

Map sheet 41 - Square 55E12 - FB. 532 P3-4.

Company Hope Natural Gas Co  
 Address Clarksburg, W Va.  
 Farm James A. Griffin  
 Tract Acres 84 Lease No. 5875  
 Well (Farm) No. 1 Serial No. 2301  
 Elevation (Spirit Level) 1180  
 Quadrangle Clarksburg  
 County Harrison District Eagle  
 Engineer W M Bowers  
 Engineer's Registration No. 900  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date Oct. 20, 1941 Scale 1" = 400'

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

WELL LOCATION MAP  
 FILE NO. HAR-92-D

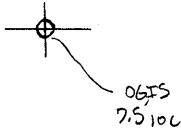
+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

LATITUDE 39°25'

03°26'08"

LONGITUDE



7'5 OGIS topo location

7.5' 10C	<u>1.93S</u>	15' 10C	<u>1.93S</u>
	<u>1.53W</u>	(calc.)	<u>3.76W</u>

Company Hope Natural Gas Co.

Farm James A. Griffin

Quad Wallace 7.5' Clarksburg C

County Harrison

District Eagle

WELL LOCATION MAP

File No. 033-92

WEST VIRGINIA DEPARTMENT OF MINES  
OIL & GAS DIVISION  
W E L L R E C O R D

Permit No	Har-92	Gas Well	
Company	Hope Natural Gas Co	Casing & Tubing	
Address	Clarksburg, W.Va.	10	126 128
Farm	James A. Griffin Acres 84	8 $\frac{1}{2}$	1341 1341
Location	---	6 5/8	1480 1480
Well No.	2301 Elev. 1180	5 3/16	2243 2243
District	Eagle Harrison County	Casing cemented:	
Surface	---	10" cemented through	
Commenced	11-1-41 (Drilled Deeper)	coal seam	
Completed	12-12-41 "	Coal encountered 70'	
Shot	11-28-41 Depth 2100-2106		
Flow	66/10ths W in 1 $\frac{1}{2}$ "		
Volume	137,699 C.F		
Rock Pressure	90 lbs 24 hrs.		
Fresh Water	None recorded		
Salt Water	944'		

DRILLING DEEPER RECORD

Started drilling deeper at	-----	1660	
Sand	H	1660	1748
Gantz Sand	H	1885	1895 Gas 1886
Fifty Foot Sd.	H	2019	2080 Gas 2024
Thirty Foot Sd.	H	2098	2125 Gas 2100-2104
Gordon Stray Sd.		2216	2250
Gordon Sand	H	2265	2285
Fourth Sand		2290	2326 Gas 2310
Fifth Sand		2440	2455 Gas 2447
			Show oil 2442
TOTAL DEPTH			2532

*Handwritten:*  
 2532  
 1660  
 ---  
 872  
 21-4-42

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

## WELL RECORD

Permit No. HAR-92

Oil or Gas Well Gas  
(KIND)

Company Hope Natural Gas Company  
Address Clarksburg, W. Va.  
Farm James A. Griffin Acres 84  
Location (waters) \_\_\_\_\_  
Well No. 2301 Elev. 1180  
District Eagle County Harrison  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by \_\_\_\_\_  
Address \_\_\_\_\_  
Drilling commenced 8-14-11  
Drilling completed 9-22-11  
Date shot Not shot Depth of shot \_\_\_\_\_  
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 recorded feet \_\_\_\_\_ feet  
Salt water 844 feet \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	126	126	Size of
8 1/4	1341	1341	
6 5/8	1480	1480	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date  
10" cemented through coal seam.  
COAL WAS ENCOUNTERED AT 70 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			70	76			
Little Dunkard Sand			425	454			
Big Dunkard Sand			582	624			
Gas Sand			735	830			
First Salt Sand			840	880	Water	844	
Second Salt Sand			885	1140			
Maxon Sand			1148	1200			
Little Lime			1355	1385			
Pencil Cave			1385	1400			
Big Lime			1400	1468			
Big Injun Sand			1468	1590	Gas	1573	
Squaw Sand			1610	1630			
Total Depth			-----	1660			

TO BE DRILLED DEEPER

