

New Location   
 Drill Deeper   
 Abandonment  5938 FORMERLY H. N. G. CO. WELL No 5938

AUG 9 1960

Company	P. & J. DEVELOPMENT CO.
Address	HAMLIN, W. VA.
Farm	V. J. UMSTEAD
Tract	Acres 40 Lease No. 23688
Well (Farm) No.	Serial No. 5938
Elevation (Spirit Level)	1105'
Quadrangle	ARNOLDSBURG
County	CALHOUN District SHERMAN
Engineer	HENRY A. HAIN
Engineer's Registration No.	3150
File No.	P. & J. 20-60 Drawing No.
Date	JULY 8, 1960 Scale 1" = 40 POLES

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

WELL LOCATION MAP  
 FILE NO. CAL-370-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.

V. J. UMSTEAD No. 5938 (Hain) P. & J. DEV. Co. - CAL-370-A

Latitude 38° 55'

Longitude 81° 05'

3.57 S  
1156 W

S. J. Slider Hrs.  
55<sup>a</sup>.

Clinton Shock

Stk. 381°E-32P Stone

Lewis Little  
56<sup>a</sup>

5938  
El. 1105'  
V. J.  
UMSTEAD  
40<sup>a</sup>.

V. J. Umstead  
60<sup>a</sup>.

Luthe Little  
31<sup>a</sup>.

Tell Mc Donald

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STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Quadrangle Arnoldsburg

WELL RECORD

Permit No. 370-A

Oil or Gas Well Gas  
(KIND)

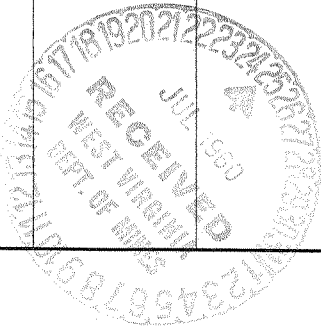
Company Hope Natural Gas Co.  
 Address Clarksburg, W. Va.  
 Farm V. J. Umstead Acres 40  
 Location (waters) Lick Run  
 Well No. 5938 Elev. 1105'  
 District Sherman County Calhoun  
 The surface of tract is owned in fee by \_\_\_\_\_  
 Address \_\_\_\_\_  
 Mineral rights are owned by \_\_\_\_\_  
 Address \_\_\_\_\_  
 Drilling commenced Jan. 15, 1921  
 Drilling completed Mar. 17, 1921  
 Date Shot 3/23/21 From \_\_\_\_\_ To \_\_\_\_\_  
 With 20 qts.  
 Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
 \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
 Volume 554,400 Cu. Ft.  
 Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
 Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
 WELL ACIDIZED \_\_\_\_\_  
 WELL FRACTURED \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	<u>168'</u>	<u>None</u>	Size of
8 1/4	<u>1004'</u>	<u>1004'</u>	
6 3/8	<u>2017'</u>	<u>2017'</u>	Depth set
5 3/16			
3			Perf. top
2	<u>2245'</u>	<u>2245'</u>	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

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

RESULT AFTER TREATMENT \_\_\_\_\_  
 ROCK PRESSURE AFTER TREATMENT \_\_\_\_\_  
 Fresh Water \_\_\_\_\_ Feet Salt Water \_\_\_\_\_ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Dunkard Sand			875'	1045'	Water 80'		
Salt Sand			1205'	1734'			
Maxon Sand			1790'	1850'	Gas 1816'- 1821' Water 1830' Gas 1839'- 1842'		
Injun Sand			2128'	2215'	Gas 2138'- 2145' Water 1917' Gas 2168'- 2198' Water 1985'		
Berea Sand			2311'	2343'			
					Total Depth	<u>2245'</u>	?
						<u>2345'</u>	



JAN 3 1961