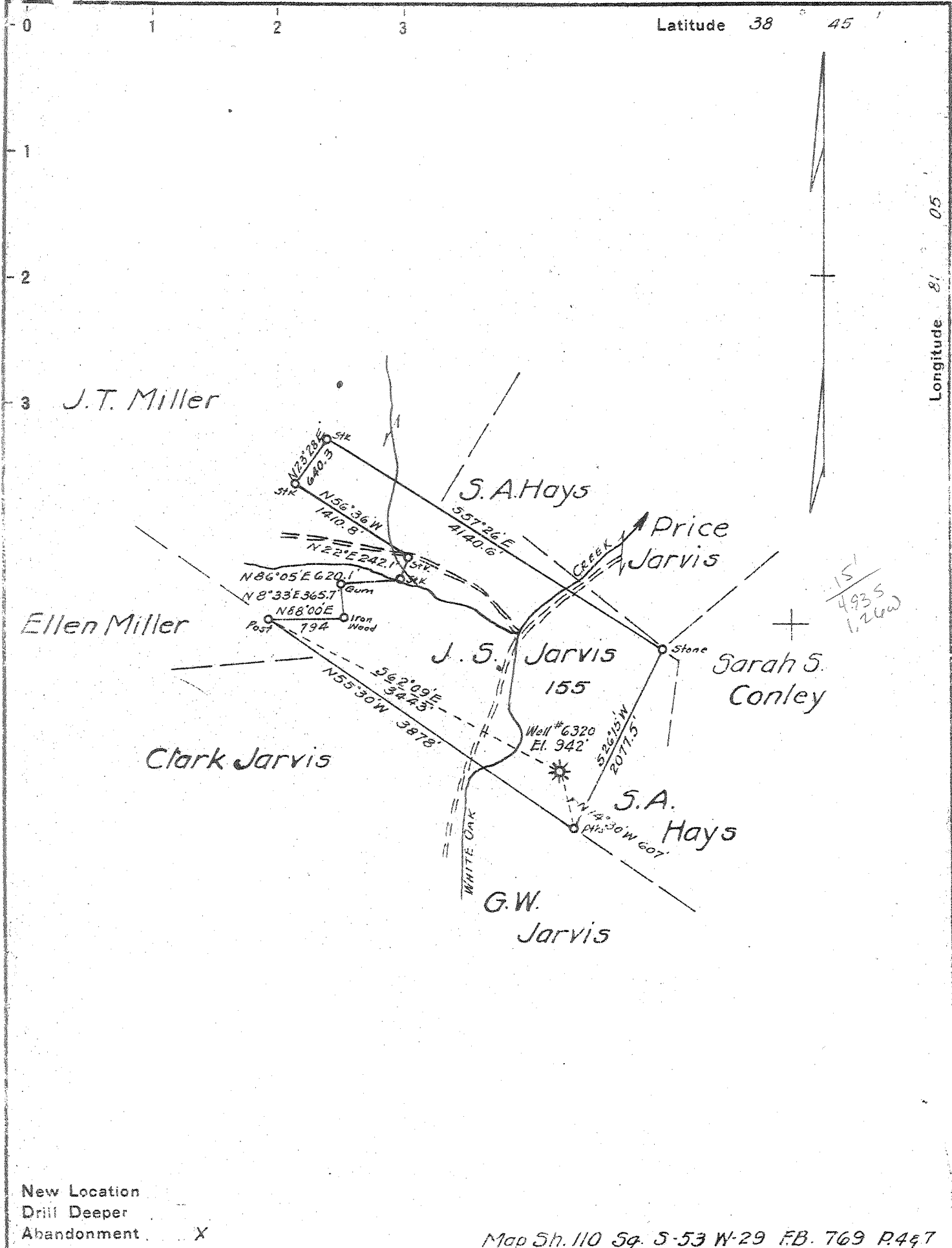


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New Location
 Drill Deeper
 Abandonment X

Map Sh. 110 Sq. S-53 W-29 F.B. 769 P.497

Company Hope Natural Gas Co.
 Address Clarksburg, W.Va.
 Farm J. S. Jarvis
 Tract _____ Acres 155 Lease No. 14589
 Well (Farm) No. _____ Serial No. 6320
 Elevation (Spirit Level) 942'
 Quadrangle Otter
 County Calhoun District Washington
 Engineer W.M. Rivers
 Engineer's Registration No. 900
 File No. _____ Drawing No. _____
 Date 2-7-45 Scale 1" = 1320

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

WELL LOCATION MAP
 FILE NO. CAL-191-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

Permit No. 191-A

Oil or Gas Well (KIND)

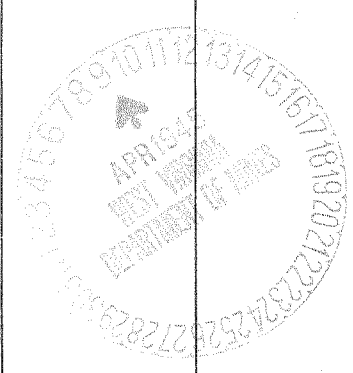
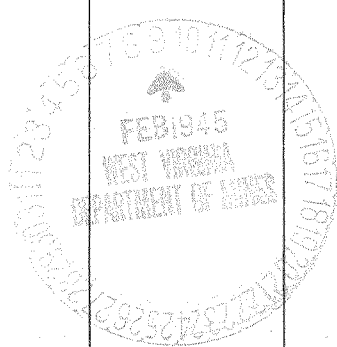
Company Hope Natural Gas Company.
Address 445 West Main St. Clarksburg, W. Va.
Farm J.S. Jarvis. Acres 155
Location (waters) _____
Well No. 6320 Elev. 942
District Washington County Calhoun
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced June 18, 1923
Drilling completed July 6, 1923
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 none recorded feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10			Size of
8 1/4	<u>415</u>	<u>415</u>	Depth set
6 3/8	<u>1054</u>	<u>1054</u>	
5 3/16			
3	<u>1282</u>	<u>Pulled</u>	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Not cemented
CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

None recorded
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

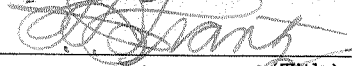
Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Little Dunkard			385	516			
Big Dunkard			560	758			
Sand			790	840			
Gas sand			1054	1097			
First Salt			1165	1242	gas 1175-91-1205-1210		
Second Salt			1271	1300			
			Drilled deeper 1925				
Third Salt			1310	1415			
Maxon			1480	1530	show gas	1485- 1490	
Little Lime			1555	1616			
Pencil cave			1616	1621			
Big Lime			1621	1722			
Big Injun			1722	1765	oil 1722-	gas 1730	
Total depth				1892			
			was filled back to	1282			
			present total depth	1282			



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

Date February 7, 1945., 194

APPROVED Hope Natural Gas Company., Owner

By 

I. D. Frenz, Ass't (Title) Gen. Supt