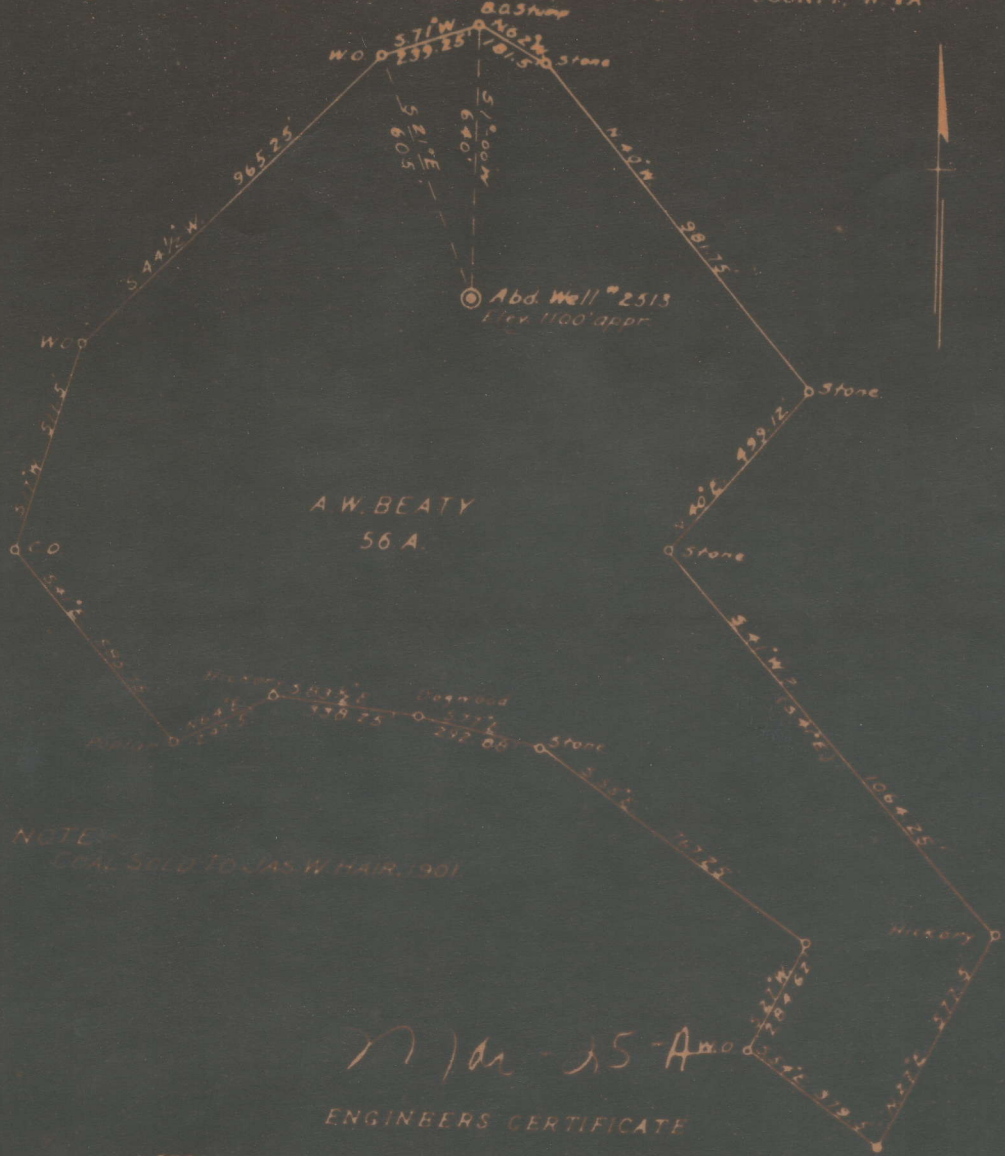
County MARION

District MANNINGTON

WELL LOCATION MAP

File No. 30025

THE MANUFACTURERS LIGHT & HEAT CO. OF PITTSBURGH, P.A.
 ON THE A W BEATY FARM CONSISTING OF 56 ACRES
 LOCATED IN MANNINGTON DISTRICT, MARION COUNTY, W. VA.



NOTE -
 COAL SOLD TO JAS W HAIR, 1901

Mar - 15 - A.M.O.

ENGINEERS 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 LAWS OF WEST VIRGINIA

[Signature]
 ENGINEER

ACKNOWLEDGED BEFORE ME A NOTARY PUBLIC OF AND IN

Mannington District, Marion County, W. Va.

By The Manufacturers Light & Heat Co., 800 Union Trust Bldg.,
Pittsburgh, Pa.On 56 acres, surface owned by A. W. and Mary E. Beaty et al.,
Harrison County, W. Va., and mineral rights by ML&H Co.

Well was completed June 12, 1920.

Elevation, 1100'.

13" conductor, 16'; 10" casing, 416'; 6-5/8", 2189' 4"; 5-3/16", 2470'.

Coal was encountered at 398-406, 550-552, 895-897, and 916-927'.

Abandonment reported to Dept. of Mines Dec. 11, 1930.

	Top.	Bottom.	Thickness.
Clay	0	10	10
Coal	398	406	8
Bluff Sand	515	550	35
Coal	550	552	2
Coal (No Mapletown--Sewickley Coal)	895	897	2
Pittsburgh Coal	916	927	11
Red rock	1012	1020	8
Red rock	1124	1150	26
Red rock	1200	1218	18
Red rock	1230	1235	5
Little Dunkard Sand	1305	1372	67
Pink rock	1386	1392	6
Red rock	1405	1423	18
Big Dunkard Sand	1423	1442	19
Lime	1610	1630	20
Gas Sand	1630	1680	50
1st Salt Sand	1740	1810	70
2nd Salt Sand (water at 1885', 5 bail- ers per hour)	1878	1988	110
Maxton Sand	2037	2085	48
Little Lime	2124	2136	12
Pencil Cave	2136	2143	7
Big Lime	2143	2224	81
Big Injun Sand (water at 2320'; filled up 1500')	2224	2350	126
50-Ft. Sand	2828	2841	13
Slate	2841	2857	16
50-Ft. Sand (gas at 2862'; 6/10 M. in 2"; break in 50-Ft.) <i>~38171 ft</i>	2857	2874	17
Total depth		2877	
DRILLED DEEPER:			
Slate	2877	2910	33
30-Ft. Sand	2910	2936	26
Slate	2936	2944	8
Red rock	2944	2948	4
Stray Sand	2948	2962	14
Slate	2962	2970	8
Sand	2970	3030	60
Gordon Sand	3030	3055	25
Slate	3055	3064	9
4th Sand	3064	3102	38
Slate	3102	3171	69
Total depth		3171	
DRILLED DEEPER:			
Lime	3171	3231	60
Slate	3231	3467	236
Total depth		3467	

MAR-25-A