

111 4

Latitude 38° 25'

2,800

Longitude 80° 45'

J. H. Groves  
 W. G. Brown 600±  
 R. McCoy 127±  
 JOHN A. DUFFY 101.25±  
 Rebecca Hogan 101.25±  
 Sterling M. Craig 843±

Brushy Fork  
 Rock  
 West 771'  
 Large Co.  
 Cheat West Co.  
 C.A. 179°W 12 P.  
 566°00'E 243.5'  
 553°45'W 840'  
 N52°0'W 26 P. W.L.  
 S1k. in Roots of Fallen Maple  
 590°31'E 160'  
 598°34'E 166'  
 597°27'E 94.5'  
 523°17'E 55'  
 559°03'E 298.8'  
 549°10'E 623.8'  
 560°40'E 70.4'  
 579°40'E 92.3'  
 567°E 100'  
 N20°45'E  
 2150.5'  
 583°W 30 P.  
 C.A.  
 562°W 27 P.  
 C.A.  
 590°W 28 P.  
 C.A. 160' 58.5' W 8 P.  
 220.3

10433 Elev. 1989'

0.57 S.  
 1.62 W

6 NC(5-8)

New Location   
 Drill Deeper   
 Abandonment

Map Sheet 1825-F-5, F.B. 1257, P 19-28

Company HOPE NATURAL GAS CO.  
 Address CLARKSBURG, W.VA.  
 Farm JOHN A. DUFFY  
 Tract \_\_\_\_\_ Acres 101.25 Lease No. 67688  
 Well (Farm) No. \_\_\_\_\_ Serial No. 10433  
 Elevation (Spirit Level) 1989'  
 Quadrangle SUMMERSVILLE E.C.  
 County NICHOLAS District HAMILTON  
 Engineer Jackson M. Jarvis  
 Engineer's Registration No. 2397  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 9/27/62 Scale 1" = 40 POLES

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

WELL LOCATION MAP  
 FILE NO. NIC-247

+ 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.

No Samples 3-0-227 Deep Well 4633



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 15

Quadrangle NIC-247 SUMMERSVILLE

Permit No. SUMMERSVILLE NIC-247

WELL RECORD

Oil or Gas Well dry  
(KIND)

Company Hope Natural Gas Company  
Address Clarksburg, W. Va.  
Farm John A. Duffy Acres 101  
Location (waters)  
Well No. 10433 Elev. 1989'  
District Hamilton County Nicholas  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by \_\_\_\_\_  
Address \_\_\_\_\_  
Drilling commenced 11-8-62  
Drilling completed 6-19-63  
Date Shot Not From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow /10ths Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume Dry Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hra.  
Oil None bbls., 1st 24 hrs.  
WELL ACIDIZED No  
WELL FRACTURED No

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	288	288	
10			Size of
8 1/4	2386	2386	
6 1/4	6905	6905	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

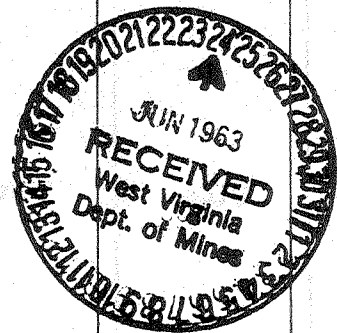
CASING CEMENTED 13" SIZE 8" No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
13" cemented to surface 8" w/80 bags  
7" cemented with 75 bags of Uniflo  
COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
None FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

RESULT AFTER TREATMENT

ROCK PRESSURE AFTER TREATMENT

Fresh Water See log Feet \_\_\_\_\_ Salt Water See log Feet \_\_\_\_\_

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Gravel, Yellow			0	25			
Sandy Shale	Gray		25	58	Water	45'	Fresh
Slate & Shell			58	235	Water	65'	Fresh
Sand			235	285			
Slate & Shell			285	335			
Lime			335	342			
Sand			342	390			
Slate			390	418			
Sand			418	560	Water	510'	4 blrs hour
Slate			560	575			
Lime			575	585			
Sand			585	625			
Slate			625	774			
Sand			774	900			
Slate & Shells			900	970			
Sand			970	1,023			
Shale-Sand, Gray			1,023	1,120			
Shale - Sand, Gray			1,120	1,168			
Red Rock			1,168	1,270			
Lime & Shells, Gray			1,270	1,288			
Sand			1,288	1,339			
Red Rock & Shells			1,339	1,382			
Sand			1,382	1,400			
Red			1,400	1,430			
Lime & Shells, Gray			1,430	1,490			
Lime, Broken			1,490	1,523			
Sand, Gray			1,523	1,690	Gas	1676-80'	12 M
Shale, Gray			1,690	1,630			
Lime, Little			1,630	1,674			
Sand, Blue Monday			1,674	1,690			



(over)

Deep Well

Formation	Color	Hard or Soft	Top 15	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate, Dk.			1,690	1,728			
Lime, Big			1,728	1,975			
Sand & Shells			1,975	2,000			
Lime			2,000	2,090			
Sand			2,090	2,117			
Slate			2,117	2,125			
Sand			2,125	2,145			
Lime			2,145	2,162			
Slate & Shells			2,162	2,195			
Shale - Brown			2,195	2,200			
Lime - Broken			2,200	2,410	Gas	2218	Show
Slate & Shells			2,410	2,600			
Lime - Gritty			2,600	2,670			
Slate & Shells			2,670	2,690			
Lime - Gritty			2,690	3,400			
Lime			3,400	3,520			
Shale Gray			3,520	4,090			
Shale			4,090	4,180			
Lime			4,180	5,360			
Shale, Black			5,360	5,380			
Lime			5,380	5,670			
Shale, Brown			5,670	5,780			
Lime			5,780	6,125			
Shale - Brown			6,125	6,160			
Lime			6,160	6,331			
Shale - Brown			6,331	6,743			
Lime - Tully			6,743	6,754			
Shale - Black			6,754	6,862			
Onondaga			6,862	6,905			
Chert			6,905	7,065			
Sand, Oriskany			7,065	7,142	Smell of gas after 7100'		
Helderberg Lime			7,142				
Total Depth				7,230			
			6862	7065	7142		
			1989	1989	1989		
			4873	5076	5153		

Date June 21, 1963, 19

APPROVED Hope Natural Gas Company, Owner

By \_\_\_\_\_ (Title)