

New Location
 Drill Deeper
 Abandonment

1ap 5h. 54 Sq. 5-8 W-4 F.B. 777 P. 4

Company HOPE NATURAL GAS CO.
 Address CLARKSBURG, W.V.
 Farm S.B. WILLIAMS
 Tract _____ Acres 62 Lease No. 23040
 Well (Farm) No. _____ Serial No. 2451
 Elevation (Spirit Level) 1106'
 Quadrangle CENTERPOINT
 County DODDRIDGE District GRANT
 Engineer W.M. Bowers
 Engineer's Registration No. 900
 File No. _____ Drawing No. _____
 Date 7-16-45 Scale 1" = 40'

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

WELL LOCATION MAP
 FILE NO. Dod-501-A

was 12710

+ 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.



405

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

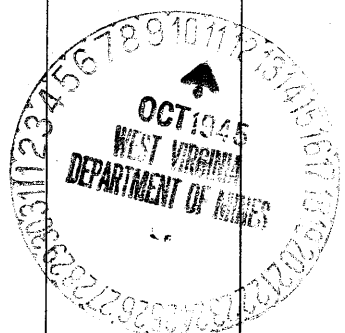
Permit No. Ab 501 A Oil or Gas Well _____ (KIND)

Company Hope Natural Gas Company.
 Address 445 West Main St. Clarksburg, W.Va.
 Farm S.B. Williams. Acres 68
 Location (waters) _____
 Well No. 2451 Elev. 1106
 District Grant County Doddridge
 The surface of tract is owned in fee by _____
 Address _____
 Mineral rights are owned by _____
 Address _____
 Drilling commenced June 25, 1913
 Drilling completed September 15, 1913
 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 _____ feet _____ feet
 Salt water 1435 1577 feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer _____
13			
10	1110	Pulled	Size of _____
8 1/4	1584	1584	
6 5/8	1995	1995	Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used _____			Perf. top _____
			Perf. bottom _____

Not cemented
 CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
 COAL WAS ENCOUNTERED AT 371 FEET 48 INCHES
627 FEET 48 INCHES FEET INCHES
 FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Native coal			371	375			
Pittsburgh Coal			627	631			
Little Dunkard			1020	1080			
First Salt			1300	1390			
Second Salt			1420	1455	water	1435	
Maxon			1545	1623	water	1577	
Little Lime			1924	1949			
Pencil cave			1949	1956			
Big Lime			1956	2025			
Big Injun			2025	2137	gas	2059- 2142	
Squaw			2141	2186	gas	2142	
Gordon			2749	2769			
Fifth			2892	2918			
Bayard			3056	3085			
Filled back to				2197			



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

Date October 10, 1945., 194

APPROVED Hope Natural Gas Company., Owner

By *[Signature]*
Ass't. to Gen. Sup. (title)

