



New Location X (8623)  
 Drill Deeper  
 Abandonment

Map Sheet 41W Square 543W56- F.B. 718 R 35

Company	Hope Natural Gas Co	
Address	Clarksburg, W. Va.	
Farm	Blanche M. Pfof	
Tract	Acres 1324	Lease No. 48854
Well (Farm) No.	2	Serial No. 8623
Elevation (Spirit Level)	698	
Quadrangle	Ripley	
County	Jackson	District Washington
Engineer	W. M. Brown	
Engineer's Registration No.	900	
File No.	Drawing No.	
Date	Mar. 16, 1942	Scale 1" = 50'

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

WELL LOCATION MAP  
 FILE NO. JAC-312

+ 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.

6-6-1942

1934

JAC-312

Washington District, Jackson County, W. Va.  
 By Hope Natural Gas Co., Clarksburg, W. Va.  
 On 1324 acres; lease No. 48854.  
 Location made March 13, 1942. First work done, April 8, 1942.  
 Rig completed April 12, 1942.  
 Drilling commenced April 8, 1942; completed, July 8, 1942.  
 Rig contractor, C. G. Walkers. Drilling contractor, C. P. Jones.  
 Drillers: O. U. Heisman, R. A. Burns, D. M. Moore.  
 Tool dressers: G. E. Channels, C. W. Burns, Rex Evans.  
 13-3/8" O. D. 54.50# casing, 669' 10" (pulled); 10 3/4" 32.75#, 1241' 7"  
 (pulled); 8 3/8" 28#, 2017' 8" (left in); 7" 22#, 4949' 1" (left in).  
 7' from derrick floor to cellar floor. All casing was Jones & Laughlin  
 make.  
 1 Kerotest Xmas tree, National Supply. 7" steel shoe, 16" long, 8 Rd. Thd.  
 22#--McJunkin Supply Co.; 8 3/8" steel shoe, 12" long, 8 Rd. Thd. 24#  
 McJunkin Supply Co.; 10 3/4" steel shoe, 8Rd. Thd. 32.75#--McJunkin  
 Supply Co., pulled out; 13-3/8" steel shoe, 8 Rd. Thd. 54.50#--  
 McJunkin Supply Co., pulled out.  
 Shot July 14, 1942, with 60 qts., at 5068-5080'; 2 shells, 5 1/2" x 6',  
 30 qts. (open shot), in Oriskany Sand;  
 Test before shot, 2/10.....1/4" opg., F.M., 665 cu. ft.; test after  
 shot, 2/10 ....2" opg., 60,000 cu. ft., 2 hrs. after shot.  
 Shot by Marietta Torpedo Co.  
 Outside 13-3/8" casing, 1400# Aquagel; 10 3/4" casing, 1500# Aquagel;  
 8 3/8", 100# Aquagel, followed with 60 bags cement. 7" casing run,  
 1200# Aquagel, followed with 14 bags of cement.  
 Record to RCT from Hope Natural Gas Co., April 1, 1943.

	Top.	Bottom.
Red rock	0	- 130
Slate, white	130	- 135
Sand (water, 145', 2 bailers per hour)	135	- 210
Red rock	210	- 220
Slate (hole reduced at 231')	220	- 270
Red rock	270	- 275
Slate and shells	275	- 335
Red rock	335	- 370
Slate and shells	370	- 390
Red rock	390	- 400
Slate	400	- 417
✓Pittsburgh Sand (water, 435', 4 bailers per hour)	417	- 473
Slate and shells	473	- 512
Red rock	512	- 520
Slate and shells	520	- 615
Red rock	615	- 625
Shells	625	- 633
Red rock	633	- 673
Slate and shells	673	- 690
Red rock	690	- 790
Slate and shells (water, 795', 1 bailer per hour)	790	- 818
Sand	818	- 842
Slate and shells	842	- 960
Sand	960	- 977
Slate and shells	977	- 1012
✓1st Salt Sand	1012	- 1108
Black slate	1108	- 1115

	Top.	Bottom.
Sand	1115	- 1123
Slate and shells	1123	- 1150
2nd Salt Sand	1150	- 1198
Slate (break)	1198	- 1228
2nd Salt Sand (water, 1230', hole full)	1228	- 1243
Slate and shells (break)	1243	- 1270
2nd Salt Sand (show of oil, 1275-85')	1270	- 1294
Slate break	1294	- 1306
2nd Salt Sand	1306	- 1330
Slate and shells (break)	1330	- 1347
2nd Salt Sand	1347	- 1368
Slate and shells (water, 1615', salty; 1635', hole full)	1368	- 1608
Big Lime	1608	- 1790
Big Injun Sand	1790	- 1885
Slate	1885	- 1951
Shells	1951	- 1957
Slate and shells	1957	- 1963
Lime	1963	- 2010
Slate and shells	2010	- 2034
Brown shale	2034	- 2340
Berea Sand	2340	- 2352
Slate and shells, white	2352	- 2358
Slate and shells, black (little show of gas, 3600') (Shale gas, 3600-4210')	2358	- 3590
Slate and shells, white	3590	- 3710
Brown shale - 441	3710	- 3928
White slate	3928	- 4235
Brown shale	4235	- 4663
White slate	4663	- 4852
Black shale - <i>massive</i>	4852	- 4890
Chert - 463	4890	- 4946
Oriskany Sand (gas, 5073-80') (water, 5082', $\frac{1}{2}$ bailer per hour) (water, 5099', 1 bailer per hour) (little show of oil, 5100')	4946	- 5060
Lime (break)	5060	- 5130
Oriskany Sand	5130	- 5138
Lime	5138	- 5159
Total depth	5159	- 5183
		5183