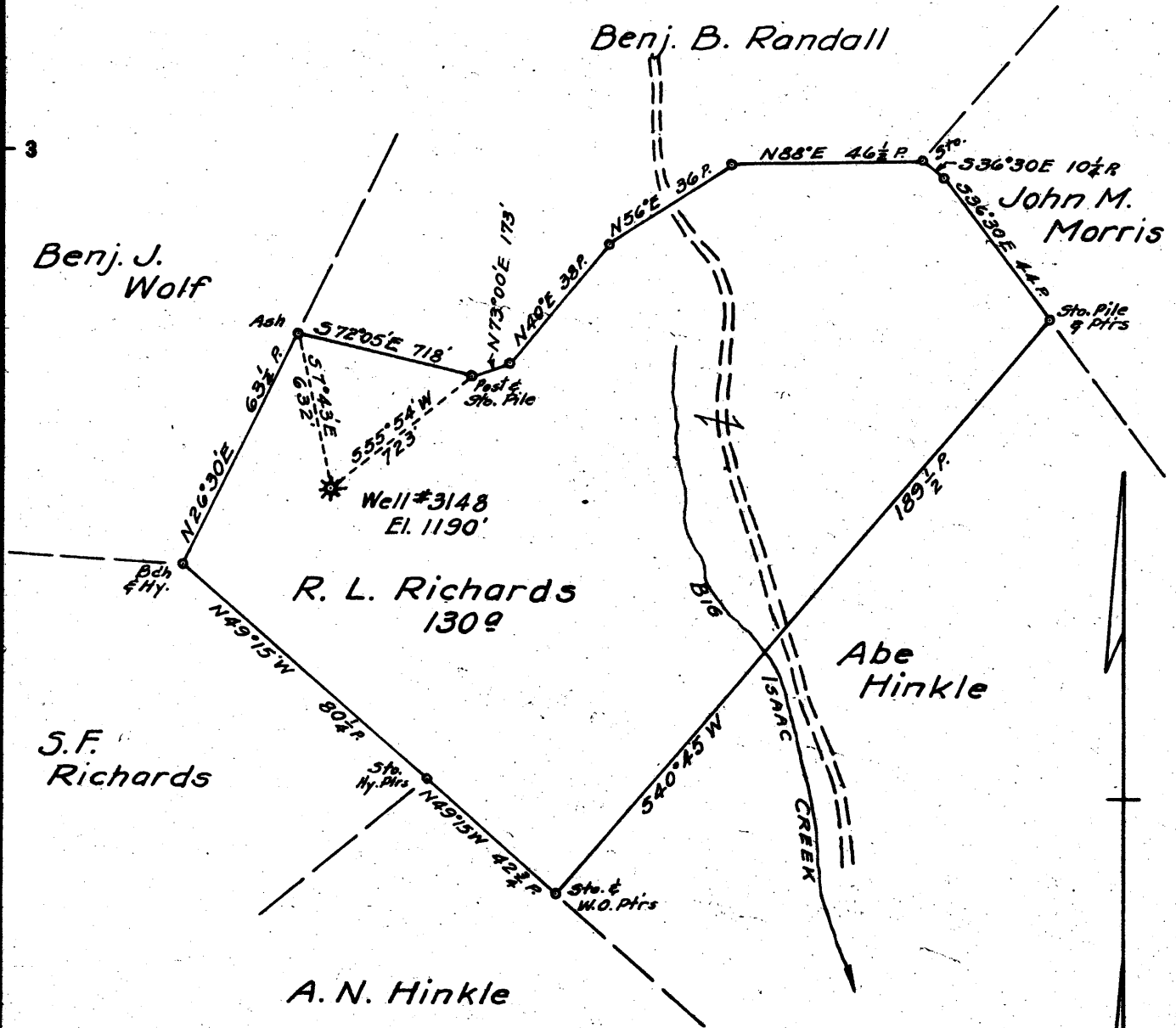


+ 1.855
4.20 W



New Location...
 Drill Deeper.....
 Abandonment.....

Map Sh. 58 Sq. S-16 E-2 F.B. 773 P. 4

Company Hope Natural Gas Co.
 Address Clarksburg, W. Va.
 Farm R. L. Richards
 Tract _____ Acres 130 Lease No. 13576
 Well (Farm) No. _____ Serial No. 3148
 Elevation (Spirit Level) 1190
 Quadrangle Vadis
 County Doddridge District Greenbriar
 Engineer Wm Bowers
 Engineer's Registration No. 900
 File No. _____ Drawing No. _____
 Date 10-31-60 Scale 1" = 40 P.

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. DOD-1151-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.

11941 on CNG map



1107

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

VADIS

Quadrangle

Permit No.

1151A

WELL RECORD

GAS

Oil or Gas Well

(KIND)

Company **Hope Natural Gas Company**
 Address **Clarksburg, West Virginia**
 Farm **R. I. Richards** Acres **130**
 Location (waters) _____
 Well No. **3148** Elev. **1190'**
 District **Greenbrier** County **Doddridge**
 The surface of tract is owned in fee by _____
 Address _____
 Mineral rights are owned by _____
 Address _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
			Kind of Packer
			Size of
			Depth set
			Perf. top
			Perf. bottom
			Perf. top
			Perf. bottom

Drilling commenced **Aug. 5, 1913**
 Drilling completed **Nov. 19, 1913**
 Date Shot **2/12/23** From **Gordon** To _____
 With **12/29/45**
 Open Flow _____ 10ths Water in _____ Inch
 _____ 10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock Pressure _____ lbs. _____ hrs.
 Oil **None** _____

 WELL ACIDIZED _____
 WELL FRACTURED **No**

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
No Cementing
 COAL WAS ENCOUNTERED AT **768** FEET **60** INCHES
 FEET _____ INCHES FEET _____ INCHES
 FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT _____
 ROCK PRESSURE AFTER TREATMENT _____
 Fresh Water **No record** Feet _____ Salt Water _____ Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Pittsburgh Coal			758	773			
Dunkard Sand			1220	1385			
Salt Sand			1650	1885			
Injun Sand			2158	2261			
Fifty Foot Sand			2731	2750	Gas at 2731		
Gordon Sand			2825		Gas at 2825		
Fourth Sand			2856	2893	Gas at 2835		
Total Depth				2843			
Deeper				2885-2-5-46			



April 6, 1961
Jack Bailey
A. N. G. Co