

MAP SHEET 45 S 5 W I. F. B. 584 P. 3-7

Company HOPE NATURAL GAS CO.
 Address CLARKSBURG, W.V.A.
 Farm L. C. BATES
 Tract _____ Acres 100 Lease No. 27473
 Well (Farm) No. _____ Serial No. 4016
 Elevation (Spirit Level) 1043
 Quadrangle CENTERPOINT
 County DODDRIDGE District MCCLELLAN
 Engineer Guy H. Bradley
 Engineer's Registration No. 2425
 File No. _____ Drawing No. _____
 Date 10/26/56 Scale 1" = 20 P.

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

WELL LOCATION MAP
 FILE NO. DOD-1067-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.



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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Quadrangle Centerpoint

Permit No. 1057A

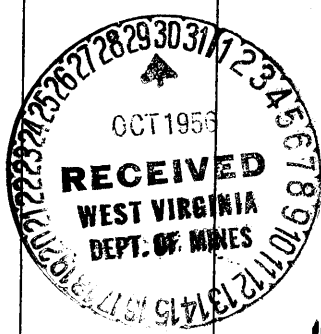
Oil or Gas Well Gas
(KIND)

Company Hope Natural Gas Company
Address Clarksburg, W. Va.
Farm L. C. Bates Acres 100
Location (waters) _____
Well No. 4016 Elev. 1043
District McClellan County Doddridge
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced 1-24-16
Drilling completed 2-6-16
Date Shot Not Shot From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume Exhausted Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil None bbls., 1st 24 hrs.
Fresh water None feet _____ feet
Salt water 1560 feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10			Size of
8 1/2	1056	1056	
6 5/8	1958	1958	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
No Cementing
COAL WAS ENCOUNTERED AT 642 FEET 96 INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Coal			642	650			
Big Dunkard			1052	1060			
First Salt			1300	1360			
2nd Salt			1410	1440			
Maxon			1720	1810	Gas	1785'	
Little Lime			1810	1920			
Pencil Cave			1920	1929			
Big Lime			1929	1998			
Big Injun			1998	2120	Gas	2018'	
Squaw			2120	2175			
Gantz			2309	2325			
Gordon Stray			2725	2740	Gas	2728'	
Gordon			2750	2751			
Fourth			2780	2795			
Total Depth				2784'			



October 29, 1956
Jack Bailey
Hope Natural Gas Company

JUN 20 1957