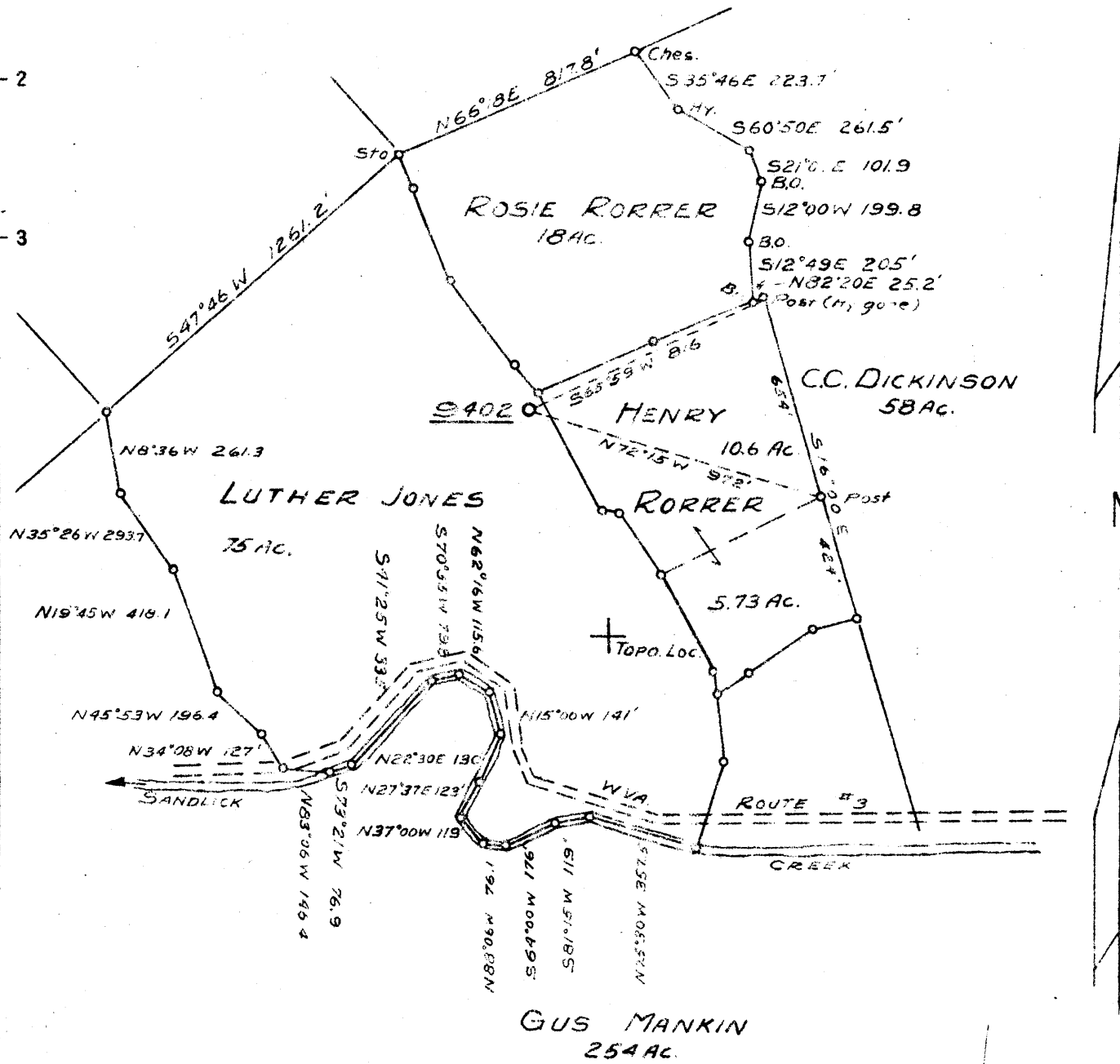


ROWLAND LAND CO.



5.72 S  
3.7 W

- New Location
- Drill Deeper
- Abandonment

MAP SHT. 180W 5111 W47 FB 903 P28-29

Company	HOPE NATURAL GAS CO.
Address	CLARKSBURG W.VA.
Farm	LUTHER JONES
Tract	Acres 75-18-16 Lease No. <sup>54317</sup> <sub>60732</sub> <sub>60732</sub>
Well (Farm) No.	Serial No. 9402
Elevation (Spirit Level)	1751'
Quadrangle	ECCLES C
County	RALEIGH District MARSH FORK
Engineer	<i>M. B. Rawner</i>
Engineer's Registration No.	900
File No.	Drawing No.
Date	NOV. 29 1949 Scale 1" = 500'

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

WELL LOCATION MAP  
FILE NO. BAL-170

+ 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.

JAS



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL RECORD

Permit No. RAL 170

Oil or Gas Well DRY  
(KIND)

Company Hope Natural Gas Company.  
Address 445 West Main St. Clarksburg, W. Va.  
Farm Luther Jones Acres 109  
Location (waters) \_\_\_\_\_  
Well No. 9402 Elev. 1751  
District Marsh Fork County Raleigh  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by \_\_\_\_\_  
Address \_\_\_\_\_  
Drilling commenced December 9, 1949  
Drilling completed April 1, 1950  
Date Shot not From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow /10ths Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume \_\_\_\_\_ Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
Fresh water 75 100 521 feet \_\_\_\_\_ feet  
Salt water 2087 2645 feet \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
18	17	17	
10	358	358	Size of
8 1/4	1405	1405	
6 3/4	2313	2313	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

8" set in 14 bags cement 9 bags Gel  
CASING CEMENTED SIZE No. Ft. Date  
7" set in 12 bags cement 10 bags Gel.  
COAL WAS ENCOUNTERED AT 510 FEET 24 INCHES  
FEET INCHES FEET INCHES  
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Surface			0	15			
Sand			15	160	water 75	100'	full full
Slate shell			160	220			
Sand			200	248			
Sand			248	285			
Gritty Lime			285	329			
Slate shell			329	352			
Lime			352	362			
Shell			362	385			
Sand			385	447			
Shell			447	465			
Sand			465	508			
Slate			508	510			
Coal			510	512			
Sand			512	532			
Slate			532	540	water	521	hole full
Sand hard			540	735			
Slate			735	740			
Sand			740	841			
Lime			841	848			
Sand			848	1025	show gas	918	
Lime			1025	1039			
Slate shell			1039	1057			
White line			1057	1071			
Red rock			1071	1073			
Slate shell			1073	1118			
Gritt Lime			1118	1146			
Lime shell			1146	1389	show gas	1168	
Gritty Lime			1389	1408			
Slate shell			1408	1430			
RAVENCLIFF			1430	1458			
Avis Lime			1458	1516			
Red rock			1516	1520			
Lime			1520	1525			
Red rock			1525	1539			
Lime			1539	1563			
Red rock			1563	1573			
Slate shell			1573	1592			
Red rock			1592	1672			

APR 1950  
M. H. HESS  
152627282930311234  
152627282930311234  
152627282930311234

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Lime			1672	1684			
Broken lime			1684	1734			
Lime			1734	1774			
UPPER MAXON			1774	1796			
Lime			1796	1834			
red rock			1834	1945			
Slate shell			1945	1969			
Lime			1959	1996			
Slate shell			1996	2034			
Lime			2034	2056			
Slate			2056	2071			
LOWER MAXON			2071	2163	water 2087	Gas 2082	
Broken lime			2163	2215			
Little Lime			2215	2243	7213		
White slate			2243	2287			
BIG LIME			2287	2673	show gas	2370 2578	
BIG INJUN			2673	2689			
Red rock			2689	2694			
Broek lime			2694	2715			
Slate shell			2715	2728			
Gritt Lime			2728	2757			
Slate			2757	2788			
WEIR			2788	2908			
Slate			2908	2911			
Total depth				2911			

*Plugged - 1950 to Total Depth  
7 2132*

Date April 24, 1950, 19

APPROVED Hope Natural Gas Company, Owner

By \_\_\_\_\_ (Title) \_\_\_\_\_

(Title) *[Signature]*