

Fracture Before 6/5/29
 New Location
 Drill Deeper
 Redrill
 Abandonment
4-5-71

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 5 of the Rules and Regulations of the Oil and Gas Section of the Mining Laws of West Virginia.
 The accuracy of this survey is within the limits and as prescribed in Paragraph 5 by the Oil and Gas Division of the Department of Mines Regulations.

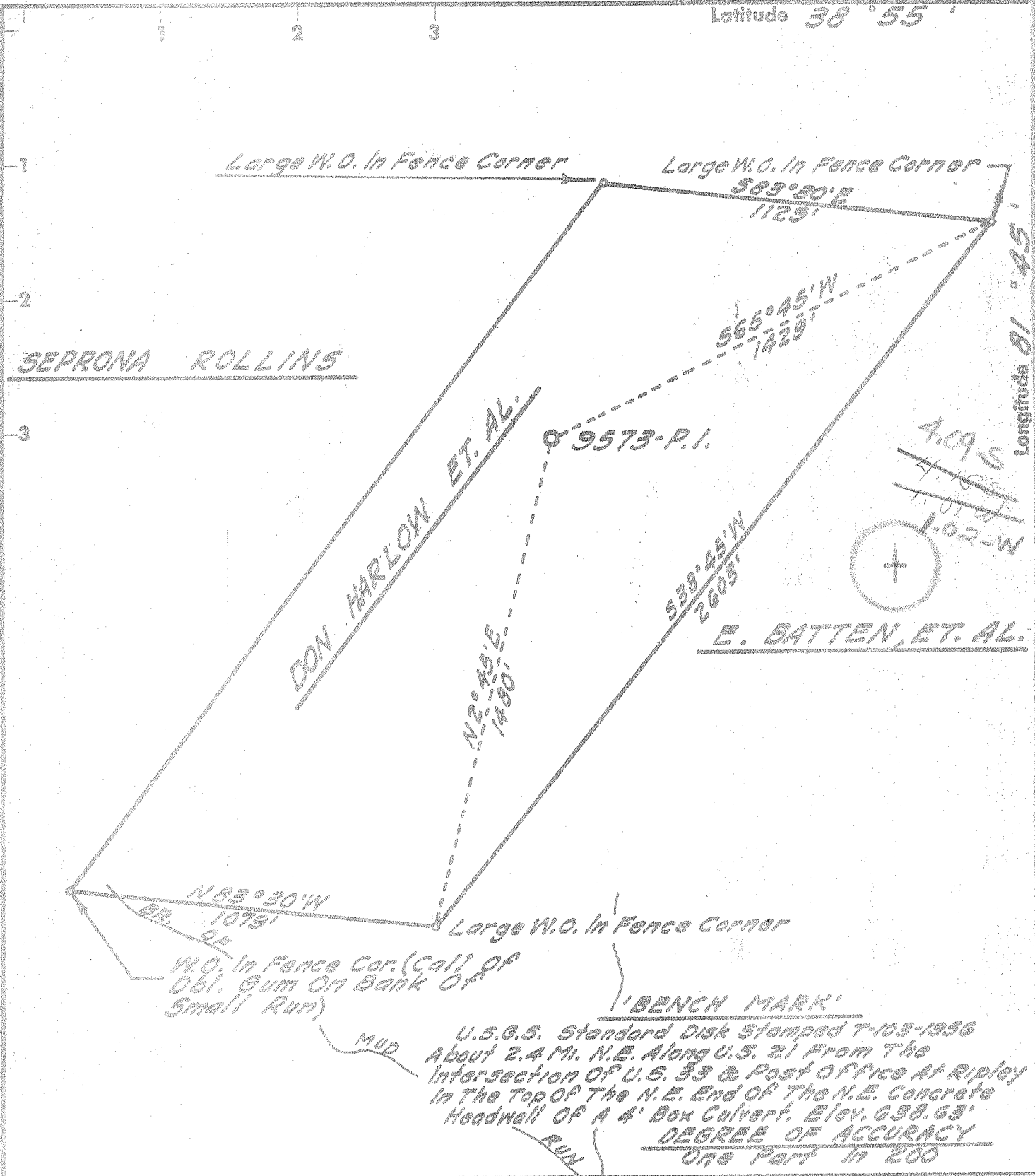
Company UNITED FUEL GAS CO.
 Address CHARLESTON, W. VA.
 Farm DON HARLOW, ET. AL.
 Tract _____ Acres 279 Lease No. 'UNIT'
 Well (Farm) No. 1 Serial No. 9573-P.I.
 Elevation (Spirit Level) 914.80'
 Quadrangle RAVENSWOOD EC
 County JACKSON District RIPLEY
 Engineer Adrian Friedman
 Engineer's Registration No. 2330
 File No. 54-93 Drawing No. _____
 Date DEC. 5, '70 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. JAC-1260-P

+ 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.

Latitude 38° 55'



'BENCH MARK'
U.S.G.S. Standard Disk Stamped T-103-1956
About 2.4 Mi. N.E. Along U.S. 21 From The
Intersection Of U.S. 33 & Post Office At Ripley
In The Top Of The N.E. End Of The N.E. Concrete
Headwall Of A 4' Box Culvert. Elev. 630.63'
DEGREE OF ACCURACY
One Part In 200

Fracture	
Before 6/5/29	<input type="checkbox"/>
New Location	<input checked="" type="checkbox"/>
Drill Deeper	<input type="checkbox"/>
Redrill	<input type="checkbox"/>
Abandonment	<input type="checkbox"/>

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6-0 Ripley 311

Deep Well
(Newburg)

JAN 25 1971



RECEIVED
APR 5 1971

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

OIL & GAS DIVISION
DEPARTMENT OF MINES

- Rotary
- Spudder
- Cable Tools
- Storage

Dry
Gas
(KFD)

Quadrangle Ripley

Permit No. JAG-1260

WELL RECORD

Company <u>United Fuel Gas Company</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>Charleston, W. Va.</u>	Size			
Farm <u>Don Harlow, et, al,</u> Acres <u>279</u>	16			Kind of Packer.....
Location (waters) <u>Mud Run of Mill Creek</u>	13	60'		Size of.....
Well No. <u>9573 RI</u> Elev. <u>914.80'</u>	<u>9 5/8"</u>	<u>2525'</u>		Depth set.....
District <u>Ripley</u> County <u>Jackson</u>	8 1/4			Perf. top.....
The surface of tract is owned in fee by <u>Dale G. Mary Jane Parsons</u> Address.....	6 3/8 <u>7"</u>	<u>5489'</u>		Perf. bottom.....
Mineral rights are owned by <u>Don Harlow et al</u> Address.....	5 3/16			Perf. top.....
Drilling commenced <u>March 10, 1971</u>	4 1/2			Perf. bottom.....
Drilling completed <u>March 23, 1971</u>	3			
Date Shot..... From..... To.....	2			
With.....	Liners Used.....			

Attach copy of cementing record.

CASING CEMENTED 9 5/8" size No. Ft. 2525' Date.....

Amount of cement used (bags) 100 Bags

Name of Service Co. Halliburton

COAL WAS ENCOUNTERED AT..... FEET..... INCHES.....

FEET..... INCHES..... FEET..... INCHES.....

Well Logged by Schlumberger, Gamma Ray, Density. FEET..... INCHES..... FEET..... INCHES.....

WELL FRACTURED (DETAILS).....

RESULT AFTER TREATMENT (Initial open flow or bbls.).....

ROCK PRESSURE AFTER TREATMENT..... HOURS.....

Fresh Water..... Feet..... Salt Water..... Feet.....

Producing Sand Newburg - Dry Depth 5587'

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Sand & Soil			0	100			
Shale			100	280			
Red Rock			280	914			
Salt Sand - <u>Hks. ???</u>			914	1600			
Shale			1600	1930			
✓ Big Lime			1930	2025			
✓ Injun			2025	2160			
Shale			2160	2172			
✓ Berea			2172	2195			
Shale			2195	3687			
✓ Corniferous Lime - <u>463</u>			4687	4782			
✓ Criskany			4782	4802	Dry		
✓ Dolomite - <u>Held. & SALINA</u>			4802	5510			
✓ Newburg			5510	5550	Dry		
✓ Shale <u>McKenzie</u>			5550	5587			
TOTAL DEPTH				5587			

545