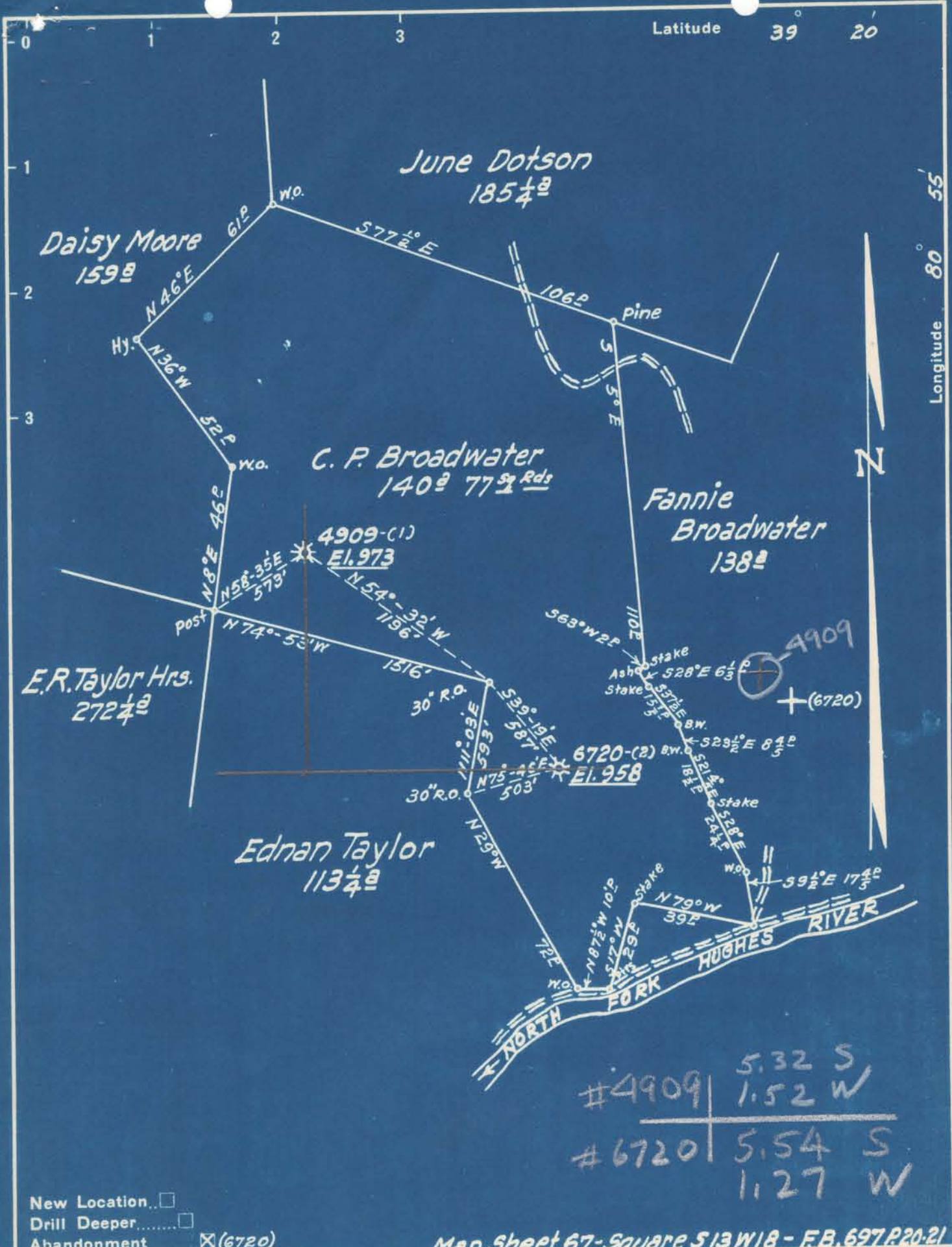


Latitude 39 20

Longitude 80 55



New Location
 Drill Deeper
 Abandonment (6720)

Map Sheet 67-Square 513W1A - FB. 697 P. 20-21

Company Hope Natural Gas Co.
 Address Clarksburg, W. Va.
 Farm C. P. Broadwater
 Tract Acres 140.77th Lease No. 23930
 Well (Farm) No. Land 2 Serial No. 4909-6720
 Elevation (Spirit Level) 973 - 958
 Quadrangle West Union
 County Ritchie District Clay SW
 Engineer Wm Bowers
 Engineer's Registration No. 900
 File No. _____ Drawing No. _____
 Date June 3, 1941 Scale 1" = 40'

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

WELL LOCATION MAP
 FILE NO. RIT-527A
6720

+ 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.

1851



796

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. 854-A Oil or Gas Well _____ (KIND)

Company Hope Natural Gas Company,
Address 445 West Main St. Clarksburg, W. Va.,
Farm C.P. Broadwater Acres 140
Location (waters) _____
Well No. 4909 Elev. 973
District Clay County Ritchie
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced September 27, 1917
Drilling completed October 31, 1917
Date Shot _____ From _____ 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 none recorded feet _____ feet
Salt water 1820 feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	160	Pulled	Size of
8 1/4	1180	Pulled	
6 5/8	1858	1858	Depth set
5 3/16			
3			Perf. top
2	2056	Pulled	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

NOT
CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 620 FEET 24 INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Coal			620	622			
Little Dunkard			1016	1034			
Big Dunkard			1122	1163			
Gas sand			1364	1463			
First Salt			1510	1550			
Second Salt			1690	1700			
Maxon			1774	1830	water	1820	
Little Lime			1838	1850			
Pencil cave			1850	1855			
Big Lime			1849 ?	1904			
Big Injun			1904	2026	gas	2010 2021	
Total depth				2059			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
			1707	1708		3170 3007	
			1708	1707			
			1700	1702			
			1709	1700			
			1717	1700	None	1700	
			1700	1700			
			1710	1700			
			1707	1700			
			1703	1700			
			1704	1707			
			1700	1700			

METT RECORD

DEPARTMENT OF MINES

Date August 6, 1948, 19

APPROVED Hope Natural Gas Company, Owner

By E. H. Tollefson (Title) Superintendent