

LATITUDE 39° 20'

LONGITUDE 81° 10'

J. L. MAXIN
127 A

SARAH C. SHARP
65 A

pine
N65°46'W 1271'
564.40E 1239'

1759
EL=1049

co.stp.
S78°30'W 41'

J. H. RALSTON

C. P. ROSS

LEASE 110A

JOS. COCHRAN
150 A

242P
S21°30'W

243P
N22°45'E

To Cow Creek

ISABELLA
MATHEWS

N. OGDEN 1/2
W. L. RIGGS 1/4
B. F. RIGGS 1/4

pts.
S68°30'E 74P
5th.

S. S. WARDE

2.84 W
oil &

MAY - 1 1939

H.B.D.

F. B. # 669 P 32 MAP 76-57W33

Company	Hope Natural Gas Co.
Address	Clarksburg, W. Va.
Farm	J. H. Ralston
Tract	1
Acres	110
Lease No.	20139
Serial No.	1759
Well (Farm) No.	1
EL. (S. L.)	1049
Quadrangle	St. Mary's
County	Pleasants
District	Jefferson
Eng.	W. M. Bowers
Eng. Reg. No.	900
Date	4/18/39
Scale	1" = 40 Poles

5W

STATE OF WEST VIRGINIA
Department of Mines
OIL AND GAS DIVISION
Charleston

WELL LOCATION MAP

File No. Pleas-130-A

x Denotes location of well on U. S. 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

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WELL RECORD

46/130-A
Permit No. 130-A

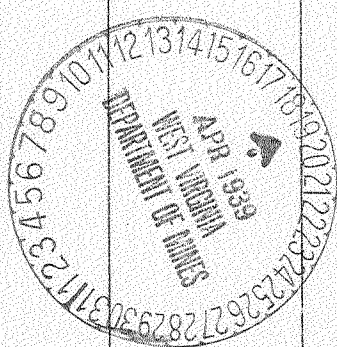
Gas
Oil or Gas Well (Kind)

Company Hope Natural Gas Company
Address Clarksburg, W. Va.
Farm J. H. Ralston Acres 110
Location (waters) Cow Creek
Well No. 1759 Elev. 1049
District Jefferson County Pleasants
The surface of tract is owned in fee by Belle Ralston
H 74. Address St. Marys, W. Va.
Mineral rights are owned by _____ Address _____
Drilling commenced No record
Drilling completed No record
Date shot 9-25-36 Depth of shot 1775-1785
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume _____ 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			Kind of Packer
16			
13			
10			Size of
<u>8 7/8</u>	<u>One String</u>		
<u>6 5/8</u>	<u>One string</u>		Depth set
5 3/16			
3		<u>1905</u>	Perf. top
2		<u>Pulled</u>	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
Not cemented
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
No coal
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Maxon Sand				1682			
Little Lime			1682	1730			
Sand			1730	1738			
Big Lime			1738	1777			
Big Injun Sand			1777	1825			
Squaw Sand			1830	1855			
Slate			1855	1890	Gas	1778-1780	
Total Depth				1890			



MAY 21 1937

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

Date April 18, 1939

APPROVED Hope Natural Gas Company, Owner

By [Signature] General Supt.
(Title) [Signature]