



New Location.....  
 Drill Deeper.....  
 Abandonment..... X

Company Hope Natural Gas Co.  
 Address Clarksburg, W.Va.  
 Farm N.L. Morrison  
 Tract \_\_\_\_\_ Acres 15 Lease No. \_\_\_\_\_  
 Well (Farm) No. \_\_\_\_\_ Serial No. 7863  
 Elevation (Spirit Level) 1163  
 Quadrangle Weston  
 County Harrison District Union  
 Engineer W.M. Bowen  
 Engineer's Registration No. 900  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 7-14-43 Scale 1" = 400'

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

**WELL LOCATION MAP**  
 FILE NO. H.A.M. - 780-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

625

AP 780 A

WELL RECORD

Permit No. ....

Oil or Gas Well  
(KIND)

Company Hope Natural Gas Company.  
Address 445 West Main St. Clarksburg, W. Va.  
Farm N.L. Morrison Acres N  
Location (waters) .....  
Well No. 7843 Elev. 1163  
District Union County Harrison  
The surface of tract is owned in fee by .....  
Address .....  
Mineral rights are owned by .....  
Address .....  
Drilling commenced June 21, 1912  
Drilling completed Aug. 7, 1912  
Date Shot ..... From ..... To .....  
With .....  
Open Flow /10ths Water in ..... Inch  
/10ths Merc. in ..... Inch  
Volume no record- purchased well Cu. Ft.  
Rock Pressure ..... lbs. .... hrs.  
Oil ..... bbls., 1st 24 hrs.  
Fresh water none recorded feet ..... feet  
Salt water none recorded feet ..... feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10	238	238	Size of
8 1/2	1063	1063	
6 1/2	1517	1517	Depth set
5 3/16	2460	2460	
3	3153	Pulled	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Not cemented  
CASING CEMENTED ..... SIZE ..... No. Ft. .... Date .....  
COAL WAS ENCOUNTERED AT 325 FEET 48" INCHES  
..... FEET ..... INCHES ..... FEET ..... INCHES  
..... FEET ..... INCHES ..... FEET ..... INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Native coal			325	329			
Big Dunkard sand			522	565			
Gas sand			710	760			
First salt sand			860	910			
Second salt sand			925	1036			
Maxon sand			1100	1145			
Big Lime			1475	1535			
Big Injun sand			1535	1645			
Squaw sand			1675	1705			
Gantz sand			1927	1942			
Fifty foot sand			1995	2058			
Thirty Foot sand			2100	2142			
Gordon Stray			2198	2240			
Gordon sand			2288	2325	gas	2291	
Fourth sand			2350	2357			
Fifth sand			2423	2434	gas	2426	
Speechley sand			3106	3117	gas	3106	
Total depth				3153			



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

Date July 19, 1943., 194

APPROVED Hope Natural Gas Company., Owner

By [Signature] Gen. Sup't.

(Title)

Record of Well No. 4064 (7863) Located on N. L. Morrison Farm May 11 1913  
Union District Narrison County West Va State  
 Division OK District No. 11 Drilled under well Order 449  
 Rig built by John Craig Began May 31 1912 Completed June 4 1912  
G. M. Goughart Began June 15 1921 Completed June 30 1921  
 Well drilled by Power Co Began June 21 1912 Completed Aug 7 1912  
 Depth of Well 2458 feet Size of Hole 6 5/8 Producing Gas  
3152 5 3/16

CASED WITH			REMARKS
AMOUNT	SIZE	KIND	
16'	13"	Wood	
238'	10"	New	18" Casing Cemented
1063'	8 1/4"	Old	
1519'	6 5/8"	New	
			1-8 1/4" x 6 5/8" Larkin B. A. Cacker
2460'	5-3/16		1-5 3/16" Shoe

COAL VEINS

FORMATIONS

FORMATION	COLOR	OPEN OR CLOSE HARD OR SOFT	TOP	BOTTOM	REMARKS GAS-OIL-WATER (THICKNESS OF PAY)
Big Sand			522	565	
Big Lime			1475	1535	
Big Conger			1535	1645	
Quartz Sand			1675	1705	
Sandy "			1927	1942	
Lightly Root			1995	2058	
Heavily Root			2110	2142	
Dark Shale			2198	2240	
Bedded Shale			2288	2320	Gas 2291
Travertine "			2357	2367	
Light "			2422	2434	" 2426
Speckled Sand			3106	3117	" 3106-07 - 1/10 W 2" 103 MCF after shot - 1/10 W 2" 179 MCF
				3152	
				2458	
			New Ftg	594'	

(151) Jarvisville



**FORMATIONS**  
 FORM: 032-570

Well # 4064 N. L. Morrison

NAME	TOP	BOTTOM	OIL	GAS	WATER	REMARKS
Big Deubard	522	565				
Clas Sand	565	760				
1st. Fall Sand	760	910				
2nd "	922	1036				
Plate	1036	1100				
Sand	1100	1145				
Plate & shells	1145	1260				
Red Lime	1260	1300				
Plate & shells	1300	1335				
Lime	1335	1420				
Lime	1420	1445				
Plate	1445	1460				
Red Pck	1460	1475				
Big Lime	1475	1535				
Big Lym Sand	1535	1645				
Red Pck	1645	1650				
Plate	1650	1675				
Squaw Sand	1675	1705				
Plate & shells	1705	1927				
Plant Sand	1927	1943				
Plate	1943	1995				
Thirt. Pot. Sand	1995	2058				Steel line measurement
Shells	2058	2110				
Thirt. Pot. Sand	2110	2143				
Shells	2143	2198				
Gordon	2198	2240				
Gordon Sand	2240	2325				
Shells	2325	2350				
wt Sand	2350	2357				
Plate	2357	2423				
wt Sand	2423	2434				Wire Line
Total Depth	2460					