

Company Hope Natural Gas Co  
 Address Clarksburg, W. Va.  
 Farm Sarah M. Lantz  
 Tract \_\_\_\_\_ Acres 225 Lease No. 43735  
 Well (Farm) No. \_\_\_\_\_ Serial No. 6963  
 Elevation (Spirit Level) 1146  
 Quadrangle Phillipi  
 County Harrison District ELK  
 Engineer W.M. Bowen  
 Engineer's Registration No. 900  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 10-2-46 Scale 1" = 40 P

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

**WELL LOCATION MAP**  
 FILE NO. HAR-1020-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

870

WELL RECORD

Oil or Gas Well \_\_\_\_\_  
(KIND)

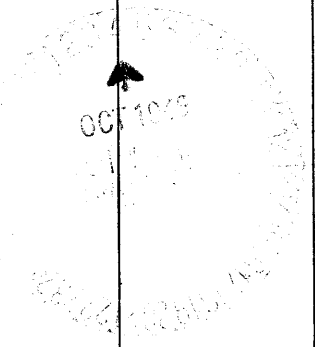
Permit No. AP 620-A

Company Hope Natural Gas Company.  
Address 445 West Main St. Clarksburg, W.Va.  
Farm Sarah M. Lantz Acres 225  
Location (waters) \_\_\_\_\_  
Well No. 6963 Elev. 1146  
District Elk County Harrison  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by \_\_\_\_\_  
Address Purchased  
Drilling commenced \_\_\_\_\_  
Drilling completed \_\_\_\_\_  
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 \_\_\_\_\_ feet \_\_\_\_\_ feet  
Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10	280	280	Size of
8 1/4	?		
6 5/8	?		Depth set
5 3/16			
3	4320	4320	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
**Cemented outside of tubing from top to bottom of hole.**  
COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
250 FEET 72 INCHES FEET INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Soil				25			
Coal			250	256			
Little Dunkard			340	380			
Big Dunkard			384	434			
First Salt			466	566			
Second Salt			805	900			
Third Salt			1040	1135			
Maxon			1235	1255			
Little Lime			1417	1427			
Pencil cave			1427	1437			
Big Lime			1437	1495			
Big Injun			1495	1615			
Squaw			1700	1735			
Gantz			1790	1900			
Fifty foot			1950	1990			
Gordon Stray			2160	2170			
Fourth			2280	2290			
Fifth			2351	2395			
Speechley			3065	3075			
Benson			4308	4320	gas	4311	
Total depth				4483			



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

Date October 3, 1946., 19\_\_\_\_

APPROVED Hope Natural Gas Company., Owner

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

