

Company Hope Natural Gas Co.
 Address Clarksburg, W. Va.
 Farm Nelson Land & Oil Co.
 Tract _____ Acres 639 Lease No. 46365
 Well (Farm) No. 3 & 7 Serial No. 7672-7674
 Elevation (Spirit Level) 1540 - 1310
 Quadrangle Peytona
 County Boone District Sherman
 Engineer Wm Bowers
 Engineer's Registration No. 900
 File No. _____ Drawing No. _____
 Date Jan. 2, 1942 Scale 1" = 800

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

WELL LOCATION MAP
 FILE NO. W.O.O - 98 - A

+ 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

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WELL RECORD

Permit No. 98-A

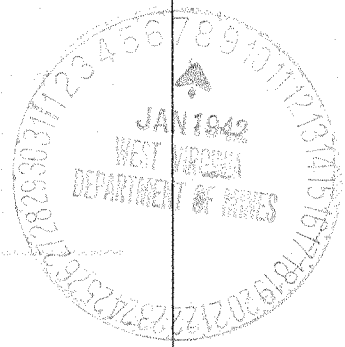
Oil or Gas Well
(Kind)

Company Hope Natural Gas Company
 Address Clarksburg, W. Va.
 Farm Nelson Land & Oil Company Acres. 639
 Location (waters).....
 Well No. 7674 (7) Elev. 1310
1300
 District Sherman County Boone
 The surface of tract is owned in fee by.....
 Address.....
 Mineral rights are owned by.....
 Address.....
 Drilling commenced 5-16-30
 Drilling completed 7-19-30
 Date shot 7-21-30 Depth of shot 2875-2895
3064-3077
 Open Flow 55 9/10ths water 2" Inch
 /10ths Merc. in..... Inch
 Volume 116,990 78,160 & 31,360 107,380 Cu. Ft.
 Rock Pressure 382 lbs..... hrs.
 Oil..... bbls., 1st 24 hrs.
 Fresh water 70 feet..... feet
 Salt water 1585-1980 feet..... feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16.....			Kind of Packer.....
13.....	25	25	
10.....	568	568	Size of.....
8 1/4.....	1900	Pulled	
6 5/8.....	2396	2396	Depth set.....
5 3/16.....			
3.....			Perf. top.....
2.....	3132	Pulled	Perf. bottom.....
Liners Used.....			Perf. top.....
			Perf. bottom.....

CASING CEMENTED..... SIZE..... No. Ft..... Date.....
Not cemented
 COAL WAS ENCOUNTERED AT 90 FEET 48 INCHES
230 FEET 36 INCHES 492 FEET 36 INCHES
 FEET..... INCHES..... FEET..... INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Clay			0	30			
Sand			30	90	Water	70	
Coal			90	94			
Slate			94	115			
Sand			115	140			
Slate			140	165			
Sand			165	190			
Slate			190	230			
Coal			230	238			
Slate			238	270			
Lime			270	300			
Slate			300	330			
Lime			330	365			
Slate			365	390			
Sand			390	445			
Slate			445	492			
Coal			492	495			
Lime			495	545			
Slate			545	600			
Sand			600	660			
Slate			660	715			
Sand			715	765			
Slate			765	830			
Lime			830	855			
Slate			855	920			
Sand			920	968			
Slate			968	980			
Sand			980	1025			
Slate			1025	1045			
Lime			1045	1080			
Slate			1080	1120			
Lime			1120	1135			
Slate			1135	1140			
Lime			1140	1180			
Slate			1180	1185			
Lime			1185	1200			
Sand			1200	1245			
Grampus Sand			1245	1400			
First Salt Sand			1485	1610			
Second Salt Sand			1613	1790			
Sand			1830	1860			
Sand			1900	1945			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Maxon Sand			1952	2128			
Line			2128	2140			
Red Rock			2140	2148			
Slate & Lime Shells			2148	2210			
Sand			2210	2220			
Little Lime			2273	2318			
Big Lime			2322	2610			
Big Injun Sand			2610	2630	Weir Sand	2700-2925	Gas 2738-2885
Brown Shale			3050	3062			
Berea Sand			3062	3076	Gas in Berea.		
Slate & Shells			3076				
Total Depth			-----				
				3120			

Date.....January 6, 1942....., 19.....

APPROVED.....Hope Natural Gas Company....., Owner

By.....*[Signature]*..... General Supt.
(Title)