

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

MAP SH. 1134: SQ. H-1: F.B. 1185 P. 10-12

Company HOPE NATURAL GAS CO.  
 Address CLARKSBURG, WEST VA.  
 Farm CLARENCE E. FRIEND  
 Tract \_\_\_\_\_ Acres 160 Lease No. 65966  
 Well (Farm) No. \_\_\_\_\_ Serial No. 10135  
 Elevation (Spirit Level) 2377'  
 Quadrangle KINGWOOD - SW  
 County PRESTON District RENO  
 Engineer Guy H. Bradley  
 Engineer's Registration No. 2425  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date Nov. 22, 1957 Scale 1" = 500'

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

**WELL LOCATION MAP**  
 FILE NO. PRE-76

+ 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.

66 160  
 10135  
 JUB  
 F.P.C.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Quadrangle KINGWOOD

Permit No. PRES-76

WELL RECORD

Oil or Gas Well Gas  
(KIND)

Company Hope Natural Gas Company  
Address Clarksburg, W. Va.  
Farm C. E. Friend Acres 160  
Location (waters) \_\_\_\_\_  
Well No. 10135 Elev. 2377'  
District Reno County Preston  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by \_\_\_\_\_  
Address \_\_\_\_\_  
Drilling commenced 2-4-58  
Drilling completed 4-24-58  
Date Shot Not From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow /10ths Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume 1,018 M Cu. Ft.  
Rock Pressure 1965# lbs. hrs.  
Oil None bbls., 1st 24 hrs.  
WELL ACIDIZED No  
WELL FRACTURED 4-30-58

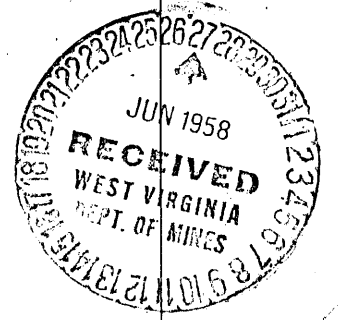
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	41	41	
10	517	517	Size of
8 1/4	1670	1670	
6 5/8	4874	4874	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED SIZE No. Ft. Date  
8" cemented with 40 bags  
7" cemented with 60 bags  
 COAL WAS ENCOUNTERED AT FEET INCHES  
 FEET None INCHES FEET INCHES  
 FEET INCHES FEET INCHES

RESULT AFTER TREATMENT 11,135 M  
 ROCK PRESSURE AFTER TREATMENT 1965#  
 Fresh Water 582' & 240' Feet Salt Water None Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Shale			0	40			
Slate			40	230			
Lime			230	480	Water	240	
Slate			480	560			
Lime			560	850	Water	582'	
Slate			850	1085			
Lime			1085	1401			
BENSON			1401	1575			
Slate			1575	2295			
Lime			2295	2770			
Slate			2770	2885			
Lime			2885	3115			
Slate			3115	3590			
<del>XXX</del> Lime			3590	3800			
Brown Shale			3800	4075			
Lime			4075	4128			
Black Shale			4128	4275			
Lime			4275	4310			
Shale			4310	4437			
TULLY			4437	4478			
Shale			4478	4848			
Brown Break			4848				
ONONDAGA			4848	4873			
CHERT			4873	4932	Gas	4900-4928'	
TOTAL DEPTH				4932'			

4848  
2377  
2471



June 27, 1958

*John C. Bailey*  
Hope Natural Gas Company