

Minimum Error of Closure 1 IN 200
Source of Elevation USGS BM 730 Main Huggate Fork

"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."

~~Deep~~ ~~Drill~~
Drill Deeper
Abandonment
LACUNA 1-10-72

Company HARRY A. HOLTOM
Address 308 HIGH ST., WORTHINGTON, OHIO
Farm WEIRTON ICE & FUEL
Tract _____ Acres 91 Lease No. _____
Well (Farm) No. 1 Serial No. _____
Elevation (Spirit Level) 826.0
Quadrangle CHARLESTON N
County KANAWHA District POCA
Engineer N. L. Sefton
Engineer's Registration No. 1832
File No. _____ Drawing No. _____
Date DEC. 7 '71 Scale 1" = 500'

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

WELL LOCATION MAP
FILE NO. KAN-2547-F

✦ 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.

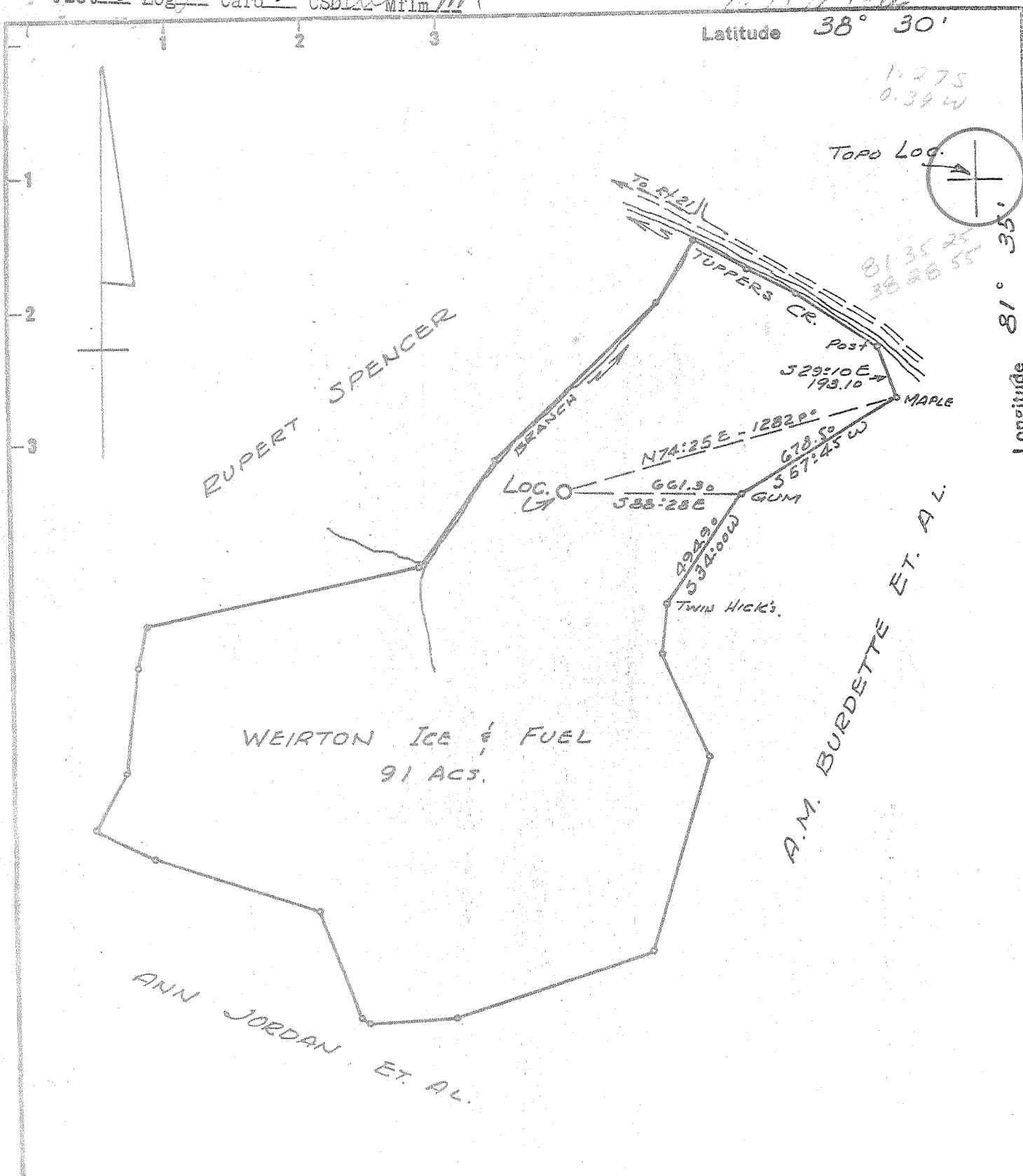
Deep well

1:275
0:39 W

Topo Log.

81 35 25
38 28 55

Longitude $81^{\circ} 35'$



New Location
 Drill Deeper
 Abandonment

Minimum Error of Closure 1 IN. 200
 Source of Elevation U.S.G.S. B.M. 730 Mouth Huggard Fork

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Company HARRY A. HOLTOM
 Address 808 HIGH ST., WORTHINGTON, OHIO
 Farm WEIRTON ICE & FUEL
 Tract _____ Acres 91 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 826.0
 Quadrangle CHARLESTON NC
 County KANAWHA District POCA
 Engineer N.L. Sefton
 Engineer's Registration No. 1832
 File No. _____ Drawing No. _____
 Date DEC. 7 '71 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. KAN-2547

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RECEIVED

FEB 9 1972

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

WELL RECORD

Rotary X Oil _____
Cable _____ Gas _____
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ Dry (Kind)

Quadrangle Charleston

Permit No. Kan-2547

Company Harry A. Holtom
Address 808 High St., Worthington, Ohio
Farm Weirton Ice & Fuel Acres 91
Location (waters) Legg Fork
Well No. 1 Elev. KB 837'
District Poca County Kanawha
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling Commenced 12-18-71
Drilling Completed 1-9-72
Initial open flow _____ cu. ft. _____ bbls.
Final production _____ cu. ft. per day _____ bbls.
Well open _____ hrs. before test _____ RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10" 13 3/8"	52'	52'	75
9 5/8"			
8 5/8" 8 5/8"	1852'	1852'	400
7"			
5 1/2"			
4 1/2"			
3"			
2"			
Liners Used			

Well treatment details: Not treated Attach copy of cementing record.
13 3/8" not available
8 5/8" cement record enclosed

Coal was encountered at _____ Feet _____ Inches
Fresh water _____ Feet Salt Water _____ Feet
Producing Sand _____ Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand & Shale			0	1007		
Sand			1007	1540		
Big Lime			1540	1695		
Injun			1695	1745		
Shale			1745	4792		<u>Log tops from here</u>
Marcellus			4792	4825		
Corniferous			4825	4930		
Oriskany			4930	4964		
Lime - <u>Held.</u>			4964	5222 - 352		
<u>Salina</u> Dolomite			5222	5688		Hole Damp
Dolomite & Shale			5688	5726		
<u>Newburg</u>			5726	5734		
Shale & Dolomite - <u>NAKZ</u>			5734			
Total Depth				5752		

(over)

* Indicates Electric Log tops in the remarks section.