

FB.538 P.40 Map Sh. 41 Sq. 53 E 14

Company Hope Natural Gas Co.  
 Address Clarksburg, W. Va.  
 Farm F. W. Cunningham  
 Tract \_\_\_\_\_ Acres 119 Lease No. 5092  
 Well (Farm) No. \_\_\_\_\_ Serial No. As Show.  
 Elevation (Spirit Level) As Shown  
 Quadrangle Clarksburg  
 County Harrison District Eagle  
 Engineer Wm Bowers  
 Engineer's Registration No. 900  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 3-26-45 Scale 1"=30P.

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

**WELL LOCATION MAP**  
 FILE NO. HAR-131 #  
HAR-862-A-1014

+ 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



696

WELL RECORD

Permit No. 862-A

Gas Well

(KIND)

Company Hope Natural Gas Company.  
 Address 445 West Main St. Clarksburg, W. Va.  
 Farm F. W. Cunningham Acres 119  
 Location (waters) \_\_\_\_\_  
 Well No. 1014 Elev. 1157  
 District Eagle County Harrison  
 The surface of tract is owned in fee by \_\_\_\_\_  
 Address \_\_\_\_\_  
 Mineral rights are owned by \_\_\_\_\_  
 Address \_\_\_\_\_  
 Drilling commenced February 3, 1908  
 Drilling completed March 19, 1908  
 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 600 feet \_\_\_\_\_ feet  
 Salt water 875 feet \_\_\_\_\_ feet

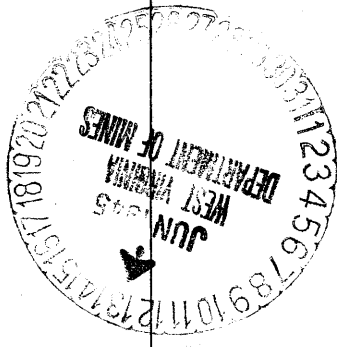
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4	<b>1395</b>	<b>1395</b>	
6 5/8	<b>1648</b>	<b>1648</b>	Depth set _____
5 3/16			
3			Perf. top _____
2	<b>2419</b>	<b>2419</b>	Perf. bottom _____
Liners Used			Perf. top _____
<b>5 3/16"</b>	<b>242</b>	<b>242</b>	Perf. bottom _____

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

COAL WAS ENCOUNTERED AT 110 FEET 120 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			110	120			
Little Dunkard			575		water	600	
Big Dunkard			625	700			
Gas sand			710	890	water	875	
First Salt			915				
Second Salt			1035	1200			
Maxon			1300	1320			
Little Lime			1375	1390			
Pencil cave			1390	1395			
Big Lime			1395	1490			
Big Injun			1490	1575			
Squaw			1700				
Fifty foot			2070	2125			
Gordon Stray			2312	2380	gas	2314	
Bayard			2645	2650	gas		
Total depth				2665			
Filled back to				2418			

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



Date June 11, 1945., 194

APPROVED Hope Natural Gas Company., Owner

By *J. H. [Signature]*  
 Ass't. to Gen. Sup't. (Title)



Well No. 1014 Lease No. .... Name F. W. CUNNINGHAM District .....

District Eagle County HARRISON State .....

Location Made..... First Work Done.....

Rig Commenced..... Rig Completed.....

Drilling Commenced..... Drilling Completed Mar. 19, 1908

Rig Contractor..... { Drilling Contractor }

Drillers..... { If H. N. G. Co. Tools, String No. }

Tool Dressers.....

FORMATION	Open or Close Hard or Soft	TOP	BOTTOM	Steel Line Measurements	Water Found Depth	Oil Found Depth	Gas Found Depth	REMARKS
Native Coal								
Pittsburgh Coal		110	120					
Little Dunkard		575	700		600			
Big Dunkard								
Gas Sand								
First Salt		915	1200					
Second Salt								
Third Salt								
Maxon		1300	1320					
Little Lime								
Pencil Cave								
Big Lime								
Keener								
Big Injun		1490	1575					
Squaw								
Weir								
Berea								
Gantz								
Fifty Foot		2070	2125					
Thirty Foot								
Gordon Stray		2312	2380				2314	
Gordon								
Fourth								
Fifth								
Bayard		2645	2650					
Total Depth			2343					
Trilled Deeper 4/3/15			2665					
Filled to Now			2366					
Total Depth			2419					

SIZE	Charged to Well		Put in Well		Pulled Out		Left in Well		Transferred Before Completing		Left at Well Not in Use		Steel Line Measurement		If more than two strings of casing are left in hole, give reasons for leaving additional strings
	Foot	In.	Foot	In.	Foot	In.	Foot	In.	Foot	In.	Foot	In.	Foot	In.	
13" Csg.															
10" "															
8 1/4" "															
6 5/8" "															
5 3/8" "															
Tbg.															
"															

PACKER RECORD

SIZE	KIND	Amount Anchor	Amount Above Anchor	REMARKS

SHOOTING RECORD (If shot before or upon completion of well)

DATE	Quarts	Top of Shell	Bottom of Shell	Diameter	Sand	TEST BEFORE SHOT			TEST AFTER SHOT			Test Taken After Shot No. Hours	By Whom Shot
						Reading	Liquid	Opening	Reading	Liquid	Opening		

CEMENTING RECORD

Date Cemented..... Size Hole Cemented..... Size Casing Cemented.....

Top Pittsburgh Coal..... Top Cementing..... Amount Cement Used.....

Bottom Pittsburgh Coal..... Bottom Cementing..... Amount Sand Used.....

Mr..... of..... Coal Company on ground when coal was cemented

Remarks:..... Signature of persons who cemented well

Approved..... Foreman