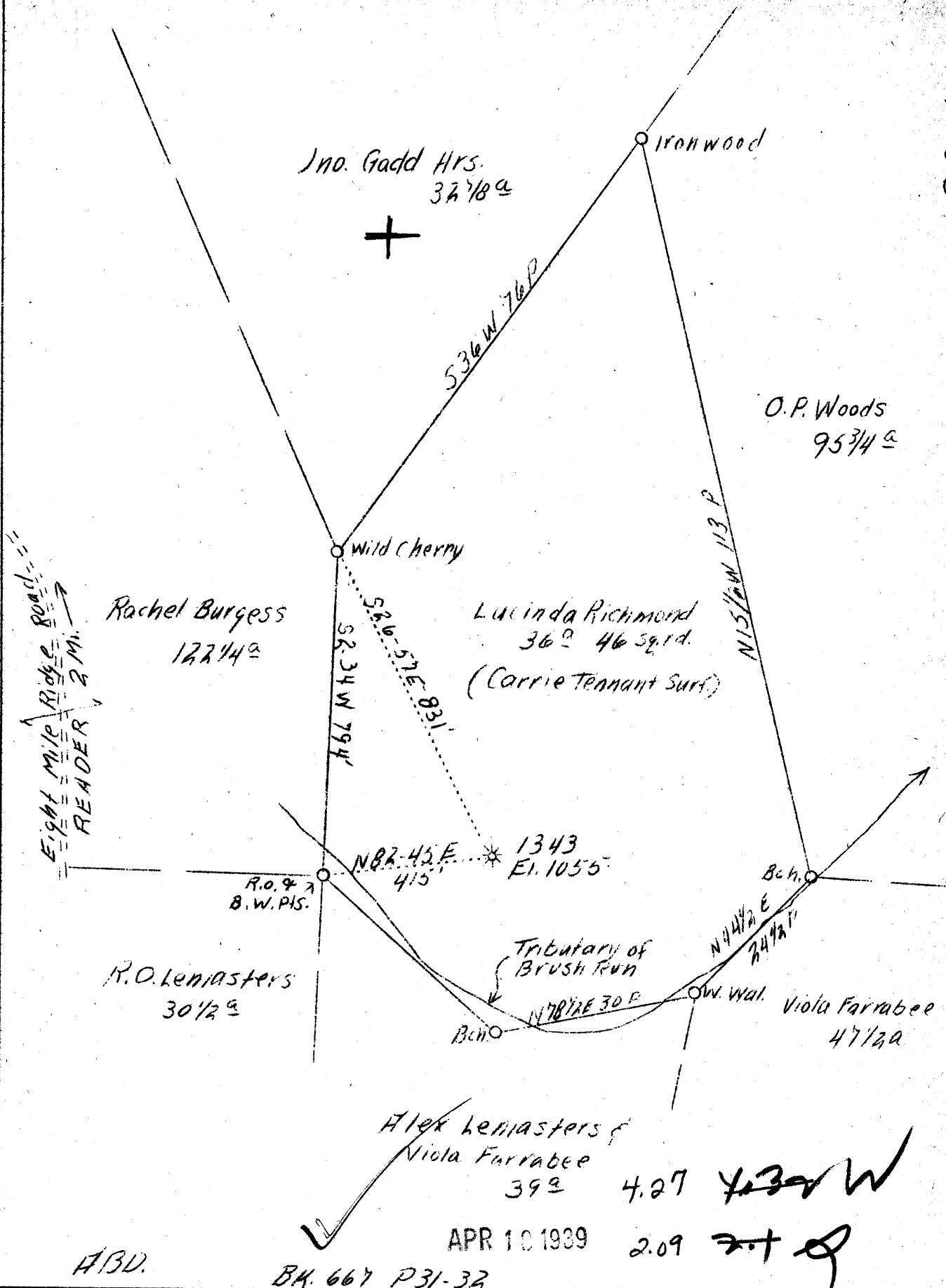


LATITUDE 39° 35'

LONGITUDE 80° 40'



Company Hope Natural Gas Co.
 Address Clarksburg, W. Va.
 Farm Lucinda Richmond
 Tract 1
 Acres 36-1/2
 Lease No. 15504
 Well (Farm) No. 1
 Serial No. 13473
 Elevation (SL) 1055
 Quadrangle Littleton
 County Wetzel
 District Green
 Engineer W. M. Bowers
 Eng. Reg. No. 900
 Date Dec. 28, 1938
 Scale 1" = 20 poles

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

WELL LOCATION MAP

File No. Wet-290-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.

SW

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

771

WELL RECORD

Permit No. 240-A

Oil or Gas Well Gas
(Kind)

Company Hope Natural Gas Company
Address Clarksburg, W. Va.
Farm Lucinda Richmond Acres 36 1/2
Location (waters) Brush Run
Well No. 1343 Elevation 1055
District Green County Wetzel
The surface of tract is owned in fee by Carrie Tennant
Address Reader, W. Va.
Mineral rights are owned by _____
Address _____
Drilling commenced July 5, 1909
Drilling completed August 16, 1909.
Date shot 3-10-1926 Depth of shot 2845-2855
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 1720 feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10	145	145	Size of
8 1/4	1210	1210	
6 5/8	1812	1812	Depth set
5 3/16	2224	2224	
3			Perf. top
2	2906	2906	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
Not cemented
COAL WAS ENCOUNTERED AT 745 FEET ? 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			745	No record			
Hurry Up Sand			805	835			
Gas Sand			1342	1372			
First Salt Sand			1420	1470			
Second Salt Sand			1610	1656			
Third Salt Sand			1680	1809	Water	1720	
Blue Monday Sand			1944	No record			
Big Injun Sand			1989	2250	Gas	1997-2004-2022	
Gordon Stray Sand			2833	2844	Gas	2834	
Gordon Sand			2845	2855	Gas	2847	
Total Depth			2906				



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

Date **March 29,** 19**39**

APPROVED **Hope Natural Gas Company**, Owner

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