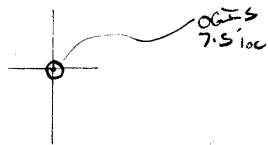


LATITUDE

39° 42' 30"



7.5 OGIS topo location

7.5' loc	<u>182 S</u>	15' loc	<u>469</u>
	<u>2.20 W</u>	(calc.)	<u>2.20</u>

Company _____

Farm _____

Quad Wadestown 7.5' Monrovia NC

County Monongalia

District Battelle

WELL LOCATION MAP

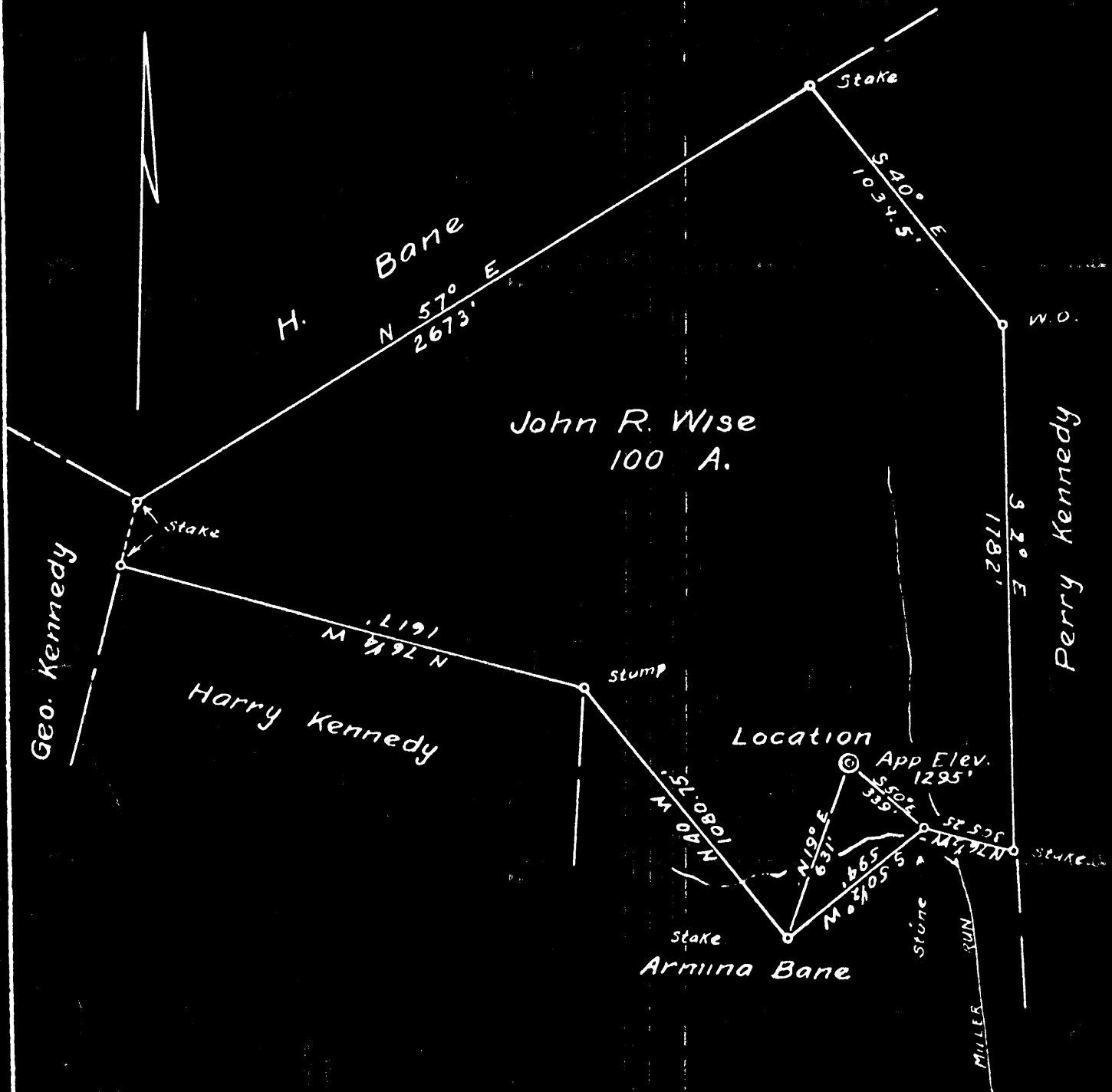
File No. 061-35

CLOP

6-0

(051)

PLAT OF THE PROPOSED LOCATION OF WELL NO. 3455 OF
 THE MANUFACTURERS LIGHT & HEAT CO. OF PITTSBURGH, PA.
 ON THE JOHN R. WISE FARM CONSISTING OF 100 ACRES
 LOCATED IN BATTELLE DISTRICT, MONONGALIA COUNTY, W. VA.



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.

J. A. Louder
 ENGINEER

ACKNOWLEDGED BEFORE ME A NOTARY PUBLIC OF AND FOR ALLEGHENY COUNTY, STATE OF PENNSYLVANIA THIS 5 DAY OF Sept 1930

Henry H. Town

Mon, 35

WEST VIRGINIA DEPARTMENT OF MINES

Oil and Gas Section

PRELIMINARY DATA SHEET NO. 1

File No.

Well No. 3455

The Manufacturers Light & Heat Company, of Pittsburgh Pa.

on ththe J.R. Wise Farm

containing 100 acres. Location

Battelle District, in Monongalia County, West Virginia.

The surface of the above tract is owned in fee by J. R. Wise et al

of R D, Burton, West Virginia, address, and the mineral rights are owned by

The Manufacturers Light & Heat Co., of Pittsburgh, Pennsylvania.

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

permit No. Mon. 35 issued by the West Virginia Department of Mines, Oil and Gas Section,

September 18th, 1930

Elevation of surface at top of well, 1295 feet Spirit Barometric.

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

13' feet 13 x 16 size. Wood conductor.

246 feet 10" size, csg. 1490 feet 8 1/2 sized csg.

2259 feet 65/8 size, csg. feet sized csg.

feet size, csg. feet sized csg.

packer of size, set at

packer of size, set at

in casing perforated at feet to feet.

in casing perforated at feet to feet.

Coal was encountered at 890 feet; thickness 48 inches, and at 990

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

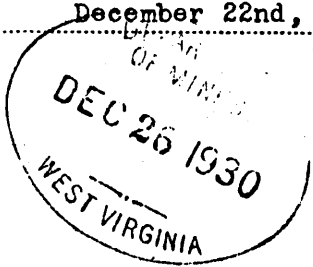
Liners were used as follows: (Give details)

December 22nd, 1930.

Date.

Approved THE MANUFACTURERS LIGHT & HEAT CO., Owner.

By Harry H. Fowler (Title) Land Agent.



Handwritten initials 'PHS' and 'S. 7713' on the left margin.

The Manufacturers Light & Heat Company

COMPLETION DATA SHEET

Pittsburgh Pa. Address

NO. 2

800 Union Trust Building

FORMATION RECORD

Name	Color	Character	Oil, Gas or Water	Top	Bottom	Thickness	Total Depth	Remarks
Clay	Yellow	Soft		03	13	13		
Slate & Lime	White	Hard & Soft		13	640	627		
Slate	Black	Soft		640	890	250		
Mapletown C.	Black	Soft		890	894	4		
Pgh. Coal	Black	Soft		990	996	6		
Lime	White	Hard		996	1140	144		
Murphy Sand	White	Hard		1140	1165	25		
Red Rock	Red	Soft		1165	1180	15		
Slate	Dark	Soft		1180	1300	120		
Red Rock	Red	Soft		1300	1315	15		
Lime	White	Hard		1315	1340	25		
Slate	Black	Soft		1340	1365	25		
Lime	White	Hard		1365	1425	60		
Slate	Black	Soft		1425	1445	20		
Big Dunk	White	Hard		1445	1485	40		
Slate & Lime	Dark	Hard & Soft		1485	1650	165		
Gas Sand	Dark	Hard		1650	1700	50		
Slate	White	Soft		1700	1710	10		
Sand & Shells	White	Hard		1710	1803	93		
Salt Sand	White	Hard		1803	1868	65		
Slate & Lime	Dark	Soft		1868	1881	13		
Sand	White	Hard		1881	1905	24		
Slate	Dark	Soft		1905	1988	83		
Salt Sand	White	Hard		1988	2018	30		
Slate	Slate	Soft		2018	2035	17		
Lime	White	Hard		2035	2060	25		
Red Rock	Red	Soft		2060	2115	55		
Lime & Slate	White	Hard & Soft		2115	2149	34		
Little Lime	White	Hard		2149	2161	12		
Pencil Cave	Dark	Soft		2161	2177	16		
Big Lime	White	Hard		2177	2272	95		
Big Injun Sand	Yellow	Hard		2272	2500	228		
Slate	White	Soft		2500	2505	5		
Sand	White	Hard		2505	2515	10		
Slate & Lime	White	Hard		2515	2775	260		
30 Ft Shells	Dark	Hard		2775	2937	162		
50 St Sand	White	Hard		2937	2995	58	Show of Gas at 294	
Slate	Black	Hard		2995	2998	3		
Nineva	Dark	Hard		2998	3017	19		
Slate	Dark	Soft		3017	3030	13		
Sand	White	Hard		3030	3047	17		
Slate & Lime	White	Hard		3047	3085	38		
Stray Sand	White	Hard		3085	3105	20		
Slate & Shells	Dark	Hard		3105	3138	33		
Gordon Sand	White	Hard		3138	3180	42		
Slate	Dark	Soft		3180	3188	8		
4th. Sand	White	Hard		3188	3203	13		
Slate	Dark	Soft		3203	3215	12		
Sand	White	Hard		3215	3232	17		
Slate & Shells	Dark	Soft & Hard		3232	3250	18		
Sand	White	Hard		3250	3275	25		
Slate & Shells	Dark	Soft & Hard		3275	3384	109		
Bayard Sand	Dark	Soft		3384	3400	16		
Slate & Shells	Dark	Soft & Hard		3400	3583	183		
Total Depth				3583				

shot
Well was not shot at No. feet; well was shot at feet.

Salt salt
Fresh water at None feet; fresh water at feet.

producing
Well was hole.
dry

THE MANUFACTURERS LIGHT & HEAT COMPANY,

December 22nd, 1930. Approved *Harry H. Fowler*
Date Owner Land Agent.

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.