



UNITED STATES DEPARTMENT OF INTERIOR
 2100 AC of 2326 AC
 52

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

MAP SHEET 57-E, 552, E46; FB 1164, P 33-39

Company HOPE NATURAL GAS CO.
 Address CLARKSBURG, W.VA.
 Farm U.S. DEPARTMENT OF INTERIOR
 Tract _____ Acres 2326 Lease No. 62327
 Well (Farm) No. _____ Serial No. 10,076
 Elevation (Spirit Level) 3235
 Quadrangle SPRUCE KNOB (NW)
 County RANDOLPH District DRY FORK
 Engineer Guy H Bradley
 Engineer's Registration No. 2425
 File No. _____ Drawing No. _____
 Date 3/14/57 Scale 1" = 2,000'

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

WELL LOCATION MAP
 FILE NO. RAN-92

+ 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.

6-6 261 Deep well



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 9

Quadrangle SPRUCE KNOB

Permit No. Ran-92

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Hope Natural Gas Company
Address Clarksburg, W. Va.
Farm U.S. Dept. of Interior Acres 2326
Location (waters) _____
Well No. 10076 Elev. 3235'
District Dry Fork County Randolph
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced April 22, 1957
Drilling completed Sept. 24, 1957
Date Shot Not From _____ To _____
With _____
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume 38 M Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil None bbls., 1st 24 hrs.
WELL ACIDIZED No
WELL FRACTURED 10-2-57

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13	21	21	
10	464	464	Size of
8 1/4	1472	1472	
6 5/8	5421	5421	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
8" cemented to surface with 35 bags
7" cemented to surface with 60 bags uniflo
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
No Coal
 _____ FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT 959 M
ROCK PRESSURE AFTER TREATMENT 1860#
Fresh Water 95' Feet Salt Water 2805' 4900' Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface			0	15			
Lime			15	50			
Slate & Lime			50	90			
Sand			90	101	Water	95'	
Slate			101	110			
Lime *			110	193			
Slate			193	204			
Lime			204	258			
Sand			258	285			
Lime			285	406			
Slate			406	504			
Lime			504	738			
Slate			738	743			
Lime			743	778			
Slate & Shells			778	1370			
Gritty Lime			1370	1430			
Slate & Shells			1430	2815	Water	2805'	
Lime			2815	2900			
Slate & Shale			2900	3000			
Lime			3000	3200			
Slate & Shale			3200	3500			
Slate & Shells			3500	3580			
Lime			3580	3600			
Lime			3600	3800			
Gritty Lime			3800	3870			
Slate & Shells			3870	4180			
Slate & Shale			4180	4500			
Slate & Shells			4500	4625			
Brown Shale			4625	4720			

(over)

Formation	Color	Hard or Soft	Top ⁹	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate & Shells			4720	4880			
Brown Shale			4880	4900	Water	4900'	Blow up at 4900'
Black Shale			4900	4940			pocket only
Brown Shale			4940	5075			
TULLY LIME			5075	5085			
Brown Shale			5085	5260			
Shale			5260	5378			
Brown Break			5378				
ONONDAGA			5378	5421			
CHERT			5421	5560			
ORISKANY			5560	5753	Gas	5573'	
HELDERBERG			5753				
				5897'			
TOTAL DEPTH							
			5378	5560	5753		
			3235	3735	3235		
			2143	2325	2514		

Date 12-11-57, 19__

APPROVED Hope Natural Gas Company, Owner

By [Signature]
(Title)