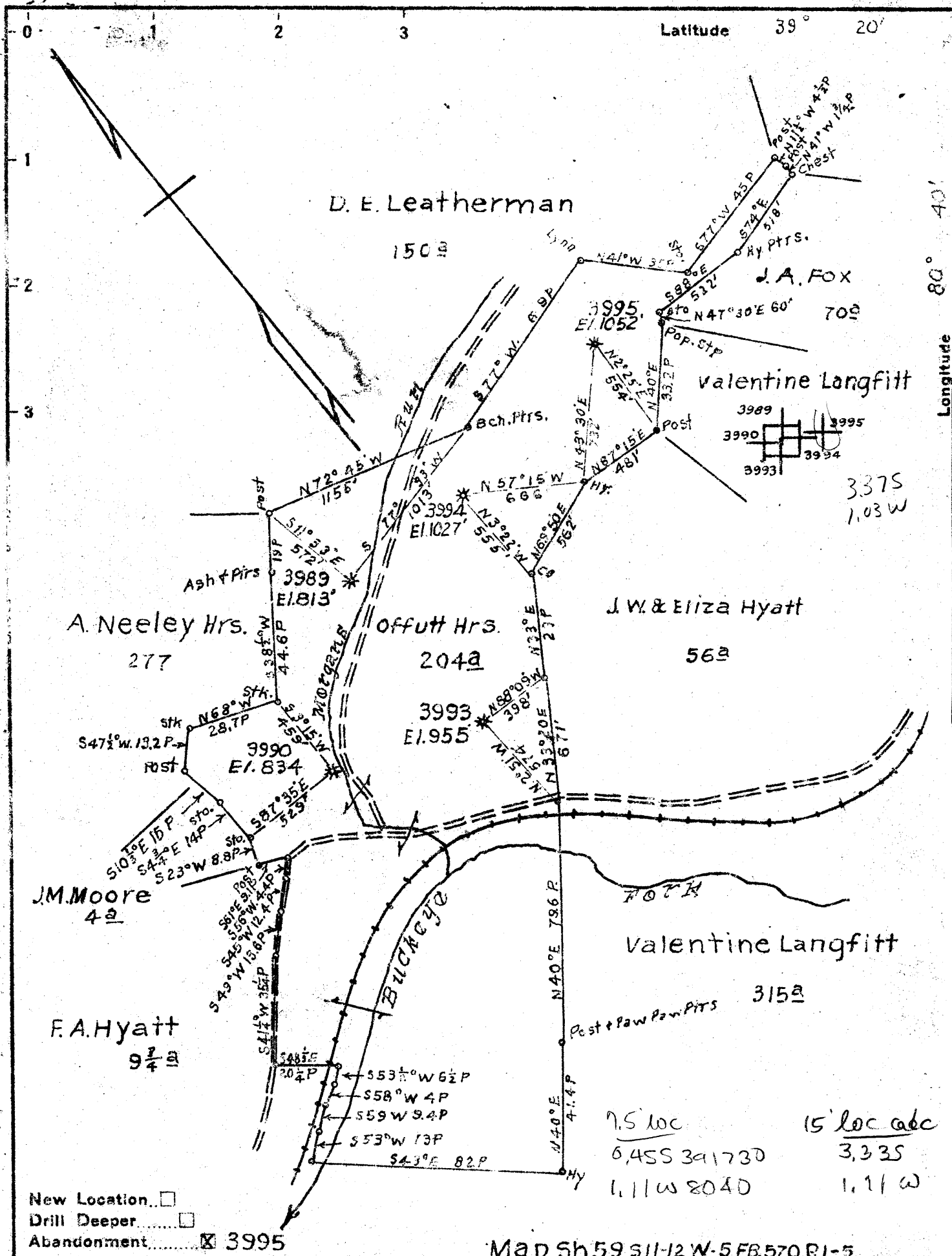


Latitude 39° 20'

Longitude 80° 40'



New Location
 Drill Deeper
 Abandonment 3995

Map Sh 59 S11-12 W-5 FB.570 RI-5

Company Hops Natural Gas Co.
 Address Clarksburg, W. Va.
 Farm Offutt Hrs.
 Tract Acres 204 Lease No. 28351
 Well (Farm) No. _____ Serial No. As Shown
 Elevation (Spirit Level) As Shown
 Quadrangle Centerpoint
 County Doddridge District Grant
 Engineer W. H. Bowers
 Engineer's Registration No. 900
 File No. _____ Drawing No. _____
 Date 6-24-48 Scale 1" = 400'

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

WELL LOCATION MAP 1948
 FILE NO. DOD-669-A -#3995
DOD-673-A -#3994

Dept Mines Annual Rpt

+ 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

Permit No. 669A

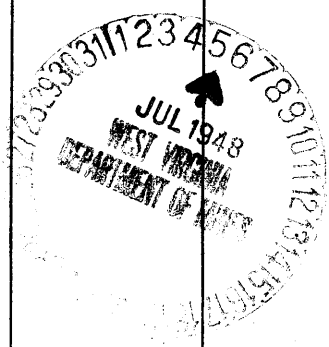
Oil or Gas Well (KIND)

Company Hope Natural Gas Co.
 Address 445 West Main St., Clarksburg W.Va.
 Farm Offutt Hrs Acres 204
 Location (waters) _____
 Well No. 3995 Elev. 1052
 District Grant County Doddridge
 The surface of tract is owned in fee by _____
 Address _____
 Mineral rights are owned by _____
 Address _____
 Drilling commenced No record
 Drilling completed No record
 Date Shot No record 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 No record feet _____ feet
 Salt water No record feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	<u>95'</u>	<u>95'</u>	Size of
8 1/4	<u>1781</u>	<u>1781</u>	Depth set
6 5/8			
5 3/16	<u>1870</u>	<u>1870</u>	Perf. top
3			Perf. bottom
2			Perf. top
Liners Used			Perf. bottom

CASING CEMENTED NOT SIZE _____ No. Ft. _____ Date _____
 COAL WAS ENCOUNTERED AT 428 FEET 72 INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Coal			<u>428</u>	<u>434</u>			
Dunkard			<u>810</u>	<u>925</u>			
Gas Sand			<u>1105</u>	<u>1155</u>			
Salt Sand			<u>1410</u>	<u>1445</u>			
Maxon			<u>1555</u>	<u>1585</u>			
Little Lime			<u>1723</u>	<u>1743</u>			
Blue Monday			<u>1743</u>	<u>1778</u>			
Big Lime			<u>1778</u>	<u>1833</u>			
Injun			<u>1833</u>	<u>No record</u>	<u>Gas</u>	<u>1833-53</u>	
Total Depth				<u>1870</u>			



017 72649

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

Date June 28, 1948, 19__

APPROVED Hope Natural Gas Co., Owner

By _____ (Title)

JAM

