

LATITUDE 39° 40'

LONGITUDE 80° 05'

1
2
3

SILAS ARNETT

C. C. MICHAEL

M. J. LYNCH

C. C. MICHAEL
44 A

GLASSCOCK & MICHAEL

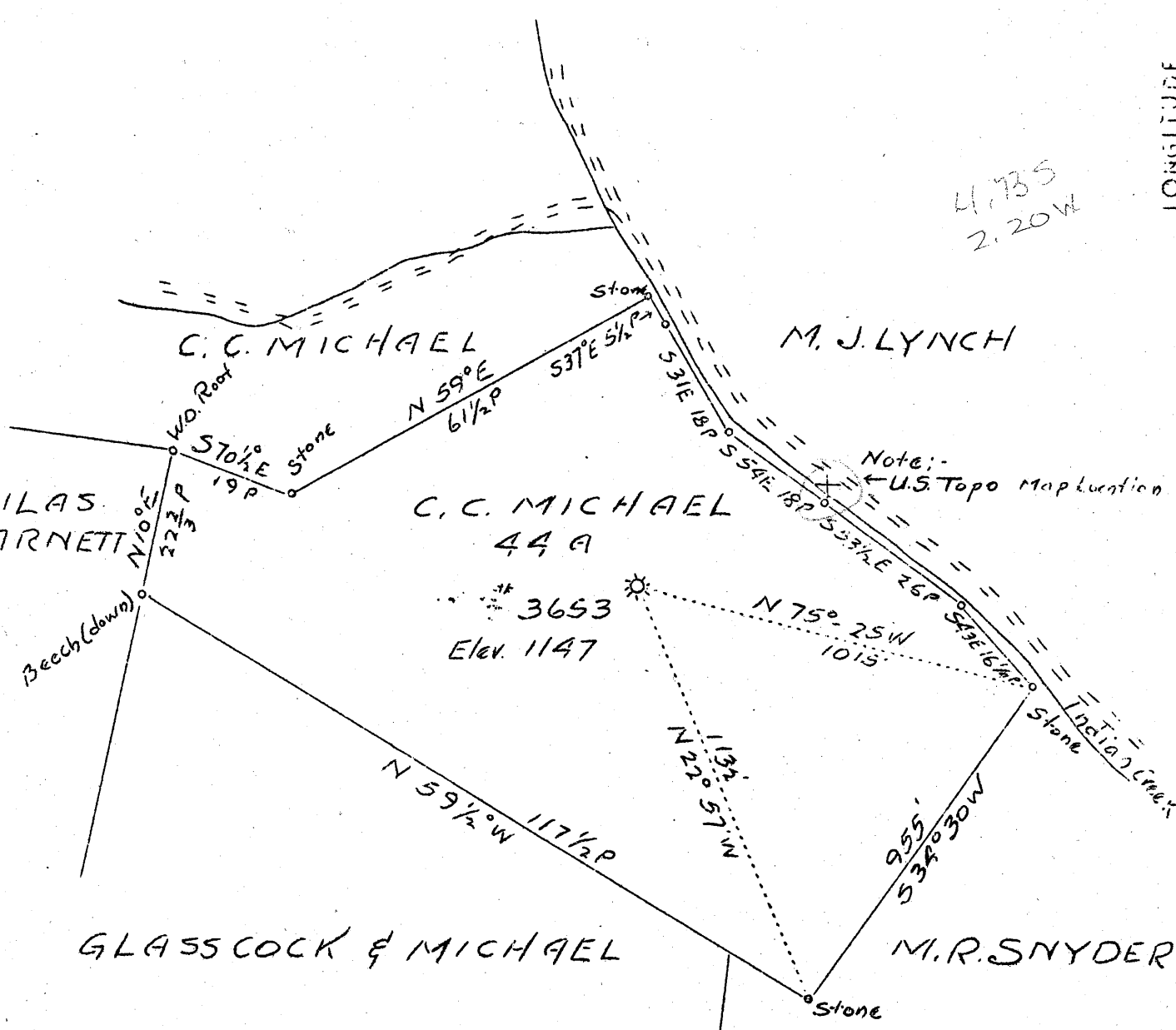
M. R. SNYDER

3653
Elev. 1147

4.725
2.18W

4.735
2.20W

2.2 W
4.8



FB# 556 P32-33

Company	Hope Natural Gas Co.
Address	Clarksburg, W. Va.
Farm	C. C. Michael
Tract	1 acres 44 Lease No.-
Well (Farm) No.	1 Serial No. 3653
Elevation ("pirit Level)	El. 1147
Quadrangle	Blacksville
County	Monongalia District- Gr nt
Engineer	S/ H. Bradley
Engineer's Registration No.	135
File No.	Drawing No.
Date	12-9-36 Scale 1" - 400'

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

WELL LOCATION MAP

File No MON-149 A

+ 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 of original tracing.

Grant District, Monongalia County, W. Va.
 By Hope Natural Gas Co., Clarksburg, W. Va.
 On 45 acres, on Indian Creek.
 Elevation, 1147' l.
 Drilling commenced 1914; completed, 1914.
 Well was not shot.
 No water recorded.
 6" casing, 1769'; 3" tubing, 1800' (pulled).
 Casing not cemented.
 Coal was encountered at 439-448'.
 Gas well. Abandonment reported to Dept. of Mines Dec. 10, 1936.
 Record to RCT from D. G. Courtney (Dept. of Mines) 5-5-37.

	Top.	Bottom.
Pittsburgh Coal	439	- 448
Sand	505	- 530
Sand	680	- 735
Red rock	765	- 795
Little Dunkard Sand	795	- 837
Big Dunkard Sand (show gas, 923-937')	917	- 937
Sand	1035	- 1100
Gas Sand	1113	- 1158
Black slate	1158	- 1260
First Salt Sand	1260	- 1284
Second Salt Sand	1295	- 1334
Third Salt Sand	1383	- 1451
Black slate	1451	- 1470
Lime	1470	- 1480
Sand	1480	- 1518
Sand and lime	1585	- 1640
Maxton Sand	1709	- 1724
Pencil Cove	1724	- 1732
Big Lime	1732	- 1797
Big Injun Sand (gas, 1817, 1877, 1897')	1797	- 1925
Present total depth		1906

WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS DIVISION

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WELL RECORD

Permit No. MON-149-A

Oil or Gas Well Gas
(Kind)

Company Hope Natural Gas Company
 Address Clarksburg, W. Va.,
 Farm C. C. Michael Acres 45
 Location (waters) Indian Creek
 Well No. 3653 Elev. 1147
 District Grant County Monongalia
 The surface of tract is owned in fee by _____
 Address _____
 Mineral rights are owned by _____
 Address _____
 Drilling commenced 1914
 Drilling completed 1914
 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 None recorded feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10			Size of
8 1/4			
6 5/8	1769	1769	Depth set
5 3/16			
3	1800	None	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Not cemented

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____

COAL WAS ENCOUNTERED AT 439 FEET 108 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--			439	448			
Sand			545	580			
Sand			680	735			
Red Rock			765	795			
Little Dunkard Sand			795	837			
Big Dunkard Sand			917	937	Show Gas	922-937	
Sand			1035	1100			
Gas Sand			1113	1158			
Black slate			1158	1260			
First Salt Sand			1260	1284			
Second Salt Sand			1295	1334			
Third Salt Sand			1383	1451			
Black Slate			1451	1470			
Lime			1470	1480			
Sand			1480	1518			
Sand & Lime			1585	1640			
Maxon Sand			1709	1724			
Pencil Cave			1724	1732			
Big Lime			1732	1797			
Big Injun Sand			1797	1925	Gas	1817-1877-1897	
Present total depth -----				1906			

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

Date..... December 10, 1936. , 19.....

APPROVED..... Hope Natural Gas Company , Owner

By..... *W. H. Reed*
 (Title) Asst. General Supt.