

Latitude

Longitude

+
 |
 1075
 |
 1.98w

Topo Location

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

Company Manufact Lt + Ht

Farm AL Evans # 3434

15' Quad _____
(sec.)

7.5' Quad Littleton

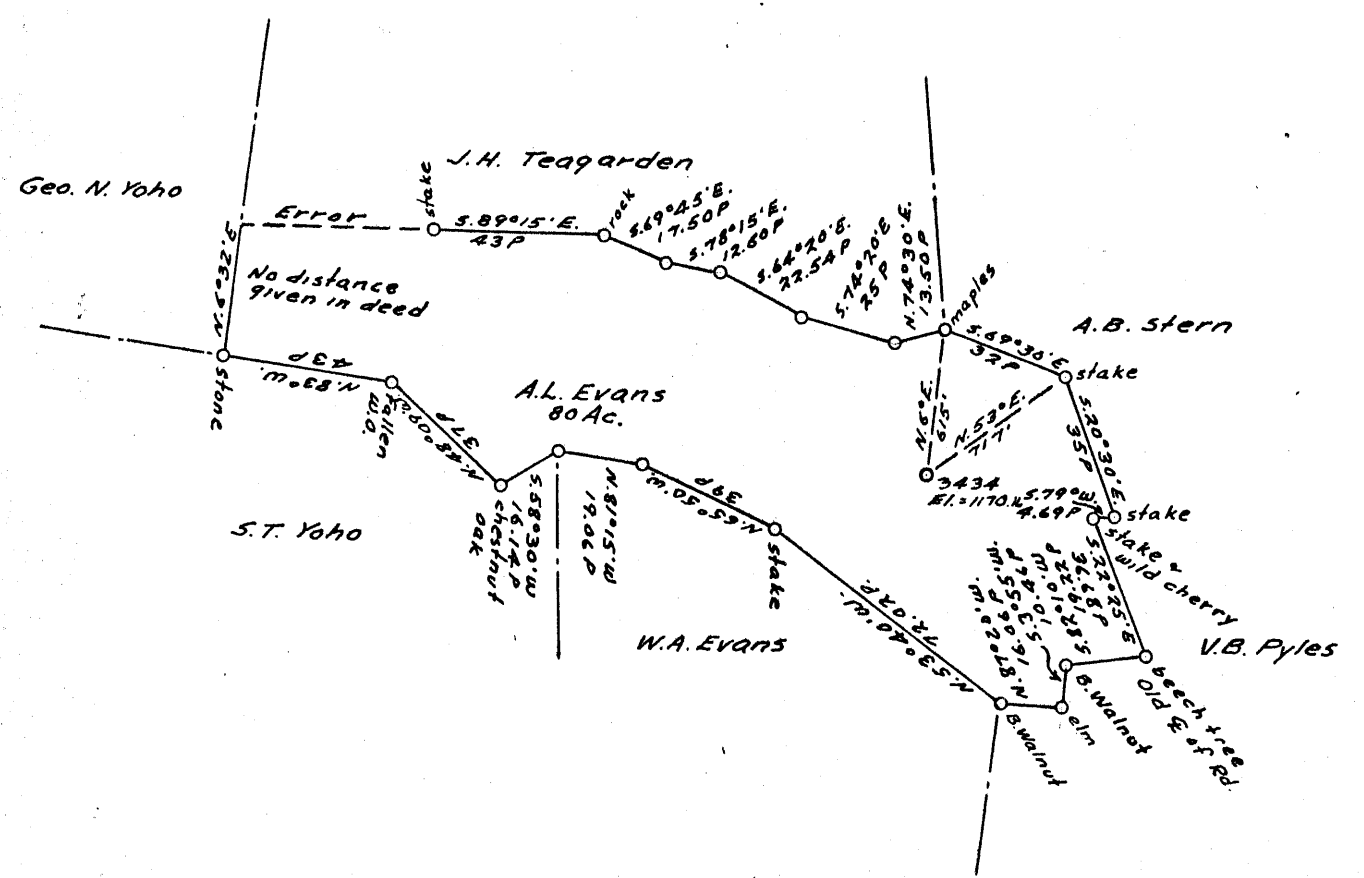
District Liberty

WELL LOCATION PLAT

County 051 Permit 19

LATITUDE 39 ° 45 ' + 1.06S
1.87W
1.88W

LONGITUDE 80 ° 35 '



COAL OWNED BY _____
Storage

NEW LOCATION.....

DRILL DEEPER.....

ABANDONMENT.....

COMPANY The Manufacturer Light & Heat Co.

ADDRESS 800 Union Trust Bldg. Pgh. Pa.

FARM A.L. EVANS

TRACT _____ ACRES 80 Ac LEASE NO. 5443

WELL (FARM) NO. 1 SERIAL NO. 3434

ELEVATION (SPIRIT LEVEL) 1170.18'

QUADRANGLE Littleton - NC

COUNTY Marshall DISTRICT Liberty

ENGINEER Thomas E. Virgin - J.M.

ENGINEER'S REGISTRATION NO. 1503

FILE NO. _____ DRAWING NO. V-15-100

DATE 13 Sept. 54 SCALE 1" = 800'

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

WELL LOCATION MAP

FILE NO. MARS-19-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.

Liberty District, Marshall County, W. Va.
 The Manufacturers Light & Heat Co., 800 Union Trust Bldg.,
 Pittsburgh, Pa.

On 80 acres, surface owned by George N. Yoho, Cameron, W. Va., and
 mineral rights by ML&H Co., Pittsburgh, Pa.

Drilled under permit issued March 27, 1930.

Elevation, 1180'.

1 1/2" conductor, 16'; 10" casing, 506' 9"; 8" casing, 1439' 1";
 6-5/8" casing, 2047' 4"; 4" tubing, 2087' 9".

Anchor packer, 4 x 6-5/8, set at 2055'.

4" tubing perforated at 2060' 6" to 2060' 10".

Coal was encountered at 584-588, 800-806, and 890-896'.

No liners used.

Completion reported to Dept. of Mines June 11, 1930.

Well was not shot.

Fresh water at 165' and 890'; saltwater at 1804'.

Gas well.

MARS-19

	Top.	Bottom.
Clay, yellow, soft	0	20
Sand, white, hard	55	92
Sand, white, hard (water, 165')	143	187
Lime, white, hard	235	312
Red rock, soft	437	485
Lime, white, hard	485	532
Sand, white, hard	557	584
✓ Coal, black, soft	584	588
Lime, white, hard	646	800
✓ Mapletown Coal, black, soft	800	806
Lime, white, medium-hard	837	890
✓ Pittsburgh Coal, black, soft (water, 890')	890	896
Sand, white, hard	912	955
Murphy Sand, white, hard	997	1025
Sand, white, hard, Murphy	1010	1123
Red rock and slate, dark, soft	1123	1320
✓ Little Dunkard Sand, white, hard	1320	1360
✓ Big Dunkard Sand, light, hard	1410	1457
✓ Gas Sand, white, hard	1535	1600
Lime, white, hard	1608	1665
✓ First Salt Sand, white, hard (water, 1804')	1784	1860
✓ Second Salt Sand, white, hard	1905	1917
Lime, white, hard	1917	1930
✓ Third Salt Sand, white, hard	1930	1945
Slate, dark, soft	1945	1951
✓ Maxton Sand, white, hard	1951	2005
✓ Big Lime, white, hard	2005	2045
✓ Big Injun Sand, light, hard (gas at 2073-2080')	2045	2081
Total depth		2081



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Littleton

Permit No. MARS-19-R

WELL RECORD

Oil or Gas Well Storage GAS
(KIND)

Company THE MANUFACTURERS LIGHT AND HEAT COMPANY
Address 800 Union Trust Building, Pgh. 19, Pa.
Farm A. L. Evans Acres 80
Location (waters) _____
Well No. 3434 Elev. 1170.16'
District Liberty County Marshall
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10"		507	Size of
8 1/2"		1443	
6 5/8" 7"		2034	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Drilling commenced August 2, 1954
Drilling completed November 6, 1954

Date Shot _____ From _____ To _____
With _____

Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch

Volume _____ Cu. Ft.

Rock Pressure 25 lbs. 7 Da. hrs.

Oil _____ bbls., 1st 24 hrs.

Fresh water _____ feet _____ feet

Salt water _____ feet _____ feet

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
Coal			584	588			507' of 10" casing (original pipe) left in hole
Mapletown Coal			800	806			Run 1012' of new 8 5/8" casing on 431' of oil.
Pittsburgh Coal			890	896			Tied together with a steel die nipple. Run 200 bags cement between 8" and 10", good return to surface. Run 2015' of new 23# 7" on 19' of old 6 5/8" casing. Tied together with a 6 5/8" M&F Drilling
Big Injun Sand			2000	2283			Took Die Nipple and a change thread (8 rd to 8V) nipple. Run 200 bags cement between 7" and 8" casing. Good return to surface. Used 200 bags cement in cave.
Total Depth				2312			
Filled with Stone			2276	2312			
Set Lead Plug				2276			
1 bag cement on top of plug							
Operating Depth				2271			
TOTAL DEPTH				2271			

