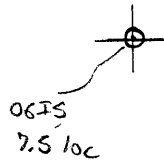


LATITUDE

39° 50'

80° 32' 30"

LONGITUDE



7.5 OGIS topo location

7.5' loc	<u>2.42 S</u>	15' loc	<u>2.42 S</u>
	<u>0.94 W</u>	(calc.)	<u>3.14 W</u>

Company Manuf. Light + Heat Co.

Farm D.A. Matthews

Quad Cameron Cameron SE

County Marshall

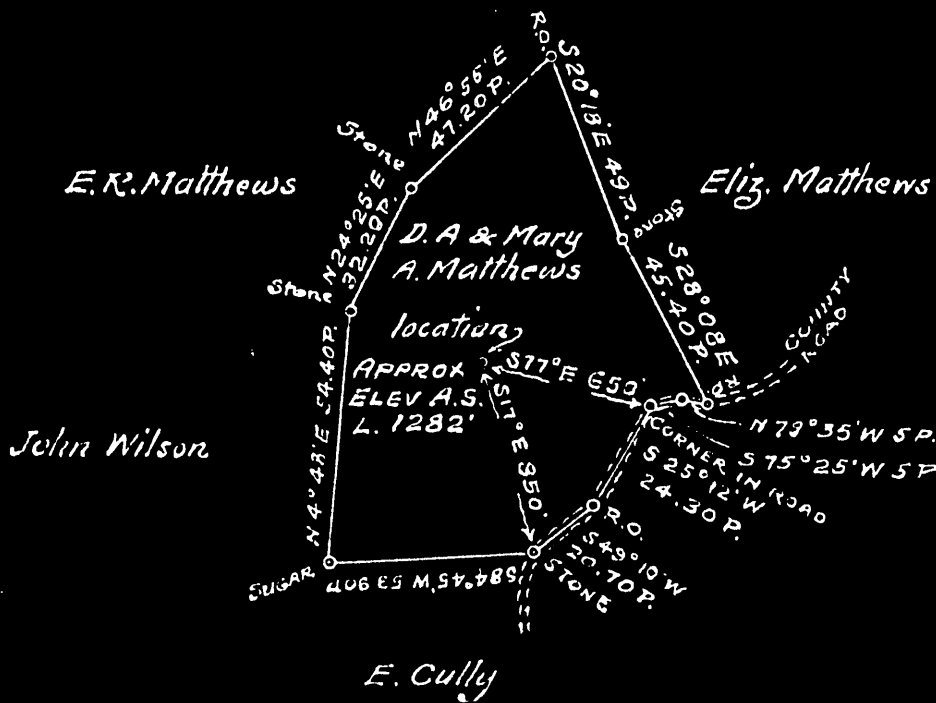
District Liberty

WELL LOCATION MAP

File No. 051-22

111713611 24

PLAT OF THE PROPOSED LOCATION OF WELL NO. 3305 OF
 THE MANUFACTURERS LIGHT & HEAT CO. OF PITTSBURGH, PA.
 ON THE D. A. MATTHEWS FARM CONSISTING OF 40 ACRES
 LOCATED IN LIBERTY DISTRICT, MARSHALL COUNTY, W. VA.
 SCALE 1" = 600'



GEORGE L. HIBBS OWNS COAL

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

H.E. Satterlee
 ENGINEER

ACKNOWLEDGED BEFORE ME A NOTARY PUBLIC OF AND FOR ALLEGHENY COUNTY, STATE OF PENNSYLVANIA THIS 24 DAY OF April 1930

Harry S. F...

WEST VIRGINIA DEPARTMENT OF MINES

Oil and Gas Section

PRELIMINARY DATA SHEET NO. 1

Well No. 1 (3305)

File No.

The Manufacturers Light & Heat Company, of 800 Union Trust Bldg

Pittsburgh, Penna on ththe S. A. Mathews Farm

containing 40 acres. Location

Liberty District, in Marshall County, West Virginia.

The surface of the above tract is owned in fee by

of address, and the mineral rights are owned by

of

The oil and gas privileges are held under lease by the above named company, and this well is drilled under

permit No. issued by the West Virginia Department of Mines, Oil and Gas Section,

19.

Elevation of surface at top of well, 1282 ft Spirit Barometric.

The number of feet of the different sized casings used in the well.

16 feet 12 size. Wood conductor.

237 1/2 feet 10 size, csg. 1436 9/12 feet 8 1/4 sized csg.

2041 feet 6 5/8" size, csg. feet sized csg.

feet size, csg. feet sized csg.

Sprang Anchor packer of 8 1/4" x 6 5/8 size, set at 1917 3/4

packer of size, set at

6 5/8 in casing perforated at 1935 5/12 feet to 1940 feet.

in casing perforated at feet to feet.

Coal was encountered at 620 feet; thickness 36 inches, and at 812

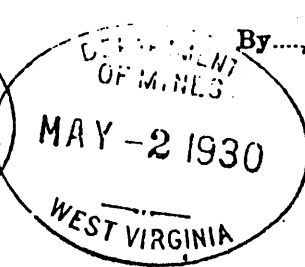
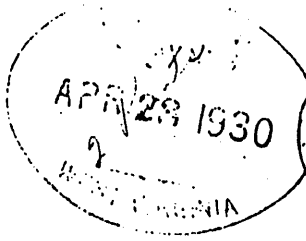
feet; thickness 60 inches; and at 917 feet; thickness 72 inches.

Liners were used as follows: (Give details) no liners used

April 10, 1930 Date.

Approved THE MANUFACTURERS LIGHT & HEAT CO., Owner.

By Harry H Fowler (Title)



MAN 22

LAND

mul-22

The Manufacturers Light & Heat Company
Pittsburgh, Penn'a. Address

COMPLETION DATA SHEET NO. 2 FORMATION RECORD

Well No. 3305 - D.A. Mathews Farm - Liberty Dist., Marshall Co., West Va.

Name	Color	Character	Oil, Gas or Water	Top	Bottom	Thickness	Total Depth	Remarks
nd	Yellow	Soft		14	25	11		
nd	Gray	"	water	115	135	20		
nd	"	Med.		300	340	40		
nd	White	Hard		530	560	30		
uff Sand	"	"		580	620	40		
ynesburg Coal	Black	Soft		620	624	4		
me	White	Hard		624	680	56		
me	"	"		700	812	112		
pletown Coal	Black	Soft		812	817	5		
me	White	Hard		817	870	53		
nd	"	"		870	890	20		
ale	Brown	Soft		890	917	27		
gh. Coal	Black	"		917	923	6		
ale	Gray	"		923	935	3		
urphy Sand	White	Hard		1080	1105	25		
ttle Dunkard	"	"		1310	1325	15		
g Dunkard	"	"		1424	1455	31		
late	Dark	Soft		1455	1495	40		
reepport Coal	Black	"		1495	1500	5		
late	Dark	"		1500	1520	20		
as Sand	White	Hard		1550	1610	60		
rst Salt Sand	"	"		1670	1700	30		
cond "	"	"	Gas	1890	1980	90		

2024'

Well was not shot atfeet; well was shot atfeet.

Fresh water at 180feet; salt fresh water atfeet.

Well was producing Gas hole. ~~dry~~

THE MANUFACTURERS LIGHT & HEAT CO.

April 10, 1930
Date

Approved

Harry H Fowler
Owner

NOTE: All bottom formations must be noted as indicated above and all key-rocks and oil and gas sands must be recorded under their proper geological names in the district as well as any local names commonly used in the district for such strata.