

#2324	2.71 S
	1.41 W
#2768	2.95 S
	1.50 W

New Location
 Drill Deeper
 Abandonment 2324

Map Sh. 44 S6 E10 FB517 P5-940 P15

Company Hope Natural Gas Co
 Address Clarksburg, W. Va
 Farm Almira A. Griffin
 Tract 85 Acres 85 Lease No. 21516
 Well (Farm) No. As Shown Serial No. As Shown
 Elevation (Spirit Level) As Shown
 Quadrangle Clarksburg
 County Harrison District Sardis
 Engineer Wm Bowers
 Engineer's Registration No. 900
 File No. _____ Drawing No. _____
 Date 9-29-49 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. HAR-1365-A #2324

+ 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

1179

WELL RECORD

Permit No. 1365-A Gas Well (KIND)

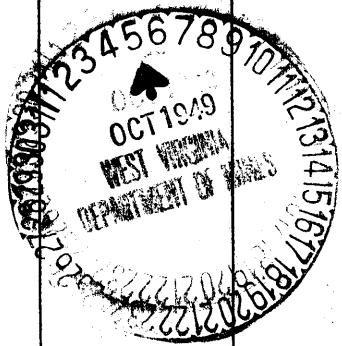
Company Hope Natural Gas Company.
Address 445 West Main St. Clarksburg, W. Va.
Farm Almira A. Griffin. Acres 85
Location (waters) _____
Well No. 2324 Elev. 1050
District Sardis County Harrison
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced November 29, 1911
Drilling completed January 20, 1912
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 none feet _____ feet
Salt water 775 feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10	278	278	Size of
8 1/4	1289	Pulled	
6%	1617	1617	Depth set
5 3/16	2359	2359	
3			Perf. top
2	2455	2455	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 10 SIZE 278 No. Ft. 1911 Date

COAL WAS ENCOUNTERED AT 222 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			222	228			
Little Dunkard			540	655			
Big Dunkard			745	810	water	775	10 bails per hr.
First Salt			975	1015			
Second Salt			1050	1173	gas	1065	
Maxon			1460	1538	gas	1472	
Little Linn			1540	1547			
Pencil saw			1544	1547			
Big Linn			1547	1597			
Big Injun			1597	1682			
Squaw			1715	1735			
Berea			1825	1875	gas	1845	
Gants			2070	2100			
Fifty foot			2150	2180			
Thirty foot			2230	2250			
Gordon stray			2325	2350			
Gordon			2354	2399	gas	2368	
Fourth			2401	2440	gas	2415	
Total depth				2455			

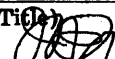


Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks

Date October 4, 1949., 19__

APPROVED Hope Natural Gas Company., Owner

By _____

(Title)


Well No. 2324 Lease No. Name Almira A. Griffin District 033 31365
District SARDIS County HARRISON State

Location Made..... First Work Done.....
Rig Commenced..... Rig Completed.....
Drilling Commenced..... Drilling Completed Jan. 20, 1912
Rig Contractor..... { Drilling Contractor }
Drillers..... { If N. N. G. Co. Tools, String No. }
Tool Dressers.....

FORMATION	Open Hole		Steel Line Measurements	Water Found Depth	Oil Found Depth	Gas Found Depth	REMARKS
	Top of Soft	Bottom					
Native Coal							
Pittsburgh Coal	222	228					
Little Dunkard	540	810		775 - Salt			
Salt Sand						1065	
Big Dunkard	975	1173					
Gas Sand							
First Salt							
Second Salt							
Third Salt							
Maxon	1460	1538				1472	
Little Lime							
Pencil Cave							
Big Lime							
Keener							
Big Injun	1597	1682					
Squaw							
Weir							
Berea	1875	1875				1845	
Gantz	2070	2100					
Fifty Foot	2150	2180					
Thirty Foot	2230	2250					
Gordon Stray	7375	7350					
Gordon	7354	7399				2368	
Fourth	2401	2440				2415-73	
Fifth							
Total Depth		2455					

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
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	
13" Csg.															
10" "															
8 1/4" "															
6 5/8" "															
5 1/8" "															
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