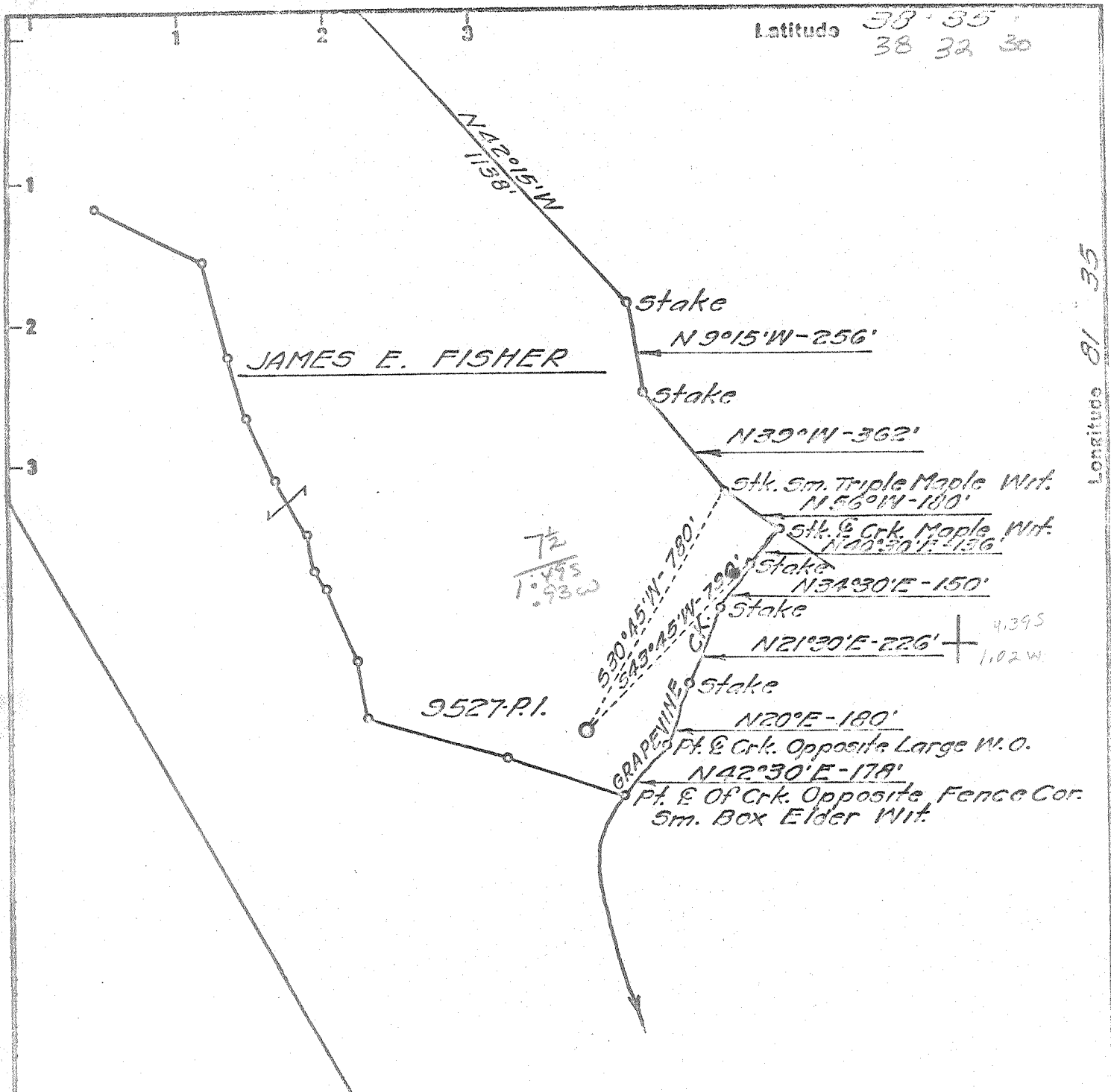


3/1/69 EN



BENCH MARK DESCRIPTION

U.S.G.S. Bench Mark Copper Disk Stamped
C-97-1256 In North Side On Sissanville Jr. High
Gym. Elev. 630.00'

- Fracture Before 6/5/29
 - New Location
 - Drill Deeper
 - Redrill
 - Abandonment
- Amended 4-1-69

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 JAMES E. FISHER, ET. AL.
 Tract _____ Acres 307.50 Lease No. ET. AL.
 Well (Farm) No. _____ Serial No. 9527-P.I.
 Elevation (Spirit Level) 659.35'
 Quadrangle KENNA / Bonaparte
 County KANAWHA District POCA
 Engineer Oliver E. Handman
 Engineer's Registration No. 2330
 File No. 62-71 Drawing No. _____
 Date FEB. 27, '69 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. K90-2369-P
 According to DEP. phisical 3-29-69

+ 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.

APR 16 1969

6-0 Rocky Fork 312
 Deep Well (Newburg)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Dry w/ Gas show
(KIND)

Quadrangle Kennel
Permit No. KAN-2369

WELL RECORD

Company United Fuel Gas Company
Address Charleston, West Virginia
Farm James E. Fisher, et, al, Acres. 307.50
Location (waters) Grapevine Creek
Well No. 9527 PI Elev. 659.35'
District Poca County Kanawha
The surface of tract is owned in fee by _____
Mineral rights are owned by _____
Drilling commenced March 19, 1969
Drilling completed March 27, 1969
Date Shot _____ From _____ To _____
With _____
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume Dry Hole Cu. Ft. _____
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS) _____
WELL FRACTURED (DETAILS) Well not Fractured
Well logged by Schlumberger
RESULT AFTER TREATMENT (Initial open Flow or bbls.) _____
ROCK PRESSURE AFTER TREATMENT _____
Fresh Water _____ Feet _____
Producing Sand _____ Depth _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	190	190	Size of
10			Depth set
8 1/2 9 5/8	1674	1674	
5 1/2 7	5489	1839	
5 3/16			
4 1/2			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Attach copy of cementing record.
CASING CEMENTED 13 3/8" 190 No. Ft. 3-19-69 Date
Amount of cement used (bags) 170 Cu. Ft. Cemented to top
Name of Service Co. Dowell
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
(Casing Cemented 9 5/8" - 1674' - 3-22-69
375 Cu. Ft. Cemented to top - Dowell
(Casing Cemented 7" From 5488' to 3649'
HOURS 150 Bags Cement - Halliburton 3-26-69

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Sand & Shale			0	360	Water	70'	
Shale			360	800			
Sand			800	1385	Salt Water	1000'	
Shale & Sand			1385	1425			
<u>Big Line</u>			1425	1555	Gas	1550"	<i>show</i> Approx. 50 MCF
Injun Sand			1555	1605			
Shale			1605	2015			
Berea			2015	2025	5563	5563	
Shale			2025	4655	4757	659	
Corniferous			4655	4757	806	4904	
<u>Oriskany</u>			4757	4803	Gas		<u>Show</u>
Sand & Lime - <i>Med.</i>			4803	5030			
Lime & Dolomite - <i>Up Sil.</i>			5030	5563			
Newburg			5563	5578			
Lime & Dolomite <u>McKenzie</u>			5578	5610			
TOTAL DEPTH				5610			

