

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

APR. 13 1956
 Map Sh 16 N11 E 27 F.B. 518 A9.

Handwritten notes and calculations:
 4.6
 2158
 4135
 2173
 4.6

Company Hope Natural Gas Co
 Address Clarksburg, W.Va.
 Farm John J. Musgrave
 Tract _____ Acres 335 Lease No. 20638
 Well (Farm) No. _____ Serial No. As Shown
 Elevation (Spirit Level) As Shown
 Quadrangle Blacksville
 County Monongalia District Grant
 Engineer W.M. Bowers
 Engineer's Registration No. 900
 File No. _____ Drawing No. _____
 Date MARCH 9, 1956 Scale 1" = 50P

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

WELL LOCATION MAP
 FILE NO. MON-597-A# 2373

+ 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.

JOHN J. MUSGRAVE No. 2373 - HOPE N.G. Co. - MON-597-A



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

642

WELL RECORD

Quadrangle _____

Permit No. 5974

Other Gas Well _____ (KIND)

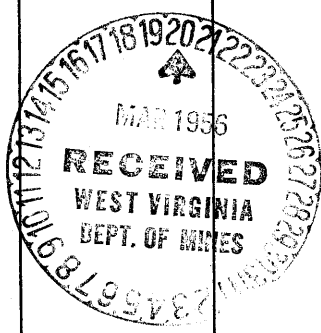
Company Hope Natural Gas Company
 Address Clarksburg, W. Va.
 Farm J. J. Musgrave Acres 335
 Location (waters) _____
 Well No. 2373 Elev. ? 1000 Plat
 District Grant County Monongalia
 The surface of tract is owned in fee by _____
 Address _____
 Mineral rights are owned by _____
 Address _____
 Drilling commenced 11-29-11
 Drilling completed 1-30-12
 Date Shot 9-25-55 From 2705 To 2727
 With 60 Qts.

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
13			
10	355	355	Size of
8 1/4	527	527	
6 5/8	1543	1543	Depth set
5 3/16	2457	2457	
3			Perf. top
2	2786	2786	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Open Flow _____ /10ths Water in _____ Inch
 _____ /10ths Merc. in _____ Inch
 Volume 6 M Cu. Ft.
 Rock Pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water 26' feet _____ feet
 Salt water 1256' feet _____ feet

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
10" casing cemented
 COAL WAS ENCOUNTERED AT 200 FEET 72" INCHES
300 FEET 84 INCHES FEET INCHES
 FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Native Coal			200	206	Water	26'	
Pittsburgh Coal			300	307			
Little Dunkard			700	718			
Big Dunkard			890	915			
Gas Sand			1030	1042			
First Salt			1100	1140			
Second Salt			1155	1200	Water	1256	
Maxon			1400	1410			
Little Lime			1500	1518			
Pencil Cave			1518	1535			
Big Lime			1535	1644			
Big Injun			1644	1778	Gas	1754	
Gantz			2160	2212	Gas	2100	
Fifth Foot			2225	2248			
Thirty Foot			2334	2362			
Gordon Stray			2448	2458			
Fourth			2580 2580	2591 2591			
Fifth			2680	2729	Gas	2722'	
Total Depth				2761'			



March 12, 1956 B. R. NUZUM
 General Superintendent
 By Barley
 Hope Natural Gas Company

JUNE 21 1956