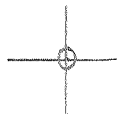


LATITUDE 39° 22' 30"

LONGITUDE 80° 38' 00"



7'5 OGIS topo location

7.5' loc	<u>279 S</u>	15' loc	<u>5,67 S</u>
	<u>1.47 W</u>	(calc.)	<u>1.47 W</u>

Company _____

Farm _____

Elevation top est. 980'
Centerpoint C

Quad SALEM 7 1/2'

County DODDRIEGE

District MCCLELLAN

WELL LOCATION MAP

File No. 017-2177

Larock

THE MANUFACTURERS LIGHT & HEAT CO.

Location for Well No. 3169 To be drilled for Gas

Lease No. 13011 for 15 Acres, Sedalia District

DESCRIPTION

Well No. 1 on farm of Josephine Boyce

District MacClellan County Doddridge State W. Va.

730 feet from South line of Saddler Farm

300 feet from West line of Isaac Snyder Farm

.....feet from.....line of.....Farm

.....feet.....of well.....Farm

As shown on Sketch below: Scale of sketch; 1" equals 2000 feet

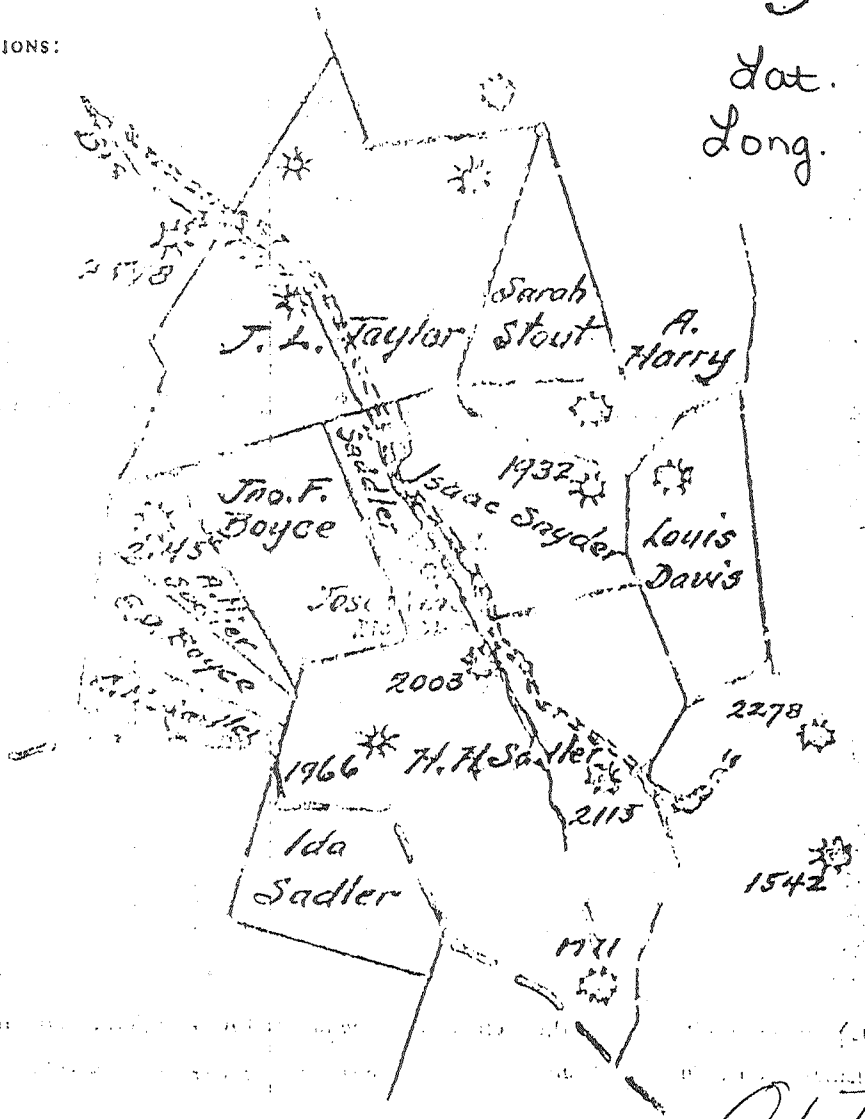
Location made December 10 1926 Signed John J. Foley

Reservation around Buildings, 200 Feet. W. E. Kaye, Eng.

SPECIAL AGREEMENT: Harry Moore

SPECIAL CONDITIONS:

Lat. 39° 20' 1"
Long. 80° 36' 48"



017-2177

Harry Moore Foreman, Pittsburgh, Pa. December 10 1926
Sedalia, W. Va.

You are hereby authorized to commence work on above well at once, as well must be commenced by at once 1926, and must be completed by as soon as possible 1926.

All charges for labor and material incident to above well must be charged to this Well No. 3169 and when work is completed report must be filled out on reverse side of this sheet and forwarded to Pittsburgh Office. Retain one copy of this order for your files.

The Manufacturers Light & Heat Company

Station, Shenandoah, W. Va.

248 Fourth Ave., Pittsburgh, Pa.

017-2177

11111

Order of Wells No. 3169 on Josephine Boyce Farm 15 Acres
 Shenandoah, W. Va. Field McClellan District Doddridge County W. Va. Side
 Commenced March 7th 1927, Completed March 12th 1927
 Drilling Commenced December 12 1927, Completed January 30th 1928
 Cost per Foot 1.45 Contractor O.C. Henry Address West Union, W. Va.
 Owners' Names J.G. McKinley, William Cain

BOILER		ENGINE			RIG			
No.	Name of Maker	H. P.	No.	Name of Maker	New	Old	Height	Name of Builder
						Old	82'	E.F. Futsen

CONDUCTOR AND CASING USED IN DRILLING

13 inch	10 inch	8 1/4 inch	6 1/2 inch	6 1/4 inch	5 3/4 inch	5 ft inch	5 inch	4 inch	3 inch
	306'-0"	1185'-0"	1951'-0"						

CONDUCTOR AND CASING LEFT IN WELL

13 inch	10 inch	8 1/4 inch	6 1/2 inch	6 1/4 inch	5 3/4 inch	5 ft inch	5 inch	4 inch	3 inch
	306'-0"	1185'-0"	1951'-0"						

OIL WELL

GAS WELL

Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Tanks	Size of Packer	Depth Set	Packed with	1st Minute Pressure	Rock Pressure
									7 1/2	240 1/2 1 Hr

FORMATION	Top	Bottom	Thickness	REMARKS
Pittsburgh Coal black soft	640	648	8	Hole full water @ 270'
Little Dunkard white hard	930	1010	80	
White sand white hard	1175	1220	45	
Dark salt sand white hard	1300	1380	80	
Dark " " white hard	1415	1455	40	
Dark " " white hard	1520	1590	70	Water @ 1565 1/2 Section bailers per Hr.
Dark salt sand dark close	1750	1780	30	
Dark sand white hard	1785	1850	65	
Dark lime black close	1852	1890	38	
Dark lime white hard	1908	1965	56	
Dark Injun sand white hard	1965	2095	130	Gas @ 2080 to 2097 60/10 water in 2"
Total Depth	2101			
Coal black soft	90	96	6	
Dark and white soft	96	115	19	
Dark late black soft	115	250	135	
Dark and white soft	250	270	20	
Dark late white soft	270	298	28	
Dark lime white hard	298	496	198	
Dark late white soft	496	510	14	
Dark lime white hard	510	520	10	
Dark late white soft	520	530	10	
Dark lime white hard	530	550	20	
Dark late white soft	550	560	10	
Dark and white hard	560	575	15	
Dark late white soft	575	590	15	
Dark lime white hard	590	600	10	
Dark late red soft	600	610	10	
Dark lime white hard	610	640	30	

323000 cu ft
 017-2177

Examined above information and measurements and found to be correct by _____ Contractor
 Examined and approved by _____ Superintendent of Co.
 NOTE—The above blank must be filled out carefully by the Contractor, with a complete and accurate record of the Well, and accompany, when presented for payment the bill for drilling
 All formations and known sands must be given by their proper name, with steel line measurements, and under the head of "Remarks" must be recorded in what sand and at what depth Oil, Gas or Water was found, the quantity of same, the quality of the sand, and thickness of pay.
 Make no memoranda of boiler and engine if owned by contractor.

The Manufacturers Light & Heat Company

ABO

Division Sedalia, Div # 5.

248 Fourth Ave., Pittsburgh, Pa.

Record of Well No. 3169

on Josephine Boyce

Farm 15

Acres

Sedalia, W. Va. Field

McClellan

Dist. Township

Loddridge

County W. Va. State

Rig Commenced 192

Completed

192

Drilling Commenced May 3rd, 1929

Completed May 29th,

1929

Cost per Foot

Contractor Harry Moore

Address Hundred, W. Va.

Drillers' Names Cecil Gaines J. J. Spellacy E. B. Seese & S. G. Dugman.

BOILER			ENGINE			RIG			
H. P.	No.	Name of Maker	H. P.	No.	Name of Maker	New	Old	Height	Name of Builder

CONDUCTOR AND CASING USED IN DRILLING										
Conductor	13 inch	10 inch	8 1/2 inch	6 3/4 inch	6 1/2 inch	5 3/4 inch	5 1/2 inch	5 inch	4 inch	

CONDUCTOR AND CASING LEFT IN WELL										
Conductor	13 inch	10 inch	8 1/2 inch	6 3/4 inch	6 1/2 inch	5 3/4 inch	5 1/2 inch	5 inch	4 inch	3 inch
16		306'-0"	1185'-0"	1951'-0"						

OIL WELL					GAS WELL					
When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Tanks	Size of Packer	Depth Set	Packed with	1st Minute Pressure	Rock P.

FORMATION	Top	Bottom	Thickness	REMARKS
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April 17th, 1929. - Drilled Deeper with Company Tools. Completed May 29th, 1929.

Slate gray soft	2101 1/2	2124	22 1/2	
Lime white hard	2124	2135	13 1/2	
Slate & Shells gray	2135	2145	10	
Squaw white hard	2145	2196	5	
Slate gray soft	2195	2250	50	
Lime white hard	2250	2265	55	
Gantz Sand white hard	2265	2405	15	
Slate black soft	2205	2240	140	
Lime white hard	2240	2270	35	
Slate gray soft	2270	2300	30	
Lime gray hard	2300	2330	30	
Slate & Shells dark	2330	2360	30	
Slate black soft	2360	2500	30	
Fifty Foot white hard	2500	2522	140	
Slate & Shells gray	2522	2535	22	
Sand white hard	2535	2565	13	
Slate black soft	2565	2580	30	
Lime white hard	2580	2600	15	
Slate dark soft	2600	2645	20	
Thirty Foot white hard	2654	2680	45	
Gas	2660	2663	Test 8/10 water in 2" Opg.	
Slate gray soft	2680	2715	26	
Stray white hard	2714	2720	35	
Reduced Hole	2715			
Slate black soft	2720	2739	6	
Gordon white hard	2739	2759	19	
Gas at	2742	2745	Test 24/10" Water in 2" Opg.	
Slate black soft	2759	2788	20	
Fourth Sand white hard	2768	2778	9	
Slate black soft	2778	2782	3	
Lime white hard	2782	2795	10	
Slate black soft	2794	2802	13	
Gretty Lime white hard	2802	2826	24	
Slate & Shells gray	2826	2858	32	
Total Depth	2858			

126000 cu ft

APPROVED BY HARRY MOORE

Harry Moore

20/10" Water in 2" Opg. Steel Line Measurement.

Minute Pressure - 1/2# 2/5# 3/8# 4/11# 5/12# 1 - Hour 56 Pounds.

017-2177

Examined above information and measurements and found to be correct by Harry Moore Contractor. Examined and approved by Superintendent of Co. NOTE: The above blank should be filled out carefully by the Contractor, with a complete and accurate record of the Well, and accompany, when presented for payment the bill for drilling. All formations and known sands must be given by their proper name, with steel line measurements, and under the head of "Remarks" must be recorded in what sand and at what depth Oil, Gas or Water was found, the quantity of same, the quality of the sand, and thickness of pay.