

1.775
0.78W

0.8W
1.8

OCT - 3 1944

MAP SHEET 27 SQ. N-7 E-24 F.B. 764 P. 21

New Location
Shall Deeper
 abandonment X

Company HOPE NATURAL GAS CO.
 Address CLARKSBURG W. VA.
 Name MALISSA J. BALLAH
 Acreage 20 Lease No. 20686
 Well (Farm No. _____ Serial No. 4050)
 Elevation (Spirit Level) 1009'
 Quadrangle BLACKSVILLE
 County MARION District PAW PAW
 Engineer W. M. Bowers
 Engineer's Registration No. 900
 File No. _____ Drawing No. _____
 Date 9-13-44 Scale 1" = 20 FEET

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

WELL LOCATION MAP
FILE NO. MAR-403-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.

MALISSA J. BALLAH No. 4050 - HOPE N.G.C., MAR-403-A 293



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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. 402A

Oil or Gas Well (KIND)

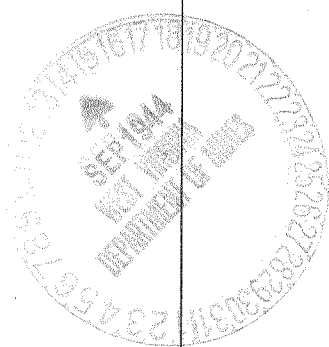
Company Hope Natural Gas Company.
 Address 445 West Main St. Clarksburg, W. Va.
 Farm M.J. Ballah Acres 28
 Location (waters) _____
 Well No. 4050 Elev. 1009'
 District Paw Paw County Marion
 The surface of tract is owned in fee by _____
 Address _____
 Mineral rights are owned by _____
 Address _____
 Drilling commenced January 11, 1916
 Drilling completed March 9, 1916
 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 none recorded feet _____ feet
 Salt water 1312 feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10	384	384	Size of
8 1/4	1328	Pulled	
6 5/8	1621	1621	Depth set
5 3/16	2554	Pulled	
3			Perf. top
2	1711	Pulled	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 10 SIZE 384 No. Ft. 1916 Date

COAL WAS ENCOUNTERED AT 200 FEET 36" INCHES
326 FEET 72 INCHES FEET INCHES
 FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Native coal			200	203			
Pittsburgh Coal			326	332			
Little Dunkard			740	780			
Big Dunkard			840	858			
Gas sand			992	1070			
First Salt			1145	1220			
Second Salt			1270	1325	water	1312	
Little Lime			1560	1573			
Pencil cave			1573	1575			
Big Lime			1575	1640			
Big Injun			1640	1740	gas	1736	
Total depth				1711			
Originally drilled to 2835- and filled back to 1711 in 1921							



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

Date September 12, 1944., 194

APPROVED Hope Natural Gas Company., Owner

By [Signature] Ass't. to Gen. Supt.
 (Title)