



7.5' 200  
 0.34 S 39 1730  
 1.40 W 80 50  
 Calc 15.200  
 3.22 S  
 1.40 W

Map 57.60 Sq. 5-11 W-14 F.B. 777 P. 15 & 16

New Location   
 Drill Deeper   
 Abandonment

Company HOPE NATURAL GASCO.  
 Address CLARKSBURG, W. VA.  
 Farm U. G. DUCKWORTH  
 Tract \_\_\_\_\_ Acres 50 Lease No. 23236  
 Well (Farm) No. \_\_\_\_\_ Serial No. 4051  
 Elevation (Spirit Level) 952'  
 Quadrangle WEST UNION  
 County DODDRIDGE District CENTRAL  
 Engineer Tom Bowen  
 Engineer's Registration No. 900  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 9-24-45 Scale 1" = 30R

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

**WELL LOCATION MAP**  
 FILE NO. DOD-500-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.



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STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL RECORD

Permit No. 500-A

Oil or Gas Well (KIND)

Company Hope Natural Gas Company.  
 Address 445 West Main St. Clarksburg, W. Va.  
 Farm U.G. Duckworth Acres 50  
 Location (waters) \_\_\_\_\_  
 Well No. 4051 Elev. 952  
 District Central County Doddridge  
 The surface of tract is owned in fee by \_\_\_\_\_  
 Address \_\_\_\_\_  
 Mineral rights are owned by \_\_\_\_\_  
 Address \_\_\_\_\_  
 Drilling commenced Jan/ 6, 1916  
 Drilling completed Mar. 4, 1916  
 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 515 feet \_\_\_\_\_ feet  
 Salt water 1440 feet \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10	<b>310</b>	<b>Pulled</b>	Size of
8 1/4	<b>1103</b>	<b>1103</b>	
6 5/8	<b>1894</b>	<b>1894</b>	Depth set
5 3/16			
3			Perf. top
2	<b>1940</b>	<b>1940</b>	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED Not cemented No. Ft. \_\_\_\_\_ Date \_\_\_\_\_

COAL WAS ENCOUNTERED AT 150 FEET ? INCHES  
620 FEET ? INCHES FEET INCHES  
 FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Native coal			150	?			
Pittsburgh Coal			620	?	water	515	
Big Dunkard			1080	1130			
First Salt			1410	1625	water	1440	
Second Salt			line & shell				
Maxon			Line & shell				
Little Line			1839	1859	(Circled)		
Pencil cave			1859	1874			
Big Lime			1874	1955			
BIG INJUN			1955	2011	gas	1965- 1972	
Gantz			2170	2294			
Thirty foot			2503	2508	gas	2504	
Originally drilled to				2968			
and filled back to				2530			



