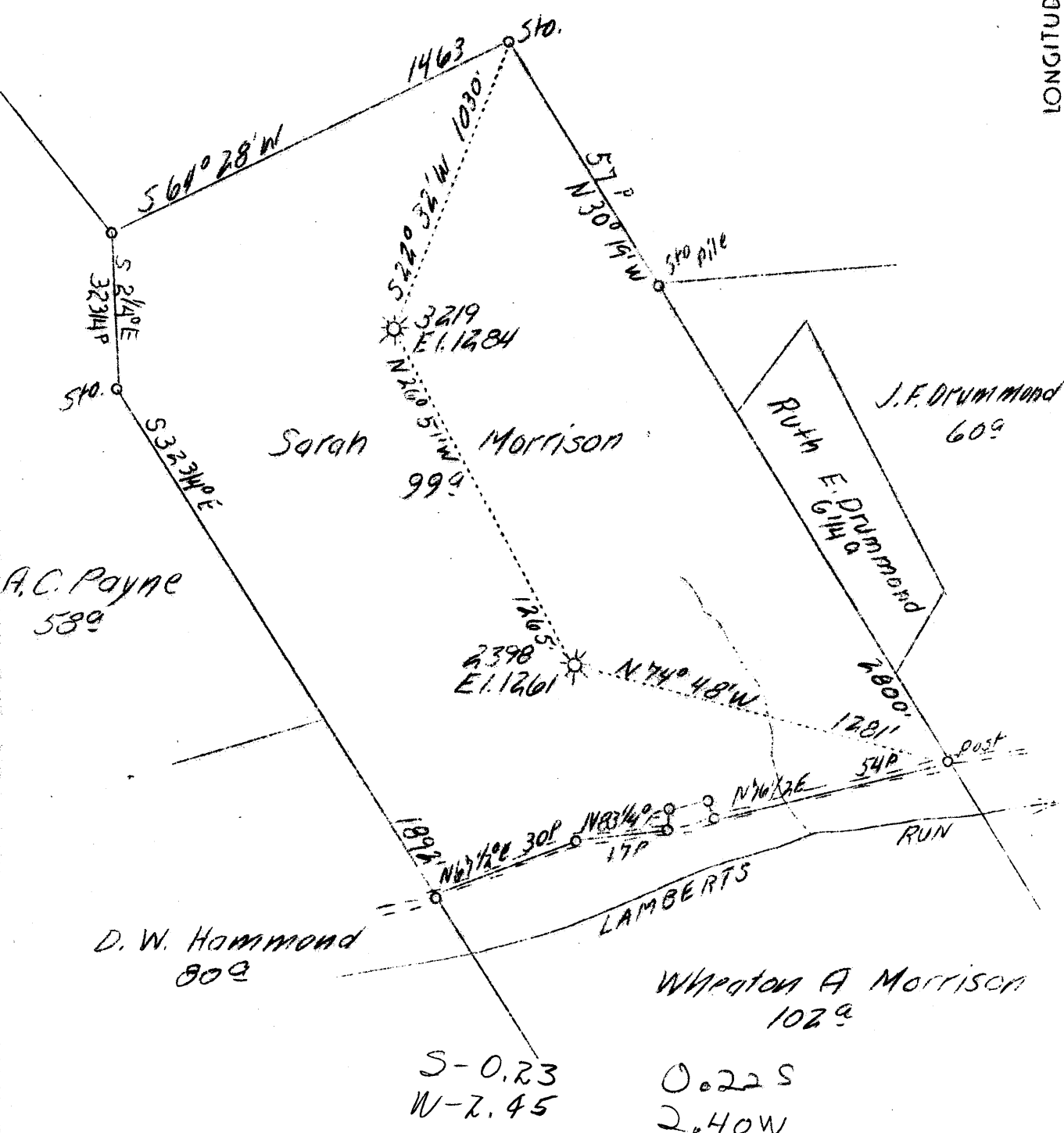


LATITUDE 39° 20'
(2398)

LONGITUDE 80° 20'

Effie L. Swiger
186' 45" @



ABD. 2398

F.B. 513 P 35 - F.B. 615 P 8

Company	Hope Natural Gas Co.
Address	Clarksburg, W. Va.
Farm	Sarah J. Morrison
Acres	100
Well (Farm) No.	-
Serial No.	2398-3219
Elevation (SL)	1261 - 1284
Quadrangle	SW Clarksburg
County	Harrison
District	Eagle
Engineer	W. M. Bowers
Eng. Reg. No.	900
Date	July 21, 1939
Scale	1" = 500'

STATE OF WEST VIRGINIA
Department of Mines
OIL & GAS DIVISION
Charleston

WELL LOCATION MAP
File No. HAI-504-A

x Denotes location of well on U. S. 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

407

WELL RECORD

Permit No. 504-A
Clarksburg, W. Va.

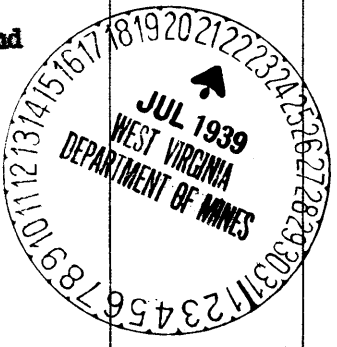
Oil or Gas Well Gas
(Kind)

Company Hope Natural Gas Company
 Address Clarksburg, W. Va.
 Farm Sarah J. Morrison Acres 100
 Location (waters) Lamberts Run
 Well No. 2398 Elev. 1261
 District Eagle County Harrison
 The surface of tract is owned in fee by Ida Morrison et al.
R #3. Address Clarksburg, W. Va.
 Mineral rights are owned by _____
 Address _____
 Drilling commenced 1-22-1912
 Drilling completed 3-19-1912. Deeper 5-21-1926
 Date shot 5-5-1926 Depth of shot 3229-3236
 Open Flow /10ths Water in _____ Inch
 /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock Pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water None recorded feet _____ feet
 Salt water None recorded feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10	192	192	Size of
8 1/4	1120	Pulled	
6 5/8	1575	1575	Depth set
5 3/16	2644	2644	
3			Perf. top
2	3279	Pulled	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 10" SIZE 100 to 192 No. FT-1-1912 Date
10" cemented through coal.
 COAL WAS ENCOUNTERED AT 140 FEET 120 INCHES
 FEET INCHES FEET INCHES
 FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Pittsburgh Coal			140	150			
Little Dunkard Sand			450				
Big Dunkard Sand				775			
Gas Sand			800	880			
First Salt Sand			900				
Second Salt Sand				1120			
Maxon Sand			1402	1432			
Big Lime			1497	1570			
Big Injun Sand			1570	1690	Gas	1590	
Squaw Sand			1705	1718			
Gantz Sand			2005	2050			
Fifty Foot Sand			2080	2170	Gas	2103	
Thirty Foot Sand			2188	2220			
Gordon Stray Sand			2324	2354			
Gordon Sand			2362	2400	Gas	2397	
Fourth Sand			2412	2452			
Fifth Sand			2543	2558	Gas	2545	
Speechley Sand			3228	3237	Gas	3229-3231	
Total Depth				3264			



AUG 24 1939

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

Date July 21,, 19 39

APPROVED Hope Natural Gas Company, Owner

By A. A. Reed, General Supt.
 (Title) on

