



Company HOPE NATURAL GAS CO.
 Address CLARKSBURG, W. VA.
 Farm W.B. MAXWELL
 Tract _____ Acres 2400 Lease No. 41,998
 Well (Farm) No. _____ Serial No. 10,079
 Elevation (Spirit Level) 1322
 Quadrangle HOLBROOK - N.E.
 County DODDRIDGE District SOUTHWEST
 Engineer Ray W. Bradley
 Engineer's Registration No. 2325
 File No. _____ Drawing No. _____
 Date 3/22/57 Scale 1"=40P

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

WELL LOCATION MAP
 FILE NO. DOD-226

+ 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.

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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle HOLBROOK

Permit No. DOD-226

WELL RECORD

Oil or Gas Well Gas

Company Hope Natural Gas Company
 Address Clarksburg, W. Va.
 Farm W. B. Maxwell Acres 2400
 Location (waters) _____
 Well No. 10079 Elev. 1322'
 District Southwest County Doddridge
 The surface of tract is owned in fee by _____
 Address _____
 Mineral rights are owned by _____
 Address _____
 Drilling commenced 7-10-57
 Drilling completed 8-9-57
 Date Shot Not shot From _____ To _____
 With _____
 Open Flow /10ths Water in _____ Inch
 /10ths Merc. in _____ Inch
 Volume 66 M Cu. Ft.
 Rock Pressure 430# lbs. _____ hrs.
 Oil None bbls., 1st 24 hrs.
 WELL ACIDIZED No
 WELL FRACTURED 8-14-57

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	347	347	Size of
8 1/4	1640	1640	
6 1/2			Depth set
5 3/16	2011	2011	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED SIZE No. Ft. Date
5" casing set in 30 bags cement
 COAL WAS ENCOUNTERED AT FEET INCHES
No Coal FEET INCHES FEET INCHES
 FEET INCHES FEET INCHES

RESULT AFTER TREATMENT 3,130 M
 ROCK PRESSURE AFTER TREATMENT 430#
 Fresh Water 150' 460' Feet Salt Water 1460' Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Red Rock			0	8			
Sand			8	20			
Red Rock			20	45			
Lime			45	57			
Red Rock			57	90			
Slate			90	105			
Sand			105	155	Water	150'	
Lime			155	170			
Red Rock			170	173			
Gritty Lime			173	195			
Red Rock			195	237			
Red Lime			237	246			
Grey Lime			246	255			
Red Rock			255	323			
Slate			323	372			
Red Rock			372	440			
Lime			440	455			
Sand			455	535			
Red Rock			535	564	Water	460'	
Slate			564	575			
Red Rock			575	582			
Slate & Shells			582	730			
Red Rock			730	882			
Slate			882	905			
Black Slate			905	945			
Slate & Shells			945	977			
Sand			977	994			
Slate			994	1,015			
Pink Rock			1,015	1,045			

Formation	Color	Hard or Soft	Top /	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate & Shells			1,045	1,079			
Sand			1,079	1,098			
Slate			1,098	1,166			
Lime			1,166	1,183			
Slate			1,183	1,245			
Sand - Gas Sand			1,245	1,262			
Slate & Shells			1,262	1,290			
Sand, 1st Salt			1,290	1,357			
Slate			1,357	1,394			
Black Slate			1,394	1,398			
Slate			1,398	1,410			
Lime			1,410	1,425			
Sand, 2nd Salt			1,425	1,500	Water	1460'	Salt
Black Slate			1,500	1,575			
Sand			1,575	1,595			
Slate			1,595	1,623			
Sand, 3rd Salt			1,623	1,750	Gas	1740-50	65 M
Slate			1,750	1,840			
Sand, Maxton			1,840	1,855			
Slate			1,855	1,900			
Lime			1,900	1,932			
Slate			1,932	1,940			
Sand, Blue Monday			1,940	1,950			
Pencil Cave			1,950	1,960			
Big Lime			1,960	2,040			
Sand, Big Injun			2,040	2,105	Gas	2073-83'	
Slate			2,105	2,165			
Total Depth				2,165			