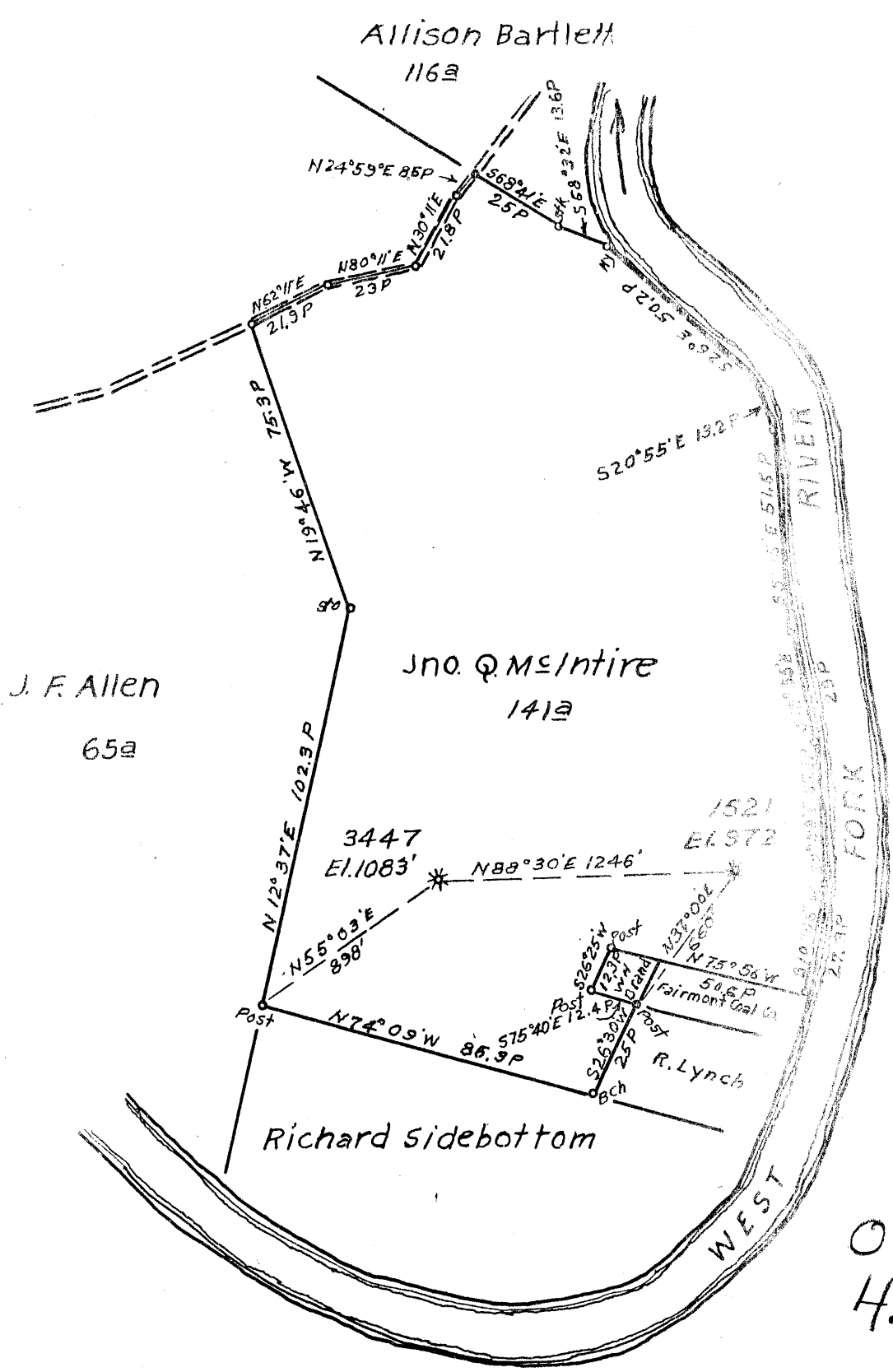


3447 1521

Longitude 80° 15'

0  
-1  
-2  
-3



0.29S  
4.01W

New Location   
 Drill Deeper   
 Abandonment  1521

Map Sh 44 S9 E16 FB 522 P 22-25

Company	Hope Natural Gas Co
Address	Clarksburg
Farm	Jno. Q. McIntire
Tract	Acres 141 Lease No. 4792
Well (Farm) No.	Serial No. 1521
Elevation (Spirit Level)	972'
Quadrangle	Clarksburg
County	Harrison District Coal
Engineer	W. M. Bowers
Engineer's Registration No.	900
File No.	Drawing No.
12-7-5A	Scale 1"=40P

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

**WELL LOCATION MAP**  
 FILE NO. HAR-1622-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 spacing on border line of original tracing.

JOHN Q. McINTYRE NO. 1521 WELL.

Coal District, Harrison County, W. Va.  
 By Hope Natural Gas Co., 445 W. Main St., Clarksburg, W. Va.  
 Abandoned under permit Har-1622-A; Clarksburg Quadrangle.  
 On 141 acres.  
 Elevation, 972' L.  
 Drilling commenced Jan. 7, 1910; completed March 7, 1910.  
 Shot Nov. 17, 1915, at 2411-2415', with 40 qts.  
 Volume, 4,300,000 cu. ft. gas (?) (4.3 M.--record).  
 Rock pressure, 47 lbs.  
 Oil, none.  
 Fresh water at 674'.  
 No salt water recorded.  
 8 $\frac{1}{4}$ " casing, 886'; 6 $\frac{5}{8}$ "<sup>11</sup>, 1397'; 5 $\frac{3}{16}$ "<sup>11</sup>, 2084'.  
 No cementing.  
 Starts below coal.  
 Gas well. Record to Dept. of Mines dated Dec. 7, 1954.  
 Record to RCT from Mrs. Griffith April 22, 1955. Old File No. 1504.

	Top.	Bottom.
Little Dunkard Sand	300	- 370
Big Dunkard Sand	370	- 450
Gas Sand	518	- 537
First Salt Sand (water, 674', hole full)	670	- 900
Maxton Sand	1255	- 1273
Little Lime	1297	- 1312
Pencil Cave	1312	- 1328
Big Lime	1328	- 1383
Big Injun Sand	1383	- 1503
Squaw Sand	1530	- 1543
Gantz Sand	1703	- 1723
Fifty-foot Sand (gas, 1940')	1930	- 1950
Gordon Stray Sand	2045	- 2080
Gordon Sand	2112	- 2125
Fourth Sand	2169	- 2209
Fifth Sand (gas, 2385')	2380	- 2396
Sand (gas, 2411')	2410	- 2413
Total depth		2434



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

1504

Quadrangle Clarksburg  
Permit No. 1622-A

WELL RECORD

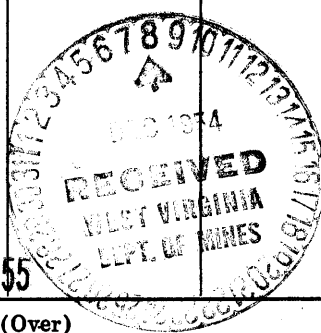
Oil or Gas Well Gas  
(KIND)

Company Hope Natural Gas Company  
Address 445 West Main St., Clarksburg, W. Va.  
Farm Jno. Q. McIntyre Acres 141  
Location (waters) \_\_\_\_\_  
Well No. 1521 Elev. 972  
District Coal County Harrison  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by \_\_\_\_\_  
Address \_\_\_\_\_  
Drilling commenced 1-7-10  
Drilling completed 3-7-10  
Date Shot 11-17-15 From 2411 To 2415  
With 40 Qts.  
Open Flow /10ths Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume 4.3 M Cu. Ft.  
Rock Pressure 47# lbs. hrs.  
Oil None bbls., 1st 24 hrs.  
Fresh water 674' feet feet  
Salt water None Recorded feet feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10			Size of
8 1/4	<u>886'</u>	<u>886'</u>	
6 5/8	<u>1397</u>	<u>1397'</u>	Depth set
5 3/16	<u>2084</u>	<u>2084</u>	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
No cementing  
COAL WAS ENCOUNTERED AT Below Coal FEET \_\_\_\_\_ INCHES \_\_\_\_\_  
FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Below Coal							
Little Dunkard			300	370			
Big Dunkard			370	450			
Gas Sand			518	537			
First Salt			670	900	Water	674	Hole Full
MAXON			1255	1273			
Little Lime			1297	1312			
Pencil Cave			1312	1328			
Big Lime			1328	1383			
BIG INJUN			1383	1503			
Squaw			1530	1543			
Gantz			1703	1723			
FIFTY FOOT			1930	1950	Gas	1940	
Gordon Stray			2045	2080			
GORDON			2112	2125			
Fourth			<del>2380</del> 2169	<del>2396</del> 2209	Gas		
Fifth			2380	2396	Gas	2385	
Sand			2410	2413	Gas	2411	
Total Depth				2434'			



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

Date December 7, 19 54

APPROVED Hope Natural Gas Company, Owner

By \_\_\_\_\_ (Title) *Bailey*