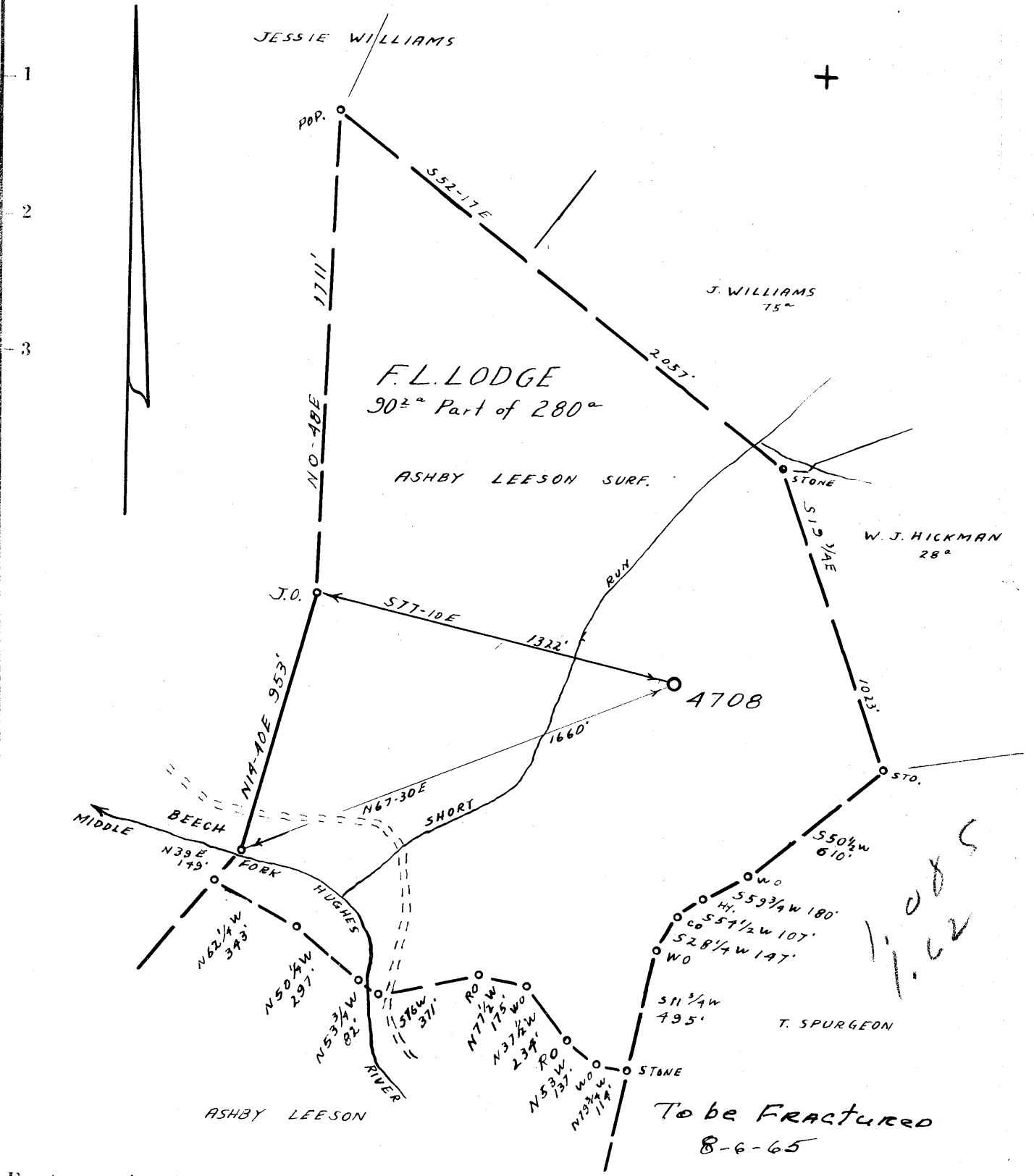


Latitude 39° 10'

Longitude 80° 45'



- Fracture... 8-3-65
- Redrill...
- New Location...
- Drill Deeper...
- Abandonment...

Source of Elevation ROAD FORK SOUTH OF WELL, ELV. 882'
 I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.
 Minimum accuracy, one part in 200

Company EQUITABLE GAS CO. W.VA. DIV.
 Address CLARKSBURG, W.VA.
 Farm F. L. LODGE
 Tract _____ Acres 280 Lease No. 4737
 Well (Farm) No. 3 Serial No. 4708
 Elevation (Spirit Level) 1103'
 Quadrangle HOLBROOK NE 4° EC
 County DODDRIDGE District COVE
 Engineer James Duffin
 Engineer's Registration No. 1084
 File No. D-27/17 Drawing No. _____
 Date 5-3-48 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. Doo-125-D-FRAC

+ 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.

6-6 133

WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
W E L L R E C O R D

Permit No. Dod 185 D
Holbrook Quad.

Gas Well
CASING & TUBING

Company	Pittsburgh & W.Va. Gas Company
Address	Clarksburg, W.Va.
Farm	F.L. Lodge Acres 280
Location	Holbrook N/E 4-3
Well No.	4708 Elev. 1103
District	Coye Doddridge County
Surface	A.L. Leeson, Blandville, W.Va.
Mineral	A.L. Leeson et al, Blandville, W.Va.
Commenced	May 20, 1948
Completed	June 2, 1948
Open flow	72/10ths W in 1 1/4"
Volume	108,000 C.F.
Rock Pressure	440 lbs. 14 hrs.

6 5/8 1840 1840

DRILLED DEEPER

Began drilling deeper at 1703			
Lime Gr	H	1703	1775
Slate Dk	S	1775	1783
Lime Gr	H	1783	1791
Slate Dk	S	1791	1793
Lime Gr	H	1793	1795
Slate Dk	S	1795	1808
Lime Gr	H	1808	1821
Slate Dk	S	1821	1824
Big Lime Gr	H	1824	1885
Big Injun	H	1885	1981
Red Rock	S	1981	1985
Slate & Shells		1985	2008
Total Depth			2008

Gas 1900-1901	
Gas 1943-1946	88/10 W 1 1/4" opng.
Sh. Oil 1943-46	

1703
 1775
 1783
 1791
 1793
 1795
 1808
 1821
 1824
 1885
 1981
 1985
 2008

 2008



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
HYDRAFRAC
WELL RECORD

Rotary
Spudder
Cable Tools
Storage *R.S.*
Oil or Gas Well Oil (KIND)

Quadrangle Holbrook NE 4.C
Permit No. DOD-185-D-FRAC

Company Equitable Gas Company
Address 420 Blvd of the Allies, Pgh., Pa. 15219
Farm E. L. Lodge Acres 280
Location (waters) Holbrook NE 4.C
Well No. 4708 Elev. 1,103
District Cove County Doddridge
The surface of tract is owned in fee by Nettie Loeson
Atty. in fact Address Auburn, W. Va.
Mineral rights are owned by M. Barnett, Atty. in fact
and others Address West Union, W. Va.
Repair commenced 8-13-65
Repair completed 9-14-65
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 8-24-65

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			None
13			Size of _____
10	192	192	Depth set _____
8 1/4	1025	1025	Perf. top <u>1938</u>
6 3/4	1837	1837	Perf. bottom _____
5 3/16		1935	Perf. top _____
3			Perf. bottom _____
2		1956	Perf. top _____
Liners Used			Perf. bottom _____

CASING CEMENTED 5-3/16 SIZE 300 No. Ft. _____ Date
1935 to 1635
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT 258 bbls. oil - 26 hrs. - 399 MCF Gas
ROCK PRESSURE AFTER TREATMENT 110 lbs. - 21 minutes
Fresh Water _____ Feet Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Big Dunkard Sand			850	860			
Salt Sand			1172	1198			
" "			1293	1300			
" "			1334	1375			
" "			1514	1580			
Maxton Sand			1662	1697			
Little Lime			1773	1787			
" "			1793	1816			
Big Lime			1836	1886			
Big Injun Sand			1889	1974	Gas Gas & Oil " "	1901 1953-55 1964-72	Temperature " "
Cleaned Out to Stone			2003	2003			
Cal Seal			1982	1982			
Cavings			1971	1971			
Completed Total Depth				1966			

NOTE: Well fraced on 8-24-65
Log shown from Gamma Ray Survey.

