

5.44S  
0.15W

- New Location...
- Drill Deeper...
- Abandonment...

Mapsh 44 59 E 15 FB. 522 P 22.

Company	Hope Natural Gas Co.
Address	Clarksburg, W. Va.
Farm	Emma Lyon
Tract	Acres 93
Lease No.	4793
Well (Farm) No.	Serial No. 1488
Elevation (Spirit Level)	1095'
Quadrangle	Clarksburg
County	Harrison District Coal
Engineer	W. M. Bowers
Engineer's Registration No.	900
File No.	Drawing No.
Date	SEPT. 9, 1954 Scale 1" = 40P

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

**WELL LOCATION MAP**  
FILE NO. HAR-1620-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

1500

Quadrangle Clarksburg

Permit No. 1620A

WELL RECORD

Oil or Gas Well Gas  
(KIND)

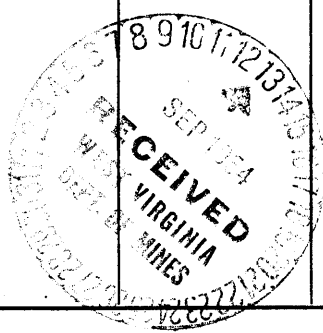
Company Hope Natural Gas Company  
 Address 445 West Main St., Clarksburg, W. Va.  
 Farm Emma Lyons Acres 93  
 Location (waters) \_\_\_\_\_  
 Well No. 1488 Elev. 1095  
 District Coal County Harrison  
 The surface of tract is owned in fee by \_\_\_\_\_  
 Address \_\_\_\_\_  
 Mineral rights are owned by \_\_\_\_\_  
 Address \_\_\_\_\_  
 Drilling commenced 12-9-09  
 Drilling completed 2-16-10  
 Date Shot 8-1-17 From 2489 To 2510  
 With 20 Qts Glycerine

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10			Size of
8 1/4 <u>101 3/4</u>			
6 5/8 <u>7 1/2</u>	<u>1553</u>	<u>1553'</u>	Depth set
5 3/16			
3	<u>67</u>	<u>Liner</u>	Perf. top
2	<u>2561</u>	<u>Pulled</u>	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Open Flow /10ths Water in \_\_\_\_\_ Inch  
 /10ths Merc. in \_\_\_\_\_ Inch  
 Volume \_\_\_\_\_ Cu. Ft.  
 Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
 Oil None \_\_\_\_\_ bbls., 1st 24 hrs.  
 Fresh water 570' \_\_\_\_\_ feet \_\_\_\_\_ feet  
 Salt water 975' \_\_\_\_\_ feet \_\_\_\_\_ feet

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
No Cementing  
 COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
Below Coal  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Pittsburgh Coal				Below			
Little Dunkard			446	462			
Big Dunkard			610	636	Water	570	
Gas Sand			720	780			
First Salt			840	875			
2nd, Salt			880	1009	Water	975	
Pencil Cave			1445	1458			
BIG LIME			1458	1535			
BIG INJUN			1535	1630	Gas	1620	
Squaw			1633	1650			
Fifty Foot			1995	2030			
Thirty Foot			2060	2158			
Gordon Stray			2173	2210			
Fourth			2360	2378			
FIFTH			2489	2510	Gas	2489-93	
TOTAL DEPTH				2535'			



(Over)

NOV 12 1954

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

Date September 10, 1954

APPROVED Hope Natural Gas Company, Owner

By \_\_\_\_\_ (Title) *Bailey*