

Map Sheet 44 510 E16 F.B. 512 P32

Minimum Error of Closure 1" IN 200'
 Source of Elevation ELEV. FROM JCT. N.VA. SEC. 24, W.VA. SEC. 24
ELEV. 938.0'

"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."

New Location.....
 Drill Deeper.....
 Abandonment..... *J.M.*

Company HOPE NATURAL GAS CO.
 Address CLARKSBURG, W. VA.
 Farm C. B. WOLVERTON
 Tract _____ Acres 104 Lease No. 8281
 Well (Farm) No. _____ Serial No. 2263
 Elevation (Spirit Level) 997'
 Quadrangle CLARKSBURG SE
 County HARRISON District COAL
 Engineer Jackson M. Jarvis
 Engineer's Registration No. 2397
 File No. _____ Drawing No. _____
 Date 11-3-64 Scale 1" = 40 POLES

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

WELL LOCATION MAP
 FILE NO. ELAR-1823-A

+ 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 CLARKSBURG

Permit No. HAR-1823-A

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Hope Natural Gas Company
Address Clarksburg, W/ Va.
Farm C. B. Wolverton Acres 10 1/4
Location (waters) _____
Well No. 2263 Elev. 997'
District Coal County Harrison
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____

Drilling commenced 8-19-11
Drilling completed 11-28-11
Date Shot 11-28-11 From 2365 To 2412
With 50 Qts Nitro

Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume 260 M (Exhausted) Cu. Ft.
Rock Pressure not taken lbs. _____ hrs.
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			
10	139	139	Size of
8 1/4			
6 3/4	1118	1118	Depth set
5 3/16	2185	2185	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
No cementing

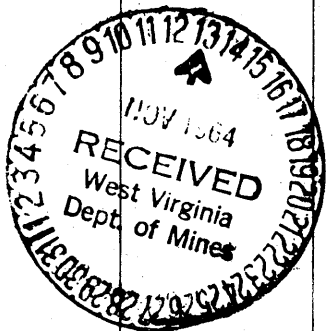
COAL WAS ENCOUNTERED AT None FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT _____

ROCK PRESSURE AFTER TREATMENT _____

Fresh Water 725 Feet Salt Water None Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Below All Coal							
Little Dunkard			330	368			
Big Dunkard			595	415			
Gas Sand			680	705			
First Salt			710	910	water	725	
Big Lime			1351	1405			
Big Injan			1405	1510	GAS	1419	
Squaw			1525	1532			
Berea			1560	1585			
Gantz			1755	1775			
50' Sand			1885	1910			
Thirty Foot			1940	2050			
Gordon Stray			2060	2095			
Gordon			2160	2225			
Fourth Sand			2250	2270			
Fifth Sand			2298	2301	GAS	2300	
Bayard			2405	2410	GAS	2406	
Total Depth				2429'			



November 9, 1964
Jack Bailey
Hope Natural Gas Company