

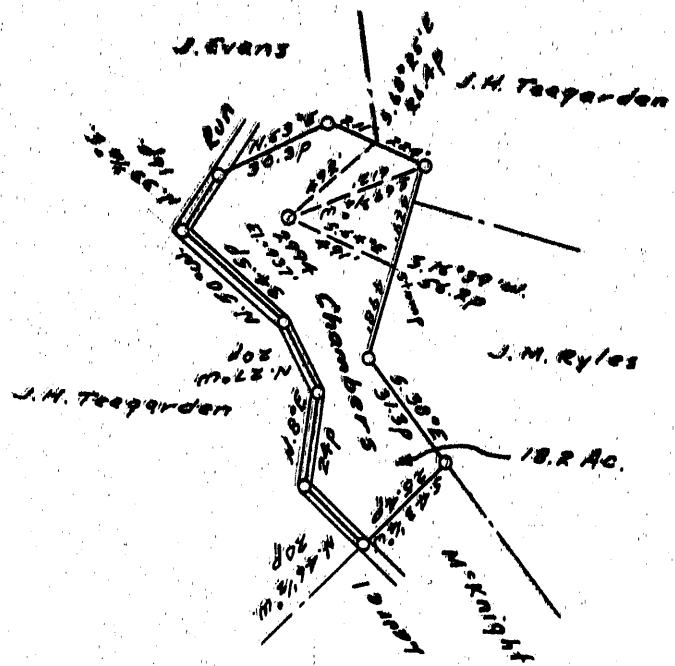
0 1 2 3 LATITUDE 39 ° 15 ' 1

-1

-2

-3

LONGITUDE 80 ° 35 ' 1



0.645
~~5.115~~
 1.93W

COAL OWNED BY _____
 Storage x

NEW LOCATION.....

DRILL DEEPER.....

ABANDONMENT..... PARTIAL

COMPANY The Manufacturers Light & Heat Co.

ADDRESS 800 Union Trust Bldg. Pgh. Pa.

FARM Phillip F. I. P. Chambers

TRACT 1 ACRES 20 LEASE No. 5479

WELL (FARM) No. 1 SERIAL No. 2994

ELEVATION (SPIRIT LEVEL) 937'

QUADRANGLE Littleton

COUNTY Marshall DISTRICT Liberty

ENGINEER Robert M. Hall

ENGINEER'S REGISTRATION No. 364-E

FILE No. _____ DRAWING No. Y-13-975

DATE Apr. 21, 1954 SCALE 1" = 800'

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

WELL LOCATION MAP

FILE No. MARS-363-A

+ 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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

418

WELL RECORD

Permit No. 363-A Oil or Gas Well Gas (KIND)

Company THE MANUFACTURERS LIGHT AND HEAT COMPANY
Address 800 Union Trust Building, Pgh., Penna.
Farm Phillip Chambers Acres 28
Location (waters) J.P.
Well No. 2994 Elev. 937'
District Liberty County Marshall
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced April 21, 1925
Drilling completed May 18, 1925
Date Shot _____ From _____ To _____
With _____

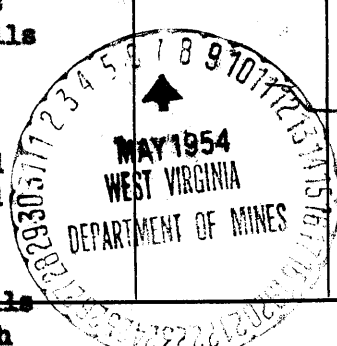
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10	<u>219'3"</u>	<u>219'3"</u>	Size of <u>6-5/8 x 4"</u>
8 1/4	<u>1095'1"</u>	<u>1095'1"</u>	
6 1/2	<u>1739'08"</u>	<u>1739'08"</u>	Depth set <u>2587</u>
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume 393,000 (Drilled Deeper) Cu. Ft.
37 (17 1/2 lbs. Drilled Deeper) hrs.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water _____ feet _____ feet

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

COAL WAS ENCOUNTERED AT 110 FEET _____ INCHES
317 FEET _____ INCHES 530 FEET _____ INCHES
623 FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Soil, Clay, Slate, Lime			0	110	3 bailers water per hr.		at 45 ft.
Native Coal			110	112	Hole full water		
Bluff Sand			265	317			
Waynesburg Coal			317	321	Show of gas		
Mapletown Coal			530	534	Show of gas		
Pittsburgh Coal			623	630	Steel line		
Red Rock			910	935			
Shale			992	1010	Little gas	1004	
Lime			1085	1100			
Esmond Salt Sand			1523	1532	Gas	1525 to 1530, test	42/10 water in 2" opening.
Lime, Shells & Slate			1585	1620	Gas	1629 - 1637	
Maxon Sand			1620	1643	Open flow test of Salt and Maxon sands combined	67/10 water 4" opening.	
Total Depth			1643				
DRILLED DEEPER							
Drilling Commenced February 1, 1931 -- Completed April 3, 1931							
Drilling Deeper from 1643 ft.							
Lime Shells			1643	1710	Break in Injun Sand at 1807 to 1857		
Pencil Cave Sand			1710	1720	Pay gas in Gordon Sand at 2615. Test		
Big Lime			1720	1738	68/10 water in 2" opening 400,000 cu.ft.		
Big Injun Sand			1738	1783	1739'08" 6-5/8" casing put in well		
Slate			2025	2025	April 9, 1931 well packed in 50 ft sand		
Sand Shells			2123	2123	with 1-6-5/8 x 4" O.W.S. Anchor packer		
Lime & Shells			2154	2154	set at 2587 ft. Anchor	134'01" - 6 ft	
Slate			2270	2270	Above packer	2606'03" -121"	
Lime Shells			2320	2320		2740'05" -127"	
30 ft. shells			2380	2435	First cage on top of 1st. jt. second cage		
Slate			2435	2460	on top of 5th jt. packer on top of 6th jt.		
Pink Rock			2460	2505	Shut in test 1 mi. 2 mi. 3 mi. 4 mi. 5 mi.		
Slate			2505	2555	9 18 27 36 45		
50 ft. sand			2555	2590	Rock for 30 min. 17 1/2 Well shut in at		
Gordon Sand			2612	2631	1:30 P.M.		
Slate			2631	2645			
4th Sand			2645	2650			
Lime & Shells			2650	2724			
Total Depth			2724				



(Over)

NOV 12 1954

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks

Date May 6, 19 54

APPROVED THE MANUFACTURERS LIGHT AND HEAT CO., Owner

By Paul Forward
 (Title)
ASST. LAND AGENT