

Company Hope Natural Gas Co.  
 Address Clarksburg, W. Va.  
 Farm Offutt Hrs.  
 Tract \_\_\_\_\_ Acres 204 Lease No. 28351  
 Well (Farm) No. \_\_\_\_\_ Serial No. AS Shown  
 Elevation (Spirit Level) AS Shown  
 Quadrangle Centerpoint  
 County Doddridge District Grant  
 Engineer Wm Bawer  
 Engineer's Registration No. 900  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 6-24-48 Scale 1" = 40P.

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

**WELL LOCATION MAP**  
 FILE NO. Dod - 673 F 3994

+ 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. 673A 579A Oil or Gas Well (KIND)

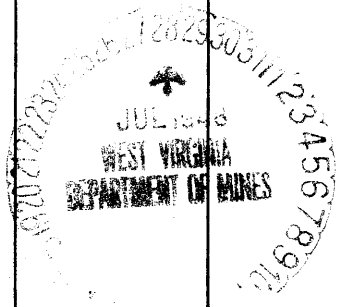
Company Hope Natural Gas Company.  
 Address 445 West Main St. Clarksburg, W. Va.  
 Farm Z. Offutt Hrs. Acres 204  
 Location (waters) \_\_\_\_\_  
 Well No. 3994 Elev. 1027  
 District Grant County Doddridge  
 The surface of tract is owned in fee by \_\_\_\_\_  
 Address \_\_\_\_\_  
 Mineral rights are owned by \_\_\_\_\_  
 Address \_\_\_\_\_  
 Drilling commenced Purchased well  
 Drilling completed \_\_\_\_\_  
 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 no record feet \_\_\_\_\_ feet  
 Salt water no record feet \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	?	?	Size of
8 1/4	?	?	
6 3/8	1680	1680	Depth set
5 3/16			
3	1950	Pulled	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

NOT CASING CEMENTED SIZE No. Ft. Date

COAL WAS ENCOUNTERED AT 320? FEET 72 INCHES  
 FEET INCHES FEET INCHES  
 FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Pittsburgh Coal			320	326 Est			
Salt sand			1310	1400 Est			
Big Lime			1678	1733 Est			
Big Injun			1733		gas	1738	
Total depth				1950			



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

Date July 27, 1948., 19\_\_

APPROVED Hope Natural Gas Company., Owner

By \_\_\_\_\_ (Title)

*9/29*