



3.56 S of 39° 35'
 3.54 W of 79° 40'
 3.49
 9 WC (E-13)

MAP SHEET 934, F-1; F.B. 1279, P. 37-39 .
 Minimum Error of Closure 1" in 200'
 Source of Elevation Levels from U.S.G.S. B.M.
 2042 GRAFTON

New Location
 Drill Deeper
 Abandonment

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Company HOPE NATURAL GAS CO.
 Address CLARKSBURG, W. VA.
 Farm Wm. Michael
 Tract _____ Acres 56 Lease No. 65668
 Well (Farm) No. _____ Serial No. 10500
 Elevation (Spirit Level) 2163'
 Quadrangle BRUCETON MILLS - S.W.
 County PRESTON District VALLEY
 Engineer Jackson M. Jarvis
 Engineer's Registration No. 2397
 File No. _____ Drawing No. _____
 Date 4-24-63 Scale 1" = 40 POLES

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

WELL LOCATION MAP
 FILE NO. PRES-111

+ 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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle BRUCETON MILLS

WELL RECORD

Permit No. PRES-111

Oil or Gas Well Dry

Company Hope Natural Gas Company
Address Clarksburg, W. Va.
Farm William Michael Acres 56
Location (waters) _____
Well No. 10500 Elev. 2163
District Valley County Preston
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced 6-6-63
Drilling completed 8-30-63
Date Shot Not shot From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume Show _____ Cu. Ft.
Rock Pressure 1300# lbs. 56 hrs.
Oil None _____ bbls., 1st 24 hrs.
WELL ACIDIZED No

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	491	491	
xxxx 9-5/8"	3829	3829	Size of
8 1/4			
6 3/8	8025	8025	Depth set
5 3/16			
3			Perf. top
xxx 4 1/2"	8391	8391	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

WELL FRACTURED 12-3-63 Used 980 bbls water 8000# sand

RESULT AFTER TREATMENT 62 M
ROCK PRESSURE AFTER TREATMENT Same
Fresh Water See log Feet _____ Salt Water _____ Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Sand			50	81			
Coal			81	84			
Sand			84	110			
Sand			110	278			
Sand & Shale			320	410			
Sand			410	430			
Sand			430	605			
Shale & Red Rock			605	680			
Little Lime			680	735			
Red Rock			735	743			
Lime			743	775			
Red Rock			775	782			
Big Lime			782	990			
Shale			990	1000			
Lime			1000	1050			
Sand			1050	1090			
Sand & Shale			1090				
Gantz			1240	1255			
Sand & Shale			1255	1320			
Shale			1320	1400			
50 Foot			1400	1535			
Pink Rock			1535	1540			
Sand			1540	1570			
Red Rock			1570	1580			
Sand			1580	1610			
Red Rock			1610	1650			
Sand			1650	1665			
Sand			1665	1680			
Red Rock			1680	1780			



4th Sand 1780 (over) 1805
Red Rock 1805 1870

Formation	Color	Hard or Soft	Top //	Bottom	Oil, Gas or Water	Depth Found	Remarks
5th Sand			1870	1905			
Red Rock			1905	1940			
Sand			1940	1990			
Red Rock			1990	2055			
Sand			2055	2085			
Sand			2085	2145			
Sand			2145	2153	Oil	2150	
					Gas	2155	Smell
Shale			2153	2160			
Lime			2160	2745			
Speechley			2745	2930	Oil	2800	
					Gas	2810	Smell
Sand			2930	2980			
Sand			2980	3035			
Slate & Shells			3035	3160			
Lime & Shale			3160	3744			
Sand			3744	3770			
Shale & Lime			3770	3860			
Lime & Shale			3860	4055			
Lime & Shale			4055	5000			
Shale			5000	5135			
Lime			5135	6230			
Shale			6230	7125			
Shale			7125	7190			
Shale			7190	7547			
Tully			7541	7588			
Shale			7588	7835			
Shale			7835	7845			
Shale & Lime			7845	7986			
Brown Break			7986				
Onodaga			7986	8041			
Chert			8041	8212			
Oriskany			8212	8360			
Helderburg			8360				
Total Depth				8472			

7986 8212 8360
 2163 2163 2163

 5823 6049 6199
 1700
 7749

Date January 23, 1964

APPROVED Hope Natural Gas Company, Owner

By Jack Bailey
(Title)