

LATITUDE 39° 25' 00"



1.25a
0.43w

LONGITUDE 80° 22' 30"

7.5 OGIS topo location

7.5' loc _____

15' loc _____
(calc.) _____

Company WNB Co (3487)

Farm C.F. Harbert

Quad Wallace 7'12

County Harrison

District Eagle (4)

WELL LOCATION MAP

File No. 033-31580



New Location
 Drill Depth
 Abandonment B 840

F B 532 - P 11
 Map SW 4-34 E 18 - F B 535 - P 181 3

Company HOPE NATURAL GAS CO
 Address CLAMSBURG, W VA
 Farm C F HARBERT
 Tract Area 50 Lease No. 13300
 Well Form No. _____ Serial No. 3487
 Elevation Soil Layer 376
 Quadrate 14918100
 County MORGAN
 Engineer R. H. Bradley

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

WELL LOCATION MAP
 FILE NO. WAT-1580-B

* Denotes location of well on United States Topographic Map; scale 1 to 62,500, latitude and longitude lines being indicated by dotted lines as shown.

C. F. HERBERT NO. 3487 WELL.

Eagle District, Harrison County, W. Va.
 By Hope Natural Gas Co., 445 W. Main St., Clarksburg, W. Va.
 Abandoned under permit Har-1580-A?

On 100 acres.

Elevation, 1376' L.

Drilling commenced June 8, 1914; completed Dec. 8, 1914.

No fresh water recorded.

Salt water at 1040'.

10" casing, 288'; 8", 1130' (pulled); 6", 1654'; 5", 2416'; liner,
 4 3/4", 146'.

Casing cemented; 10", 288', in 1914.

Coal was encountered at 231-236'.

Gas well. Record to Dept. of Mines dated Nov. 28, 1952.

Record to RCT from Mrs. Griffith June 10, 1953. Old File No. 1455.

	Top.	Bottom.
Pittsburgh Coal	231 -	236
Little Dunkard Sand	603 -	696
Big Dunkard Sand	720 -	810
Gas Sand	935 -	1008
First Salt Sand (gas, 1024'; water, 1040')	1012 -	1050
Second Salt Sand	1165 -	1254
Little Lime	1521 -	1528
Pencil Cave	1528 -	1550
Big Lime	1550 -	1654
Big Injun Sand	1654 -	1718
Gantz Sand	1896 -	1915
Fifty-foot Sand (show gas, 2185')	2165 -	2220
Thirty-foot Sand	2260 -	2300
Gordon Stray Sand	2413 -	2433
Gordon Sand (gas, 2449')	2445 -
Total depth		2467



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

1455

WELL RECORD

Permit No. HAR-1580-A Oil or Gas Well XXXX (KIND)

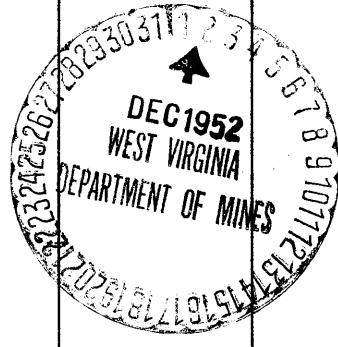
Company Hope Natural Gas Company.
Address 445 West Main St. Clarksburg, W. Va.
Farm G. F. Harbert Acres 100
Location (waters) Eagle County Harrison
Well No. 3487 Elev. 1376
District Eagle County Harrison
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced June 8, 1914
Drilling completed December 8, 1914
Date Shot From December 8, 1914 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 none recorded feet _____ feet
1040

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10			Size of
8 1/4	<u>288</u>	<u>288</u>	
6 1/2	<u>1130</u>	<u>Pulled</u>	Depth set
5 3/16	<u>1654</u>	<u>1654</u>	
3	<u>2416</u>	<u>2416</u>	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom
<u>4 1/2 x 4</u>	<u>146</u>	<u>146</u>	

CASING CEMENTED 10 SIZE 288 No. Ft. 1914 Date

COAL WAS ENCOUNTERED AT 231 FEET 60 INCHES
FEET INCHES FEET INCHES
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Pittsburgh Coal			231	236			
Little Dunkard			603	696			
Big Dunkard			720	810			
Gas sand			935	1008			
First Salt			1012	1050	gas 1024	water 1040	
Second Salt			1165	1254			
Little Lime			1521	1528			
Pencil cave			1528	1550			
Big Lime			1550	1654			
Big Injun			1654	1718			
Gantz			1896	1915			
Fifty foot			2165	2220	show gas	2185	
Thirty foot			2260	2300			
Gordon stray			2413	243			
Gordon			2445		gas	2449	
Total depth				2467			



JUN 10 1953
(Over)

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Oil or Gas Well XXXXX (KIND)

Permit No. 1442-1580H

Company Hope Natural Gas Company.
Address 445 West Main St. Clarksburg, W. Va.
Farm Location (waters) G.F. Herbert
Acres 100

Well No. 3487
Elev. 1376
District Eagle
County Harrison
The surface of tract is owned in fee by Harrison
Address
Mineral rights are owned by
Address

Drilling commenced June 8, 1914
Drilling completed December 8, 1914
Date Shot
With
Open Flow /10ths Water in Inch
Volume Cu. Ft.
Rock Pressure lbs.
Oil bbls., 1st 24 hrs.
Fresh water feet
Salt water feet

Size	Casing and Tubing	Used in Drilling	Left in Well
16			
18			
10		288	288
8%		1130	Pulled
6%		1654	1654
5 3/16		1654	2416
3		2416	
2			
Liners Used			
		14 x 4	146
		146	146
Size of			
Depth set			
Drilling commenced			
Drilling completed			
Date Shot			
With			
Open Flow			
Volume			
Rock Pressure			
Oil			
Fresh water			
Salt water			

CASING CEMENTED
SIZE 10
No. Ft. 288
Date 1914
COAL WAS ENCOUNTERED AT 231 FEET
60 INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Pittsburgh Coal			231	236			
Little Dunkard			603	696			
Big Dunkard			720	810			
Gas sand			935	1008			
First Salt			1012	1050	gas 1024 water 1040		
Second Salt			1165	1254			
Little Lime			1521	1528			
Lead cave			1528	1550			
Big Lime			1550	1654			
Big Injun			1654	1718			
Gatz			1896	1915			
Fifty foot			2165	2220	show gas	2185	
Thirty foot			2260	2300			
Gordon stray			2713	2743			
Gordon			2745	2767	gas	2749	
Total depth							



JUN 10 1914 (over)



1442-1580H