

Latitude 39° 40'

Longitude 80° 05'

2.245
109 W

THORNTON MILLER

L. & D.E.
LEMLEY

1998

Sugar 587°E 94R

NEWT MICHAEL
81 AC

N 62°E 14R. W.O.

N 31½°E 10R Hy.

Dead W.O. N 80°W 51½R

N 20°W 6R

1998 EL. 1325'

576°45'W 920'

N 65°51'W 1102'

Post 53°E 29½R

53°E 29½R

59°26'E 671'

564°W 26R

564°W 26R

ALPHEUS MORRIS
175 AC

J. N. MICHAEL
105½ AC

111 W
7.3 R

New Location...
Drill Deeper.....
Abandonment..... 1998

JUN 13 1955

Map Sh. 16; N-12, E-29; F.B. 1127, R. 24.

Company HOPE NATURAL GAS CO.
 Address CLARKSBURG, W. VA.
 Farm NEWT MICHAEL
 Tract _____ Acres 81 Lease No. 2893
 Well (Farm) No. _____ Serial No. 1998
 Elevation (Spirit Level) 1325'
 Quadrangle BLACKSVILLE
 County MONONGALIA District GRANT
 Engineer Guy H. Bradley
 Engineer's Registration No. 2425
 File No. _____ Drawing No. _____
 Date MAY 17, 1955 Scale 1" = 30R

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

WELL LOCATION MAP
 FILE NO. MON-588-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.

uses 061-7038
300 - 6 RAC

NEWT MICHAEL No. 1998 - HOPE N.G. Co., - MON-588-A



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

636

Quadrangle Blacksville
Permit No. 5887A

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Hope Natural Gas Company
Address 445 West Main St., Clarksburg, W. Va.
Farm Newton Michael Acres 81
Location (waters) _____
Well No. 1998 Elev. 1060
District Grant County Monongalia
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced 10-18-10
Drilling completed 12-19-10
Date Shot 7-1-42 From 2067 To 2091
With 60 Qts,
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil None bbls., 1st 24 hrs.
Fresh water Fresh 692 feet _____ feet
Salt water None feet _____ feet

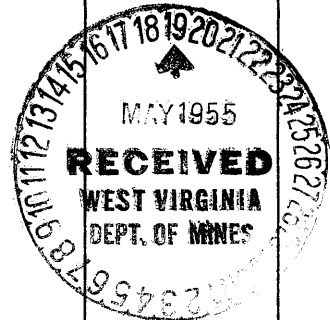
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	<u>243'</u>	<u>243</u>	Size of
8 1/4			
6 5/8	<u>1927</u>	<u>1927</u>	Depth set
5 3/16	1927	1927	
3			Perf. top
2	<u>1958'</u>	<u>1958</u>	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

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

No Record of Cementing

COAL WAS ENCOUNTERED AT 744 FEET 72 INCHES
684 FEET 96 INCHES FEET INCHES
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Surface			0	20			
Coal			<u>744</u>	<u>750</u>			
Pgh Coal			<u>684</u>	<u>692</u>	<u>Water</u>	<u>692</u>	
Little Dunkard			<u>1190</u>	<u>1220</u>			
Big Dunkard 2			<u>1290</u>	<u>1320</u>			
Gas Sand			<u>1320</u>	<u>1380</u>			
1st Salt			<u>1410</u>	<u>1475</u>			
2nd Salt			<u>1610</u>	<u>1695</u>			
Red Rock			<u>1770</u>	<u>1879</u>			
Little Lime			<u>1879</u>	<u>1912</u>			
Pencil Cave			<u>1912</u>	<u>1917</u>			
BIG LIME			<u>1917</u>	<u>1990</u>			
BIG INJUN			<u>1990</u>	<u>2135</u>	<u>Gas</u>	<u>2067-87</u>	
Squaw			<u>2140</u>	<u>2205</u>			
Total Depth				<u>2166'</u> (2205)			



JUN 17 1955

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

Date May 12, 1955

APPROVED Hope Natural Gas Company, Owner

By _____ (Title)

Gailley