

Company HOPE NATURAL GAS CO.  
 Address CLARKSBURG, W. VA.  
 Farm S. W. STOUT  
 Tract \_\_\_\_\_ Acres 1427 Lease No. 41996  
 Well (Farm) No. \_\_\_\_\_ Serial No. 10459  
 Elevation (Spirit Level) 992'  
 Quadrangle HOLBROOK N.E.  
 County DODDRIDGE District SOUTHWEST  
 Engineer Jackson M. Jarvis  
 Engineer's Registration No. 2397  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 12-10-62 Scale 1" = 40 POLES

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

**WELL LOCATION MAP**  
 FILE NO. DOD-923

+ 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 3

Quadrangle HOLBROOK

Permit No. DOD-923

WELL RECORD

Oil or Gas Well Dry (KIND)

Company Hope Natural Gas Company  
Address Clarksburg, W. Va.  
Farm S. W. Stout Acres 1427  
Location (waters) \_\_\_\_\_  
Well No. 10459 Elev. 992'  
District Southwest County Doddridge  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by \_\_\_\_\_  
Address \_\_\_\_\_  
Drilling commenced 3-25-63  
Drilling completed 5-8-63  
Date Shot Not shot From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow        /10ths Water in \_\_\_\_\_ Inch  
       /10ths Merc. in \_\_\_\_\_ Inch  
Volume 3 M Cu. Ft.  
Rock Pressure 120# lbs. 36 hrs.  
Oil None bbls., 1st 24 hrs.  
WELL ACIDIZED No  
WELL FRACTURED 5-8-63

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer _____
16			
13			
10	302	302	Size of _____
8 1/4	1087	1087	
6 3/8	1585	1585	Depth set _____
5 3/16			
x 4 1/2"	1891	1891	Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

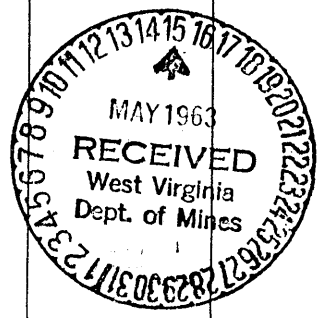
CASING CEMENTED        SIZE        No. Ft.        Date         
4 1/2" cemented with 40 bags  
COAL WAS ENCOUNTERED AT        FEET        INCHES  
None FEET        INCHES FEET        INCHES  
       FEET        INCHES FEET        INCHES

RESULT AFTER TREATMENT 89 M

ROCK PRESSURE AFTER TREATMENT Same

Fresh Water 16' Feet Salt Water 1240' Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Soil			0	14			
Sand			14	50	Water	16'	
Slate			50	55			
Red Rock			55	70			
Slate			70	110			
Red Rock			110	221			
Sand			221	240			
Slate			240	275			
Red Rock			275	285			
Slate			285	300			
Lime			300	360			
Slate			360	380			
Lime			380	394			
Red Rock			394	402			
Slate & Shells			402	485			
Red Rock			485	505			
Lime			505	528			
Red Rock			528	636			
Slate & Shells			636	656			
Sand			656	679			
Lime			679	695			
Slate & Shells			695	743			
Red Rock			743	772			
Slate & Shells			772	845			
Lime			845	865			
Sand			865	895			
Slate			895	910			
Sand			910	930			
Lime			930	990			
Slate			990	1,005			



Formation	Color	Hard or Soft	Top 3	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand, Gas Sand			1,005	1,155			
Slate & Shells			1,155	1,179			
Sand			1,179	1,310	Water	1240'	
Lime			1,310	1,325			
Slate & Shells			1,325	1,393			
Sand, 2nd Salt			1,393	1,435			
Slate & Shells			1,435	1,440			
Sand			1,440	1,567			
Slate			1,567	1,575			
Lime			1,575	1,585			
Slate & Shells			1,585	1,620			
Sand, Maxton			1,620	1,635			
Slate			1,635	1,645			
Red Rock			1,645	1,671			
Lime			1,671	1,695			
Slate			1,695	1,700			
Lime, Little Lime			- 1,700	1,718			
Slate			1,718	1,724			
Lime			1,724	1,743			
Sand			1,743	1,752			
Lime, Big Lime			- 1,752	1,805			
Sand, Injun			1,805	1,870	Gas	1816-49'	3 M
Lime			1,870	1,894			
Slate Shells			1,894	1,903			
Total Depth				1,903			

May 13, 1963  
*Jack Bailey*  
H. N. G. Co.

Date....., 19.....

APPROVED....., Owner

By.....  
(Title)