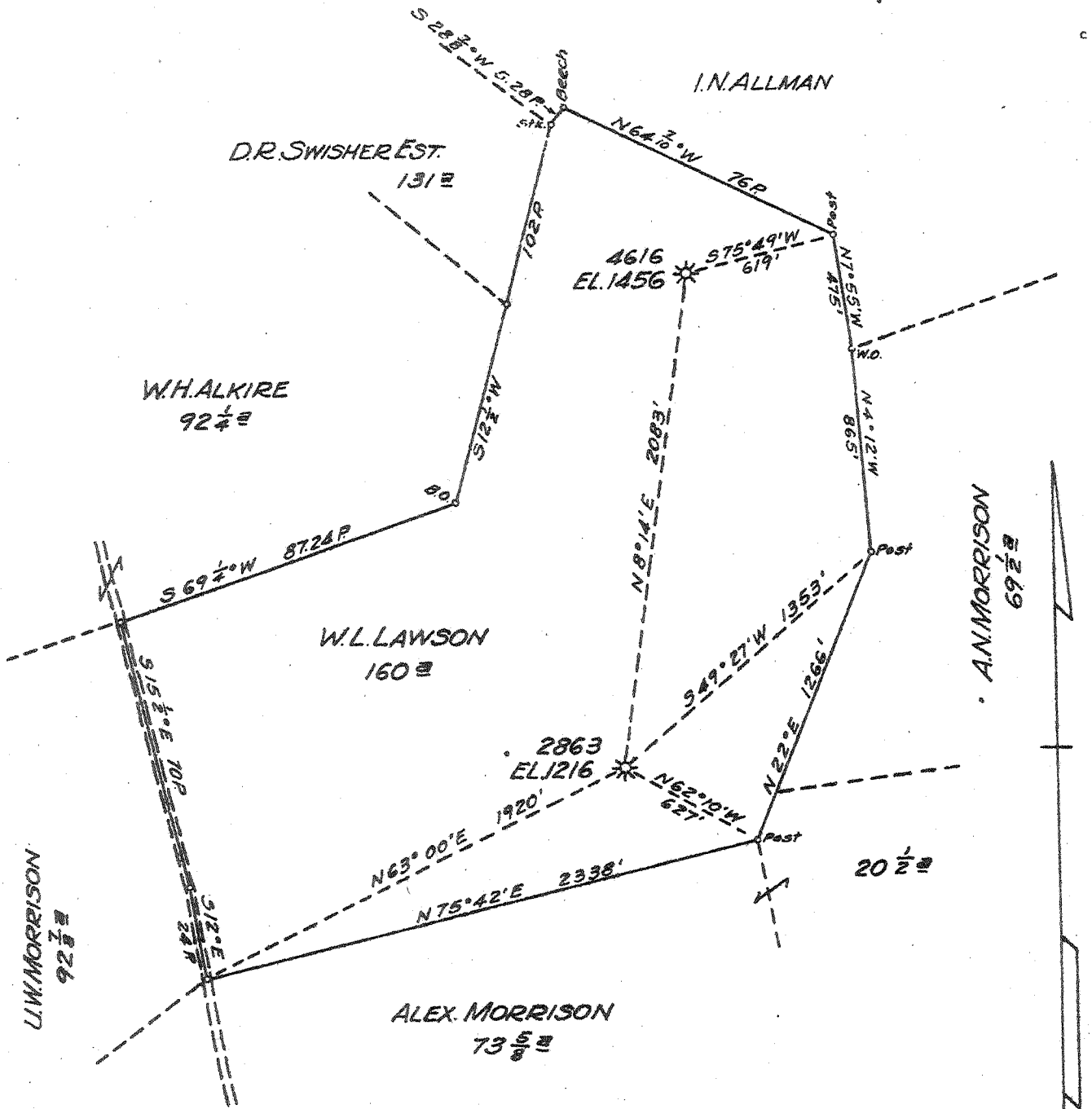


Latitude 37 05

1.20 S
1.38 W

Longitude 80 20



New Location...
 Drill Deeper...
 Abandonment... (4616)

Map Sheet 57 Squares S27E13 F.B. 541 P36

Company HOPE NATURAL GAS CO.
 Address CLARKSBURG, W. VA.
 Farm W.L. LAWSON
 Tract _____ Acres 160 Lease No. 24224
 Well (Farm) No. _____ Serial No. 2863-4616
 Elevation (Spirit Level) 1216 - 1456
 Quadrangle WESTON
 County LEWIS District HACKERS CREEK
 Engineer W.M. Bowler
 Engineer's Registration No. 906
 File No. _____ Drawing No. _____
 Date JUNE 11, 1945 Scale 1" = 40P

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

WELL LOCATION MAP
 FILE NO. LEW-296-A - # 4616

+ 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

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WELL RECORD

Permit No. 296A Oil or Gas Well (KIND)

Company Hope Natural Gas Company.
 Address 445 West Main St. Clarksburg, W. Va.
 Farm W.L. Lawson Acres 100
 Location (waters) _____
 Well No. 4616 Elev. 1456
 District Hackers Creek County Lewis
 The surface of tract is owned in fee by _____
 Address _____
 Mineral rights are owned by _____
 Address _____
 Drilling commenced January 8, 1917
 Drilling completed March 3, 1917
 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 145 214 feet _____ feet
 Salt water 2217 feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10	208	Pulled	Size of
8 1/4	1010	Pulled	
6 5/8	1821	1821	Depth set
5 3/16	2485	2485	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Not cemented
 CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
 COAL WAS ENCOUNTERED AT 114 FEET 60 INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Native coal			114	119	water 145-	214	
Little Dunkard			663	680			
Big Dunkard			696	732			
Gas sand			885	948			
First Salt			1070	1110			
Second Salt			1127	1200			
Little lime			1700	1728			
pencil cave			1728	1741			
BIG Lime			1741.4	1810			
Big Injun			1810	1926	gas	1904	
Squaw			1940	1992	gas	2076	
Gantz			2085	2137			
Fifty foot			2152	2339			
Thirty Foot			2270	2300			
Gordon stray			2460	2469			
Gordon			2472	2506			
Fourth			2576	2584			
Fifth			2619	2634	gas	2621 - 2631	
Bayard			2724	2732			
Total depth				2763			

