

- Fracture Before 6/5/29
  - New Location
  - Drill Deeper
  - Redrill
  - Abandonment
- WALD 12-18-70

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.

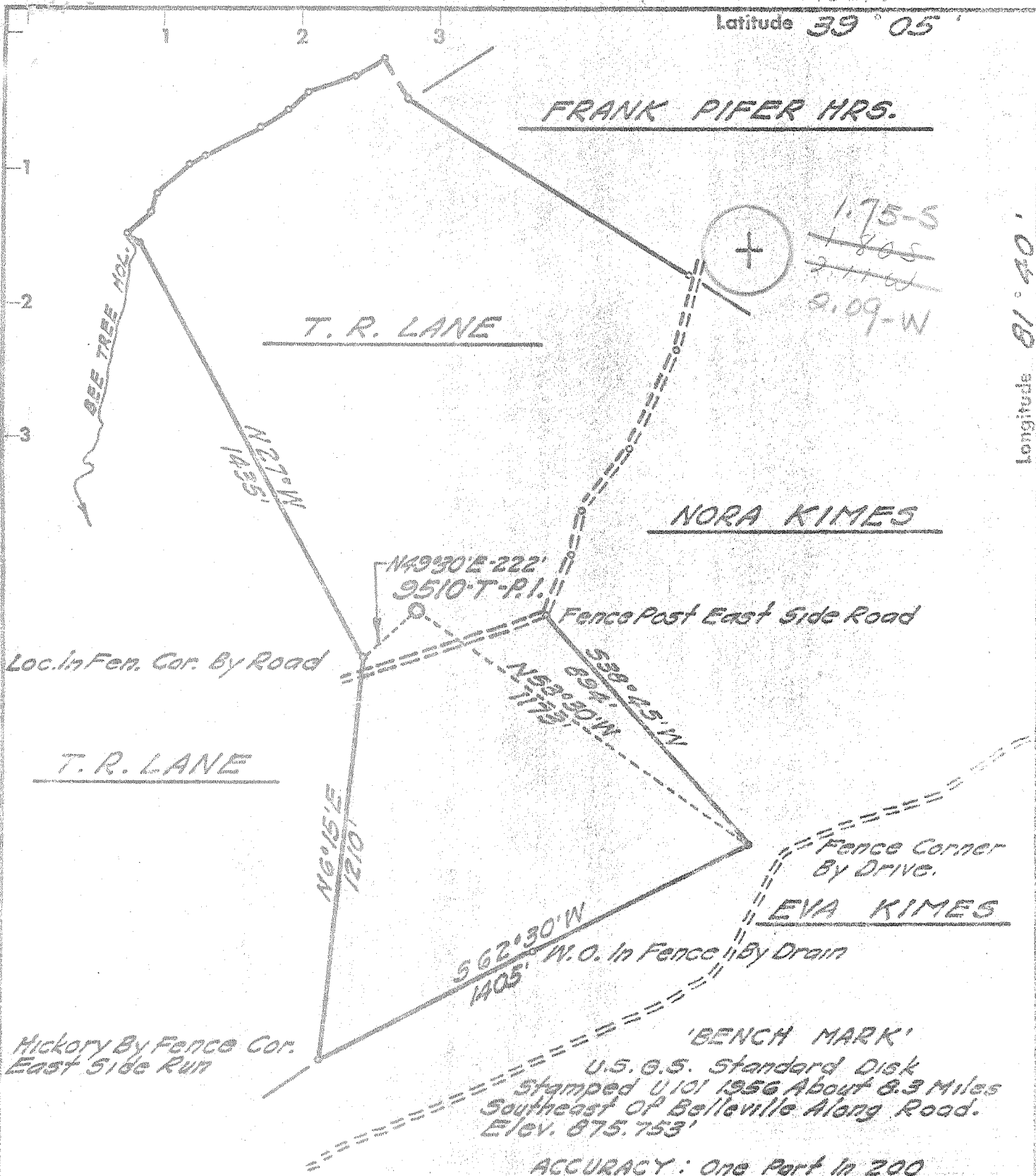
Company UNITED FUEL GAS CO.  
 Address CHARLESTON, W. VA.  
 Farm T. R. LANE, ET. AL.  
 Tract \_\_\_\_\_ Acres 324. Lease No. 49852 ET. AL.  
 Well (Farm) No. \_\_\_\_\_ Serial No. 9510-T-P.I.  
 Elevation (Spirit Level) 735.33'  
 Quadrangle BELLEVILLE SW  
 County JACKSON District GRANT  
 Engineer Quinn E. Handman  
 Engineer's Registration No. 2330  
 File No. 56-107 Drawing No. \_\_\_\_\_  
 Date OCT. 16, '70 Scale 1" = 400'

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

WELL LOCATION MAP  
 FILE NO. JAC-1246-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.



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Company UNITED FUEL GAS CO.  
 Address CHARLESTON, W. VA.  
 Farm T. R. LANE, ET AL.  
 Tract Acres 324 Lot No. 43852 ET AL.  
 Well (Farm) No. 510-T-P1  
 Elevation (Spirit Level) 785.33'  
 Quadrangle BELLEVILLE SW  
 County JACKSON District GRANT  
 Engineer Charles K. ...  
 Engineer's Registration No. 2330  
 File No. 56-107 Drawing No.           
 Date OCT. 16, '70 Scale 1" = 400'

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 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON

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

Rotary   
Spudder   
Cable Tools   
Storage

Quadrangle Belleville  
Permit No. JOC-1246

WELL RECORD

Oil or Gas Well Dry  
(KIND)

Company United Fuel Gas Company  
Address Charleston, W. Va.  
Farm T.R. Lane, et, al, Acres.....  
Location (waters).....  
Well No. 9510 Test Elev. 734.78'  
District Grant County Jackson  
The surface of tract is owned in fee by.....  
Address.....  
Mineral rights are owned by.....  
Address.....  
Drilling commenced November 9, 1970  
Drilling completed December 18, 1970  
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 (DETAILS).....

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer.....
16.....			
13.....	<u>92'</u>	<u>92'</u>	Size of.....
10.....			Depth set.....
8 1/4 <u>4 3/8</u>	<u>2136'</u>	<u>2136'</u>	
6 5/8	<u>5190'</u>		
5 3/16.....			Perf. top.....
4 1/2.....			Perf. bottom.....
3.....			Perf. top.....
2.....			Perf. bottom.....
Liners Used.....			

Attach copy of cementing record.  
CASING CEMENTED..... SIZE..... No. Ft..... Date.....  
Amount of cement used (bags).....  
Name of Service Co.....  
COAL WAS ENCOUNTERED AT..... FEET..... INCHES  
..... FEET..... INCHES..... FEET..... INCHES  
..... FEET..... INCHES..... FEET..... INCHES  
WELL FRACTURED (DETAILS).....  
Well Logged By Schlumberger, Gamma Ray, Induction, Density.  
RESULT AFTER TREATMENT (Initial open flow or bbls.).....  
ROCK PRESSURE AFTER TREATMENT..... HOURS.....  
Fresh Water..... Feet..... Salt Water..... Feet.....  
Producing Sand Newburg..... Depth 6003'

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Red Soil	0		0	15			
Sand			15	105			
Red Rock			105	120			
Sand			120	160			
Shale			160	1425			
Sand			1425	1495			
Sand & Lime			1495	1630			
Sand			1630	1645			
Sand & Shale			1645	4350			
Lime			4350	5480			
Keffer Sand			5480	5520			
Shale			5520	5850			
Sand & Shale			5850	5880			
Sand			5880	5935			
Sand & Shale			5935	6003			
TOTAL DEPTH				6003			

615

Huntersville - 4348 - c. 4450 - 4460  
Salina - 4651 - (5185 - 5200)  
Keeper - c. 5480 - 5510  
Rose Hill - 5510 - 5880

Huntersville, Oriskany, Helderberg, Salina, Newburg, Rose Hill, McKenzie, Tuscarora, Juniata

Juniata top in vicinity of 6002-6005

RECEIVED  
DEC 23 1970

OIL & GAS DIVISION  
DEPT. OF MINES