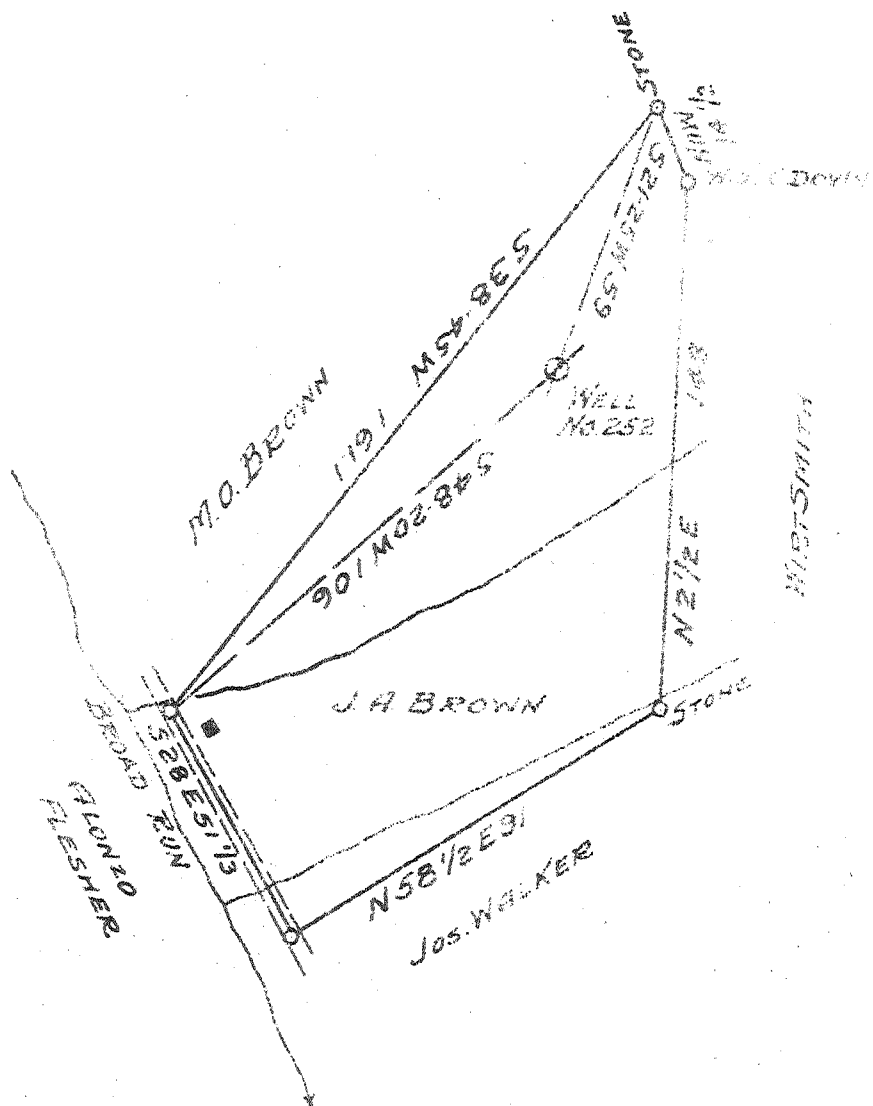


Latitude 39° 10'

2.13
95 W

80° 25'



New Location
 Drill Deeper
 Abandonment

Company CARNEGIE NATURAL GAS CO.
 Address PITTSBURGH, PA.
 Farm J.A. BROWN
 Tract _____ Acres 63 Lease No. 6919-63
 Well (Farm) No. 1 Serial No. 252
 Elevation (Spirit Level) 1102.8
 Quadrangle WESTON S.W. 1/4.
 County LEWIS District HACKERS CK.
 Engineer M.L.B. LINGER.
 Engineer's Registration No. _____
 File No. _____ Drawing No. _____
 Date 1-2-30 Scale 1" = 40 FEET.

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

WELL LOCATION MAP
 FILE NO. LEW-261-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.



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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. 261-A

WELL TO BE ABANDONED

Oil or Gas Well GAS
(KIND)

Company CARNEGIE NATURAL GAS COMPANY
Address 1015 FRICK BUILDING, PITTSBURGH, PA.
Farm J. A. BROWN Acres 63
Location (waters) BROAD RUN
Well No. 252 Elev. 1102
District HACKERS CREEK County LEWIS
The surface of tract is owned in fee by HUGH RAMSBURG
Address JANE LEW, W. VA.
Mineral rights are owned by HUGH RAMSBURG
Address JANE LEW, W. VA.
Drilling commenced 5-27-12
Drilling completed 10-11-12
Date Shot 4-4-30 From 1193 To 1200
With 15 Qts.
Open Flow 50 /10ths Water in 2 Inch
/10ths Merc. in Inch
Volume 298,000 Cu. Ft.
Rock Pressure lbs hrs.
Oil bbls., 1st 24 hrs.
Fresh water feet feet
Salt water feet feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			<u>Anchor</u>
10			Size of
8 1/4		<u>960'</u>	<u>8 1/4" x 3</u>
6 1/2			Depth set
5 3/16			<u>1178'</u>
3		<u>1219'</u>	Perf. top
2			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

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Dunkard Sand			180'	240'			
Gas Sand			325'	350'			
1st Salt Sand			690'	730'			
2nd Salt Sand			865'	875'			
3rd salt Sand			875'	925'			
Maxton Sand			1140'		<u>Gas</u>	<u>1170'</u>	
TOTAL DEPTH				<u>1219'</u>			

