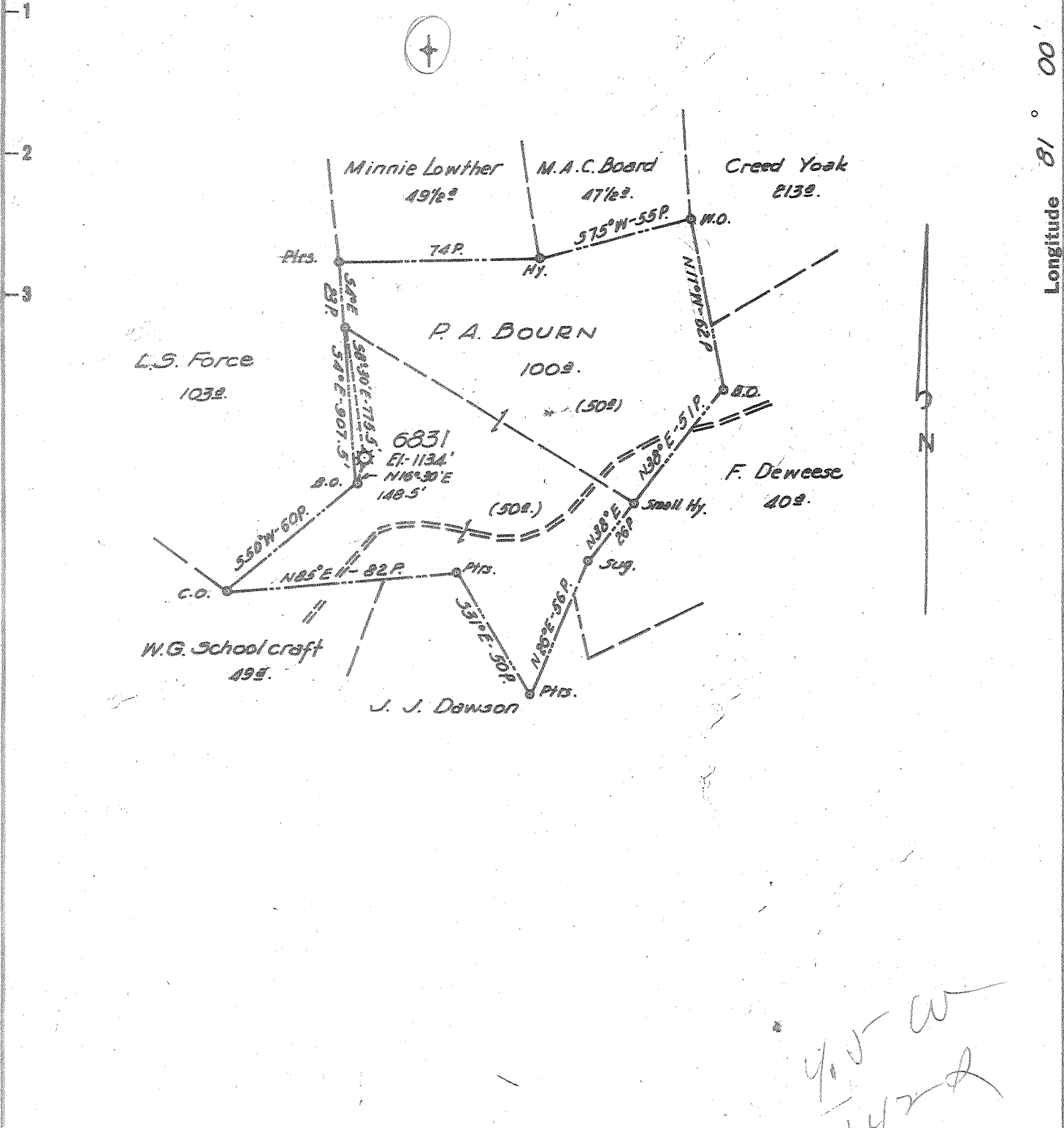


Latitude 38° 50'

Longitude 81° 00'



AUG 9 1960

New Location
 Drill Deeper
 Abandonment 6831 FORMERLY H.N.G. Co. WELL No 6831

Company	<u>P & J DEVELOPMENT Co.</u>
Address	<u>HAMLIN, W. VA.</u>
Farm	<u>P. A. BOURN</u>
Tract	Acres <u>100</u> Lease No. <u>35605</u>
Well (Farm) No.	Serial No. <u>6831</u>
Elevation (Spirit Level)	<u>1134'</u>
Quadrangle	<u>ARNOLDSBURG</u>
County	<u>CALHOUN</u> District <u>SHERMAN</u>
Engineer	<u>HENRY A. HAIN</u>
Engineer's Registration No.	<u>3150</u>
File No.	<u>P&J 25-60</u> Drawing No. _____
Date	<u>JULY 12, 1960</u> Scale <u>1" = 50 FEET</u>

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

WELL LOCATION MAP
 FILE NO. CAL-372-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.

P. A. BOURN No-6831 (Hope) - P. & J. DEV. Co. - CAL-372-A



522

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Arnoldsburg SE

Permit No. 377-A

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Hope Natural Gas Co.
 Address Clarksburg, W. Va.
 Farm P. A. Bourn Acres 100
 Location (waters) Cabin Run
 Well No. 6831 Elev. 1194'
 District Sherman County Calhoun
 The surface of tract is owned in fee by _____
 Address _____
 Mineral rights are owned by _____
 Address _____
 Drilling commenced Nov. 30, 1926
 Drilling completed Feb. 8, 1927
 Date Shot _____ 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.
 WELL ACIDIZED _____
 WELL FRACTURED _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer <u>H. W. & A.</u>
16			
13			
10	<u>221' 1"</u>	<u>221' 1"</u>	Size of <u>6 1/8 x 3</u>
8 3/4	<u>1083' 10"</u>	<u>1083' 10"</u>	
6 3/4	<u>2148' 6"</u>	<u>2148' 6"</u>	Depth set <u>2185' 3"</u>
5 3/16			
3	<u>2252' 10"</u>	<u>2252' 10"</u>	Perf. top _____
2	<u>9' 10"</u>	<u>9' 10"</u>	Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

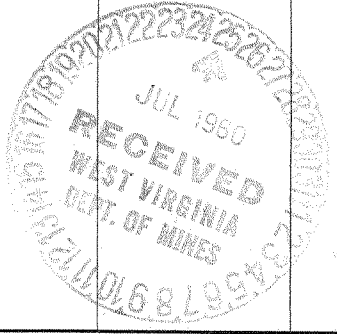
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

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 (L)			1015'	1030'			
Dunkard Sand (B)			1120'	1220'			
Salt Sand (1)			1445'	1525'			
Salt Sand (2)			1745'	1775'			
Salt Sand (Break)			1860'	1960'			
Maxon Sand			2000'	2098'	Oil 2057' Water 2075'		
Big Lime			2134'	2215'	Gas 2138'		
Injun Sand			2215'		Gas 2249'- 2254'		
					Total Depth	2254'	



JAN - 3 1961