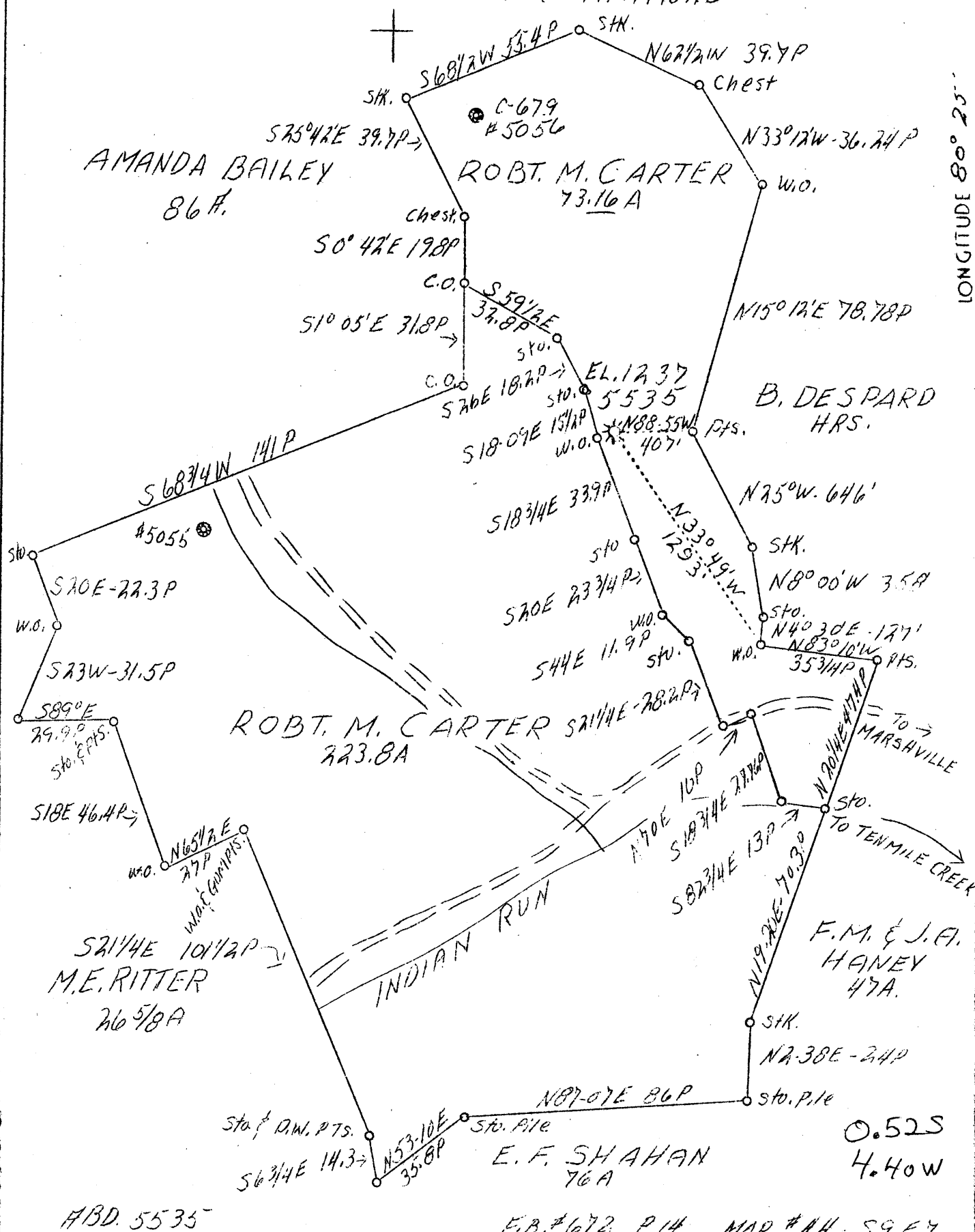


LATITUDE 39° 20'

LUTHER HAYMOND

LONGITUDE 80° 25'



ABD. 5535

F.B. #672 P14 MAP #44-59E7

Company	Hope Natural Gas Co.
Address	Clarksburg, W.Va.
Farm	R.M. Carter
Acres	300
Lease No.	34340
Serial No.	5535
Enc(S. L.)	1237
Quadrangle	Clarksburg SW
County	Harrison
District	Ten Mile
Eng.	W.M. Bowers
Eng. Reg. No.	900
Date	4/17/39
Scale	1" - 40 Poles

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

WELL LOCATION MAP

File No. Har-478-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

384

WELL RECORD

Ab 478-A
Permit No. _____

Oil or Gas Well Gas
(Kind)

Company Hops Natural Gas Company
Address Clarksburg, W. Va.
Farm R. M. Carter Acres 300
Location (waters) Ten Mile Creek
Well No. 5535 Elev. 1237
District Ten Mile County Harrison
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced 8-14-1919
Drilling completed 3- 2-1920
Date shot Not shot Depth of shot _____
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 1665 feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10	336	336	Size of
8 1/4			
6 5/8	2107	2107	Depth set
5 3/16	2198	2198	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
Not cemented
COAL WAS ENCOUNTERED AT 209 FEET 60 INCHES
746 FEET 72 INCHES 784 FEET 96 INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Coal			209	214			
Coal			746	752			
Pgh Coal			784	792			
Little Dunkard Sand			1120	1160			
Big Dunkard Sand			1215	1332			
Gas Sand			1352	1425			
First Salt Sand			1448	1608			
Second Salt Sand			1630	1796	Water	1665	
Third Salt Sand			1935	1950			
Maxon Sand			1984	2044			
Little Lime			2060	2065			
Big Lime			2074	2128			
Big Injun Sand			2128	2203	Gas	2158-2174	
Fifty Foot Sand			2669	2704	Gas	2671-2685	
Gordon Stray Sand			2809	2838			
Gordon Sand			2843	2920	show oil	2881	

Original total depth 2922-filled and plugged to 2843.



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

Date April 12, 1939

APPROVED Hope Natural Gas Company, Owner

By [Signature] General Supt.
(Title)