

New Location   
 Drill Deeper   
 Abandonment

Map Sheet 57 Squares S27E11FB.544P.27-28

Company Hope Natural Gas Co.  
 Address Clarksburg, W.Va.  
 Farm S. Alkire  
 Tract \_\_\_\_\_ Acres 159 1/2 Lease No. 11626  
 Well (Farm) No. \_\_\_\_\_ Serial No. 5249  
 Elevation (Spirit Level) 1312  
 Quadrangle Weston  
 County Lewis District Hackers Creek  
 Engineer Wm. Dewers  
 Engineer's Registration No. 900  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 8-30-49 Scale 1" = 40 P.

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

**WELL LOCATION MAP**  
 FILE NO. LEW-521-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.

"IMPERIAL" TRACING CLOTH  
 K & E CO., N. Y.

S. ALKIRE NO. 5249 WELL.

5249

Hackers Creek District, Lewis County, W. Va.  
 By Hope Natural Gas Co., 445 W. Main St., Clarksburg, W. Va.  
 Abandoned under permit Lew-.....-A?  
 On 159 $\frac{1}{4}$  acres.  
 Elevation, 1312' L.  
 Drilling commenced Aug. 22, 1918; completed Sept. 27, 1918.  
 Fresh water at 50'.  
 Salt water at 1530'.  
 10" casing, 176' (pulled); 8 $\frac{1}{4}$ " , 941' (pulled); 6 $\frac{5}{8}$ " , 1627'.  
 Casing not cemented.  
 Coal was encountered at 15-19 and 50-52'.  
 Gas well. Record to Dept. of Mines dated Sept. 2, 1949.  
 Record to RCT from Mrs. Griffith Nov. 4, 1949. Old File No. 589.

	Top.	Bottom.
Coal	15	19
Pittsburgh Coal (water, 50')	50	52
Little Dunkard Sand	481	504
Big Dunkard Sand	690	762
Gas Sand (show gas, 776')	767	780
First Salt Sand	854	878
Second Salt Sand	912	993
Maxton Sand (gas, 1530'; water, 1530')	1400	1546
Little Lime	1550	1570
Pencil Cave	1570	1594
Big Lime	1594	1652
Big Injun Sand (gas, 1724')	1652	1795
Squaw Sand	1806	1861
Berea Sand	1920	1928
Gantz Sand	1940	1965
Fifty-foot Sand	2011	2045
Thirty-foot Sand	2086	2111
Gordon Stray Sand	2270	2297
Gordon Sand (gas, 2327')	2303	2333
Fifth Sand (gas, 2425')	2423	2430
Total depth		2478



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
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589

WELL RECORD

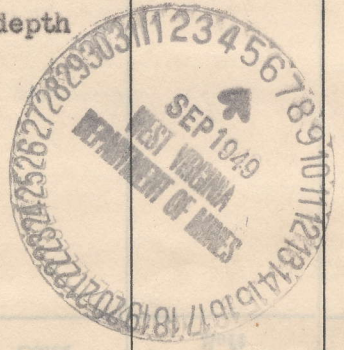
Permit No. Ab 521-A Oil or Gas Well \_\_\_\_\_ (KIND)

Company Hope Natural Gas Company.  
Address 445 West Main St. Clarksburg, W. Va.  
Farm S. Alkire Acres 159 1/2  
Location (waters) \_\_\_\_\_  
Well No. 5249 Elev. 1312  
District Hackers Creek County Lewis  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by \_\_\_\_\_  
Address \_\_\_\_\_  
Drilling commenced August 22, 1918  
Drilling completed September 27, 1918  
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 50 feet \_\_\_\_\_ feet  
Salt water 1530 feet \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	176	Pulled	Size of
8 1/4	941	Pulled	
6 5/8	1672	1672	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED Not SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
COAL WAS ENCOUNTERED AT 15 FEET 48 INCHES  
50 FEET 24 INCHES FEET INCHES  
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Coal			15	19			
Pitts. Coal			50	52	water	50	
Little Dunkard			481	504			
Big Dunkard			690	762			
Gas sand			767	780	sgow gas	776	
First Salt			854	878			
Second Salt			912	993			
Maxon			1400	1546	gas water	1530	
Little Lime			1550	1570			
Pencil cave			1570	1594			
Big Lime			1594	1652			
Big Injun			1652	1795	gas	1724	
Squaw			1806	1861			
Berea			1920	1928			
Gantz			1940	1965			
Fifty foot			2011	2045			
Thirty foot			2086	2111			
Gordon stray			2270	2297			
Gordon			2303	2333	gas	2327	
Fifth			2423	2430	gas	2425	
Total depth				2478			



NOV - 4 1919

