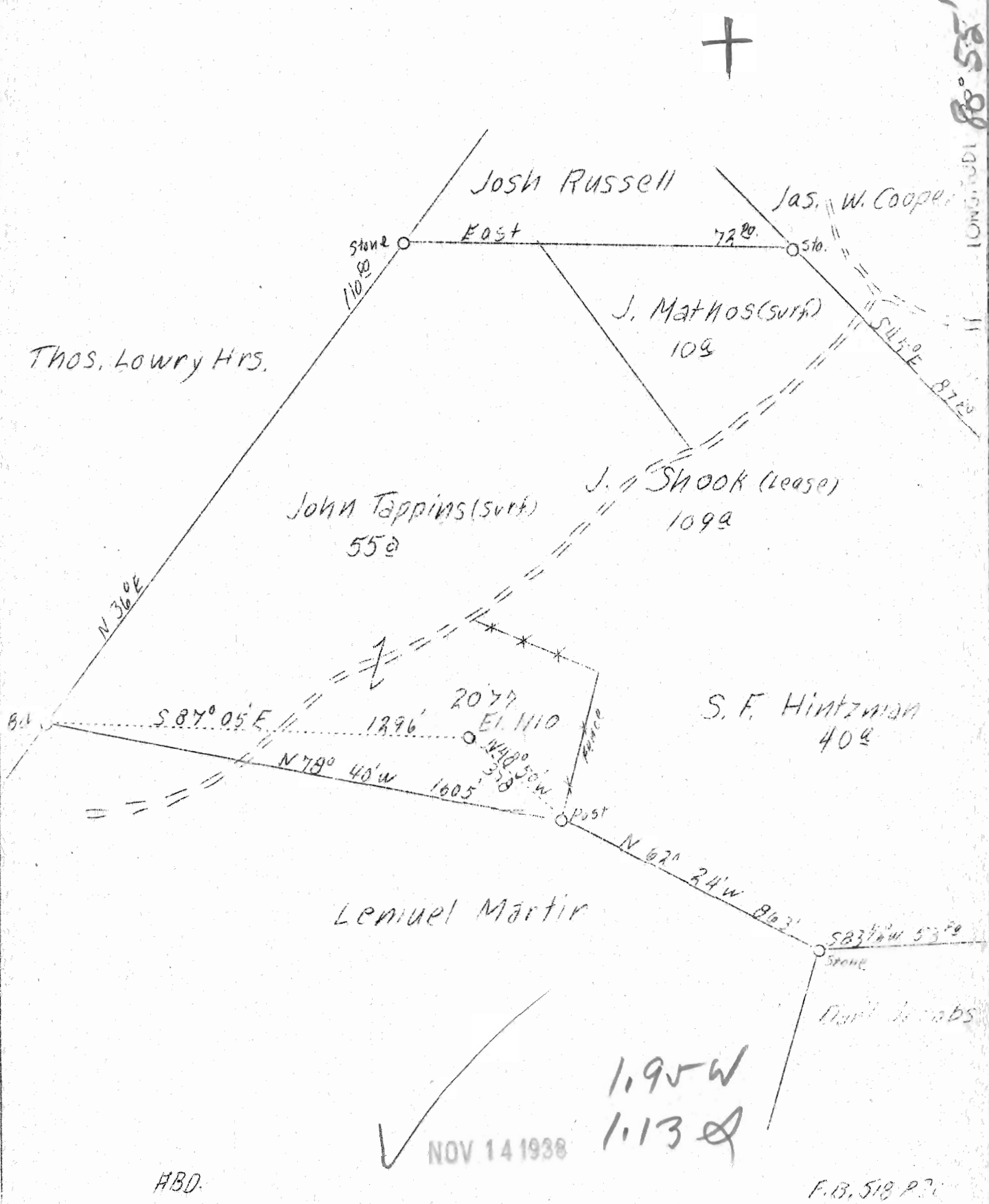


LATITUDE 39° 35'

LONGITUDE 88° 55'



Company	Hope Constr. & Ref. Co.
Address	Clarksburg, W. Va.
Farm	J. Shook
Acres	109
Lease No.	6083
Well (Farm) No.	-
Serial No.	2077
Elevation (SP)	1110
Quadrangle	New Martinsville
County	Tyler
District	Lincoln
Engineer	W. M. Bowers
Eng. Reg. No.	900
Date	Nov. 7, 1938
Scale	1" - 400'

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

WELL LOCATION MAP

File No. TYL-188-A (Jup)

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.

WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS DIVISION

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AD 188-A (copy)

WELL RECORD

Permit No.

Oil or ~~gas~~ Well Oil
(Kind)

Company Hope Construction & Refining Co.
 Address 445 West Main St. Clarkburg, W. Va.
 Farm J. Shook Acres 109
 Location (waters) Pola Cat Run
 Well No. 2077 Elev. 1110
 District Lincoln County Tyler
 The surface of tract is owned in fee by.....
 Address.....
 Mineral rights are owned by.....
 Address.....
 Drilling commenced Apr. 23, 1894
 Drilling completed May 21, 1894
 Date shot July, 1923 Depth of shot 1925
 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	195	195	Size of.....
8 1/4	900	680	
6 5/8	1575	1575	Depth set.....
5 3/16			
4 7/8	1800	1800	Perf. top.....
2			Perf. bottom.....
Liners Used.....			Perf. top.....
			Perf. bottom.....

Not cemented
 CASING CEMENTED..... SIZE..... No. FT..... Date.....
 COAL WAS ENCOUNTERED AT 350 FEET 48" 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			350	354			
First Cow Run			1200	1260			
First Salt Sand			1475	1555			
Big Lime			1800	1900			
Keener Sand			1900	1925			
Big Injun Sand			1925	1982	Oil	1925-1950	
Total Depth				1982			



192-a

K?

Lincoln District, Tyler County, W. Va.
 Hope Cons. & Ref. Co.
 Elevation, 1116' B. (1109' corrected level).
 Shown on 2-G, New Martinsville Quadrangle.

	Top.	Bottom.
Pittsburgh Coal	670	- 676
Big Injun Sand	1850	- 1971
Total, in sand, probably		1971

Pittsburgh Coal (est.)	745	
Big Injun Sand	1925	
Total depth		1982

"This record is somewhat fishy. The same is published in detail for R. J. No. 8 which has apparently been abandoned and for which there is no location nor elevation."