

Company Hope Natural Gas Co.
 Address Clarksburg, W. Va.
 Farm P. F. White
 Tract _____ Acres 164 Lease No. _____
 Well (Farm) No. _____ Serial No. 8397-8398
 Elevation (Spirit Level) 1422-1190
 Quadrangle Yadis
 County Lewis District Freemans Creek
 Engineer Wm Bowers
 Engineer's Registration No. 900 *SE*
 File No. _____ Drawing No. _____
 Date Feb. 23, 1940 Scale 1" = 40'

New Location
 Drill Deeper
 Abandonment 8397

FB. 687 P. 1-2

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

WELL LOCATION MAP
 FILE NO. LEW-192-A #8397
LEW-423-A #8398

+ 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.



494

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

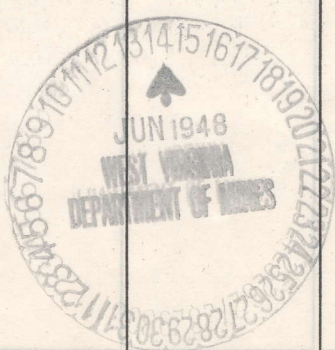
Permit No. 493-A Oil or Gas Well (KIND)

Company Hope Natural Gas Company
 Address 445 West Main St. Clarksburg, W. Va.
 Farm P.F. White Acres 164
 Location (waters) _____
 Well No. 8398 Elev. 1190
 District Freemans Creek County Lewis
 The surface of tract is owned in fee by _____
 Address _____
 Mineral rights are owned by _____
 Address _____
 Drilling commenced Feb. 27, 1915
 Drilling completed Apr. 22, 1915
 Date Shot From _____ To _____
 With _____
 Open Flow /10ths Water in _____ Inch
 /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock Pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water none feet _____ feet
 Salt water 1005 1330 feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	185	185	Size of
8 1/4	1010	1010	
6 5/8	1639	1639	Depth set
5 3/16	2224	2224	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED NOT SIZE _____ No. Ft. _____ Date _____
 COAL WAS ENCOUNTERED AT 77 FEET 36 INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Coal			77	80			
Big Dunkard			510	600			
Gas sand			630	710			
First Salt			780	810			
Second Salt			995	1050	water	1005	
Maxon			1320	1350	water	1330	
Big Line			1590	1659	gas	1620	
Big Injun			1638	1784	gas	1711	
Thirty foot			2065	2081			
Gordon stray			2218	2225			
Gordon			2238	2331	gas	2278 2296	
Fifth			2475	2485	gas	2477	
Total depth				2510			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks



WEST VIRGINIA
DEPARTMENT OF MINES
STATE OF WEST VIRGINIA

Date June 11, 1948, 19

APPROVED Hope Natural Gas Company, Owner

By E. H. Tollefson

(Title) Superintendent

MATHEWS PRINTING AND LITHOGRAPHING CO. CHARLESTON, W. VA.