

PRESENT DEPTH 1995'

Storage

Company	THE MANUFACTURERS LIGHT & HEAT CO
Address	800 UNION TRUST BLDG PITTSBURGH PA
Farm	J.H & LUCY TEAGARDEN
Tract	_____ Acres 100 _____ Lease No. 6537
Well (Farm) No.	2 _____ Serial No. 3086
Elevation (Spirit Level)	1100'±
Quadrangle	LITTLETON <i>nc</i>
County	MARSHALL _____ District LIBERTY
Engineer	W.E. KAYE
Engineer's Registration No.	_____
File No.	_____ Drawing No. Y-7-791
Date	AUG 31 1937 _____ Scale 1"=660'

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON

WELL LOCATION MAP

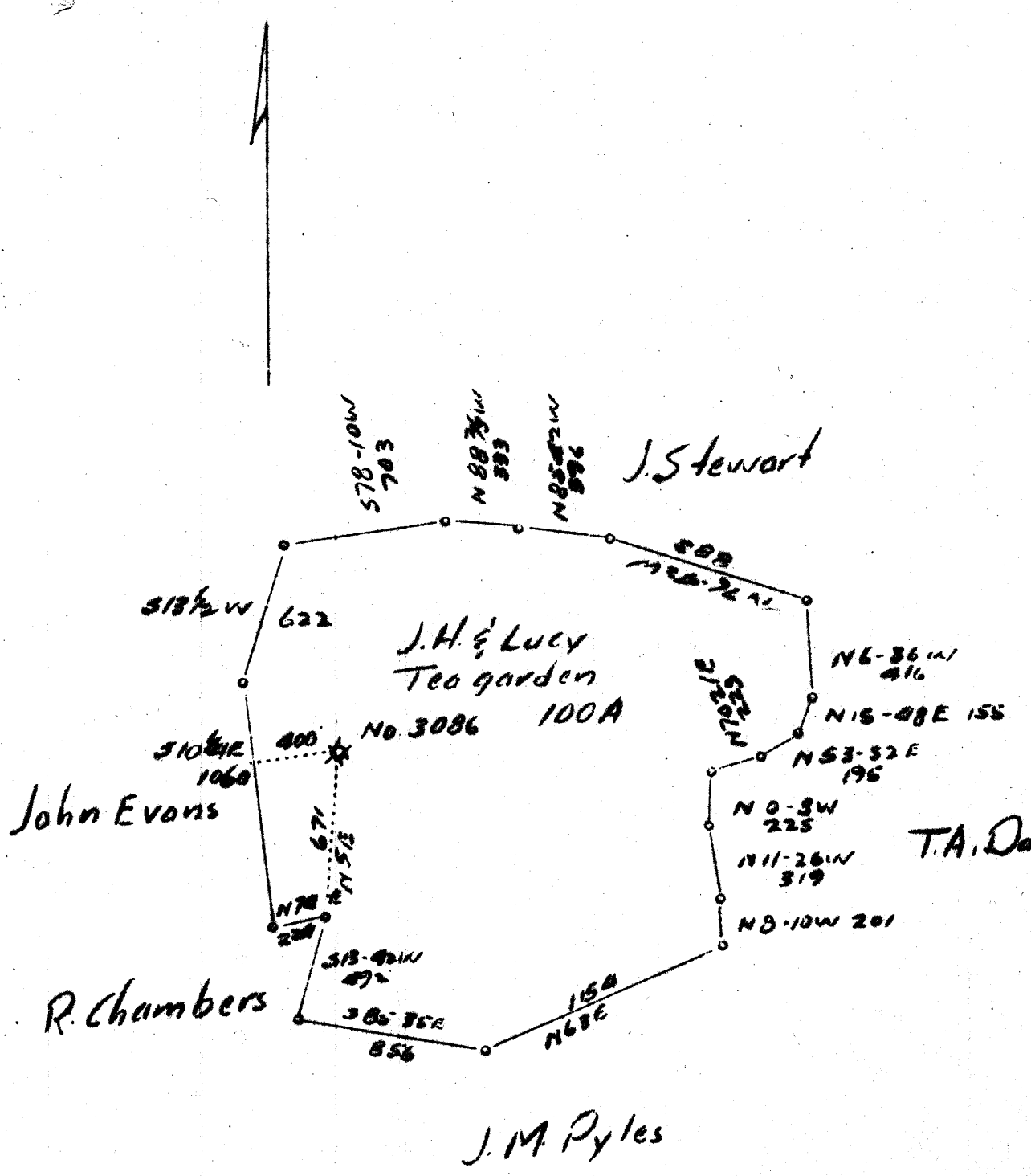
FILE NO. MARS-88-Redrill

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

LATITUDE 39° 45'

LONGITUDE 80° 35'



Present Depth 1995
 Drill Deeper

add. Nov. 43 0.4 & 6.88 W

Company	The Manufacturers Light & Heat Co.
Address	800 Union Trust Bldg., Pittsburgh Pa.
Farm	J.H. Lucy Teagarden
Tract	Acres 100 Lease No. 6537
Well (Farm) No.	2 Serial No. 3086
Elevation (Spirit Level)	1100
Quadrangle	Littleton <i>(MC)</i>
County	Marshall District Liberty
Engineer	W.E. Kave
Engineer's Registration No.	
File No.	Drawing No. Y-7-791
Date	Aug. 31, 1937 Scale 1"=660'

STATE OF WEST VIRGINIA
 Department of Mines
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 File No. **MARS-88D**

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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Littleton

Permit No. Mar-88-Redrill

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company The Manufacturers Light & Heat Company
Address 800 Union Trust Building, Pittsburgh 19,
Farm J. H. & Lucy Teagarden Acres _____
Location (waters) _____
Well No. 3086 Elev. 1100'
District Liberty County Marshall
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced _____
Drilling completed July 5 1955
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water _____ feet _____ feet

Casing and Pa. Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10	<u>268'</u>	<u>to be left in well</u>	Size of
8 1/4			
6 1/2			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Clay, Slate, Lime			0	520			
Bluff Sand			520	565			
Waynesburg Coal			565	569			
Mapletown Coal			775	780			
Pittsburgh Coal			870	876			
Little Dunkard			1180	1280			
Big Dunkard			1378	1420			Well to be filled with cement
Gas Sand			1540	1570			
Salt Sand			1825	1875			
Maxom Sand			1880	1960			Gas at 1882-1904
Big Lime			1960	2035			Test 6/10 water opening.
Big Injun Sand			2035	2250			
Slate and Shells			2250	2285			



WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS DIVISION

W E L L R E C O R D

Permit No. Mars.88

Gas Well

Littleton Quad. 71e

DRILLED DEEPER

CASING & TUBING

Company	The Manf. Light & Heat Co.	6 5/8	1995'8"	1995'8"
Address	800 Union Trust Bldg., Pitts. Pa.			
Farm	J.H. & Lucy Teagarden Acres 100			
Location	Not given			
Well No.	2-3086			
District	Liberty			
Surface Address	Lucy S. Teagarden, 901 Jefferson Ave. Moundsville, W. Va.			
Mineral Address	The Manf. Light & Heat Co. Pittsburgh, Pa.			
Drilling (Deeper)	Sept. 9, 1937 Commenced			
	Sept. 29, 1937 Completed			
Open Flow	4/10ths W. 1"			
Rock Press.	147			

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Formation	Color	Hgt	Top	Base	Result	Formation	Color	Hgt	Top	Base	Result
Drilling Deeper from				1995							
Big Lime			1960	2035							
✓ Big Injun Sand			2035	2250							
Slate & Shells			2250	2415							
Lime (Gritty)			2415	2435							
Slate & Lime			2435	2691							
Pink Rock			2691	2694							
Slate & Shells			2694	2793							
✓ 50 Foot Sand			2793	2813							
Slate & Shells			2813	2852							
✓ Gordon Sand			2852	2869							
Slate & Lime			2869	2912							
✓ Fourth Sand			2912	2927	Gas						
Slate & Shells			2927	3000	2913-						
TOTAL DEPTH				3000	2914						

1960
100

2060
1100

960

3000
1995

1005