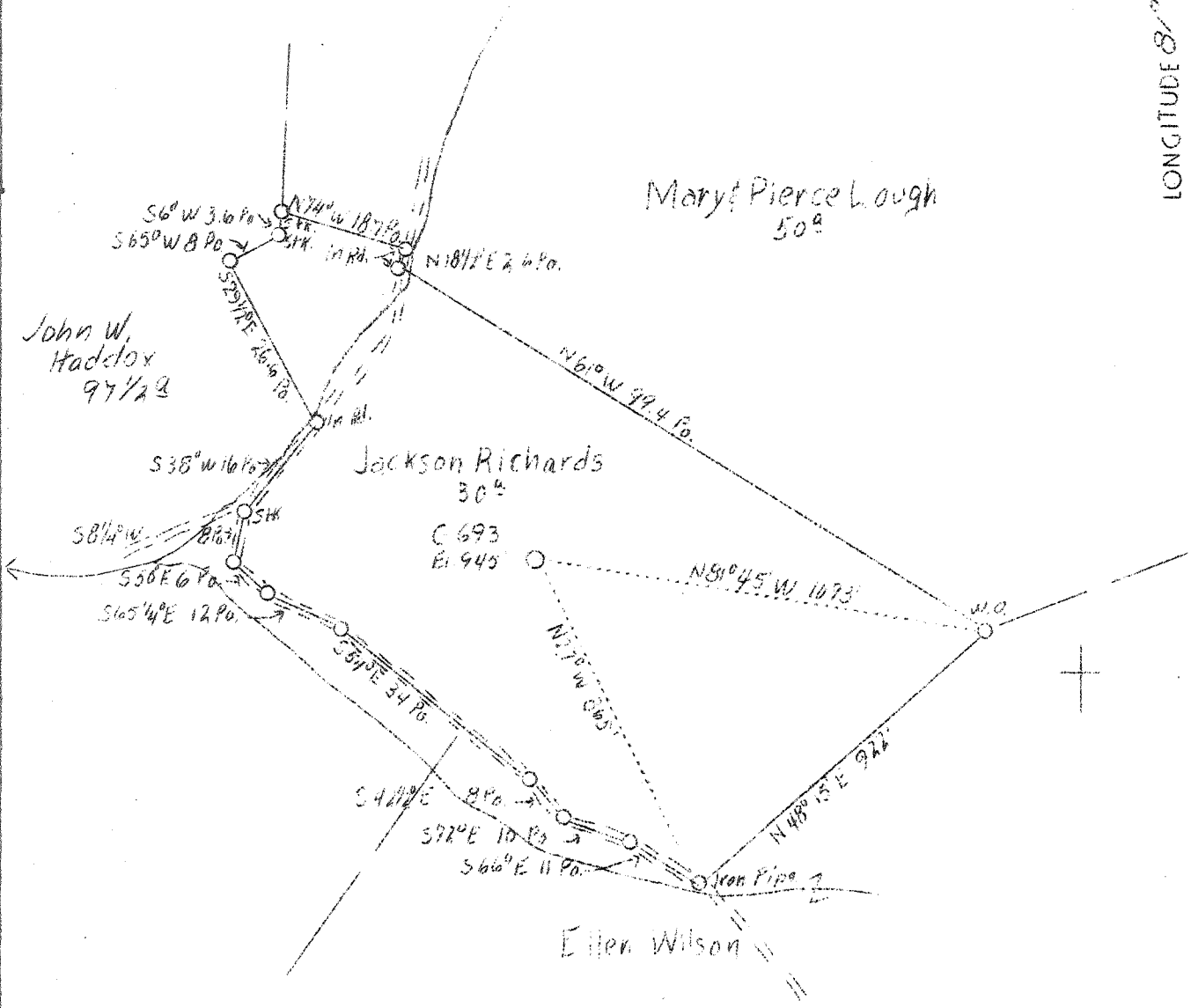


WM

LATITUDE 39° 05'

LONGITUDE 81° 05'



W-18  
5-5.55

ABD.

FB 668 P37 530 W28 5488

Company	Hope Const. & Ref. Co.	STATE OF WEST VIRGINIA
Address	Clarksburg, W. Va.	Department of Mines
Farm	Jackson Richards	OIL & GAS DIVISION
Acres	30	Charleston
Lease No.	23480	
Well (Farm) No.	One	WELL LOCATION MAP
Serial No.	C-693	File No. Cal-97-A
Elevation (SL)	945	
Quadrangle	Harrisville 30.	
County	Calhoun	x Denotes location of well on U. S. Topo- graphic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.
District	Center	- Denotes one inch spaces on border line of original tracing.
Engineer	W. M. Bowers	
Eng. Reg. No.	900	
Date	Dec. 16, 1938	
Scale	1" - 400'	

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

236

WELL RECORD

Permit No. AP-97-A.

Oil or Gas Well Oil  
(Kind)

Company <u>Hope Construction &amp; Refining Company</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>Clarksburg, W. Va.</u>	Size			
Farm <u>Jackson Richards</u> Acres <u>30</u>	16			Kind of Packer
Location (waters) <u>Leading Creek</u>	13			
Well No. <u>693</u> Elev. <u>945</u>	10	<u>414</u>	<u>Pulled</u>	Size of
District <u>Center</u> County <u>Calhoun</u>	8 1/4	<u>1063</u>	<u>1063</u>	Depth set
The surface of tract is owned in fee by <u>Jackson Richards Hrs</u> Address <u>Big Springs, W. Va.</u>	6 5/8			
Mineral rights are owned by	5 3/16	<u>1935</u>	<u>1935</u>	
Address	3			Perf. top
Drilling commenced <u>12-27-1920</u>	2	<u>2412</u>	<u>2412</u>	Perf. bottom
Drilling completed <u>1-25-1921</u>	Liners Used			Perf. top
Date shot <u>2-3-1921</u> Depth of shot <u>2371-2381</u>				Perf. bottom
Open Flow /10ths Water in _____ Inch				
/10ths Merc. in _____ Inch				
Volume _____ Cu. Ft.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date			
Rock Pressure _____ lbs. _____ hrs.	<u>Not cemented</u>			
Oil _____ bbls., 1st 24 hrs.	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Fresh water <u>74-365</u> feet _____ feet	<u>No coal</u>			
Salt water <u>None recorded</u> feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Big Dunkard Sand			1049	1081	water	84 & 365	
Gas Sand			1130	1160			
First Salt Sand			1264	1385			
Second Salt Sand			1504	1709			
Maxon S and			1810	1838			
Little Lime			1850	1873			
Pencil Cave			1873	1878			
Big Lime			1878	1968			
Big Injun Sand			1968	2032			
Berea Sand			2364	2384	Oil	2372	
Total Depth				2412			

APR 16 1921

