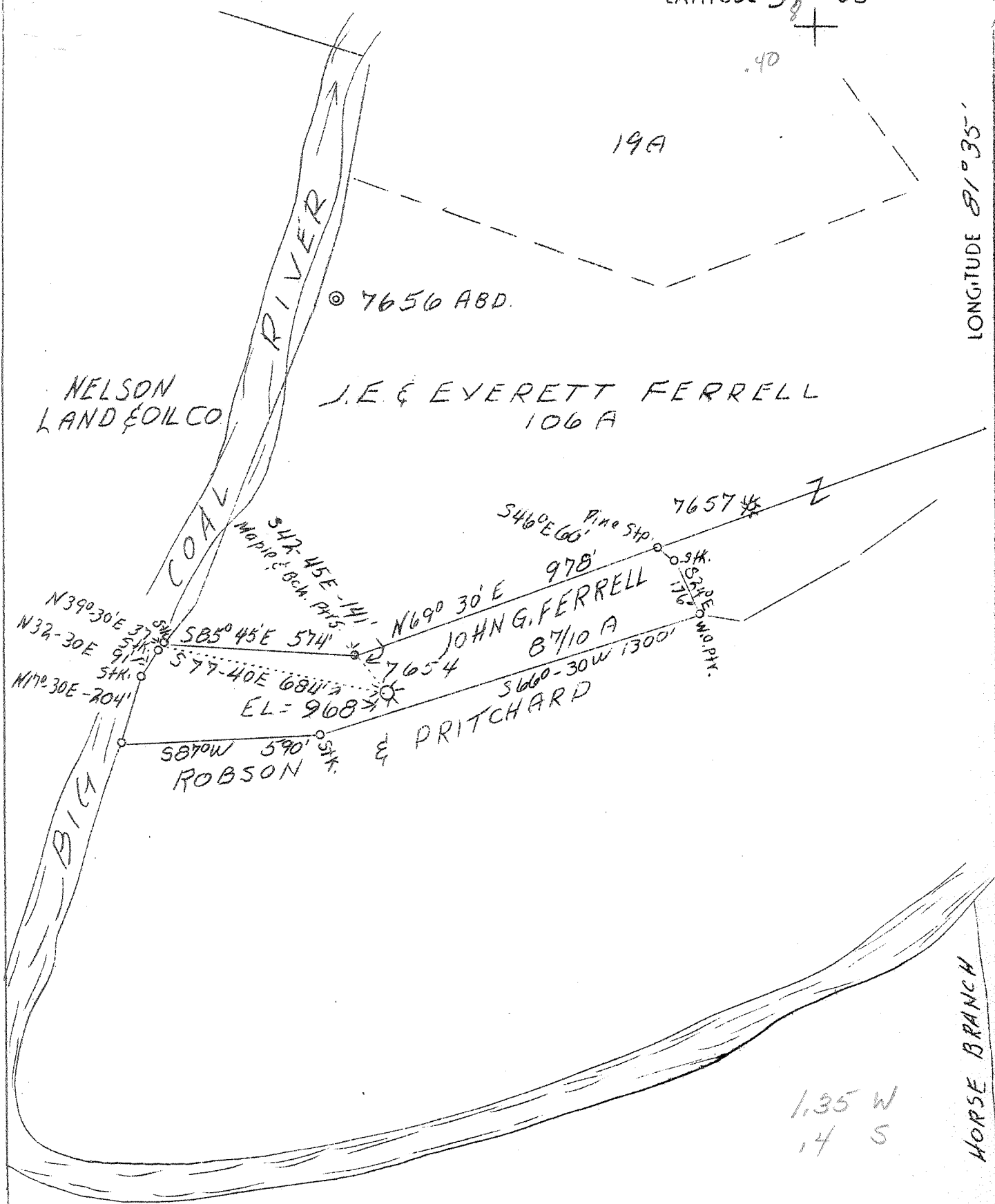


LATITUDE 38° 05'

LONGITUDE 81° 35'



ABD.

F.B. 587 PZ1 MAP 142W-593W58

Company	Hope Natural Gas Co.
Address	Clarksburg, W. Va.
Farm	John G. Ferrell
Tract	One
Acres	8
Lease No.	46362
Well (Farm) No.	One
Serial No.	7654
Elevation (SL)	968
Quadrangle	Peytona
County	Boone
District	Sherman
Engineer	W. M. Bowers
Eng. Reg. No.	900
Date	March 3, 1939
Scale	1" - 400'

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

WELL LOCATION MAP

File No. B00-67-A

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.

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

421

WELL RECORD

Permit No. B6-67-A

Oil or Gas Well Gas
(Kind)

Company Hope Natural Gas Company
Address Clarksburg, W. Va.
Farm John C. Ferrell Acres 8-7/10
Location (waters) Big Coal River
Well No. 7654 Elev. 968
District Sherman County Boone
The surface of tract is owned in fee by John C. Ferrell
Address Seth, W. Va.
Mineral rights are owned by Do.
Address _____
Drilling commenced 1-22-1921
Drilling completed 4-7-1921
Date shot Not shot Depth of shot _____
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water 370-392 feet _____ feet
Salt water 1105-1590 feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16.			Kind of Packer
13.			
10.	507	507	Size of
8 1/4	1475	1475	
6 5/8	1910	1910	Depth set
5 3/16			
3.			Perf. top
2.	2618	Pulled	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
Not cemented
COAL WAS ENCOUNTERED AT 62 FEET 36 INCHES
392 FEET 36 INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Conductor			0	0			
Sand		Hard	12	50			
Slate			50	62			
Coal			62	65			
Slate			65	100			
Lime		Hard	100	140			
Slate			140	180			
Lime			180	220			
Slate			220	235			
Sand		Hard	235	295			
Lime		"	295	335			
Slate			335	370			
Sand			370	392	Water	392	
Coal			392	395			
Slate			395	415			
Sand			415	545			
Slate			545	555			
Sand			555	565			
Lime		Hard	565	568			
Slate			568	585			
Lime		"	585	600			
Slate			600	720			
Lime			720	755			
Sand		Soft	755	836			
Slate			960	1065			
Salt Sand			1065	1225	Water	1105	
Slate			1225	1235			
Sand			1235	1445			
Slate			1445	1460			
Lime			1460	1490			
Slate			1490	1525			
Maxon Sand		Hard	1525	1650	Water	1590	
Red Rock & Slate			1655	1735			
Lime			1735	1750			
Slate			1750	1805			
Little Lime			1805	1852			
Big Lime			1855	2068	Gas	2034	
Big Injun			2068	2120			
Slate			2120	2193			
Weir Sand (Broken)			2193	2390	Show Gas	2355	
Berea Sand			2552	2592	Gas	2580-2588	
Total depth				2604			



B6-67-A 1939

