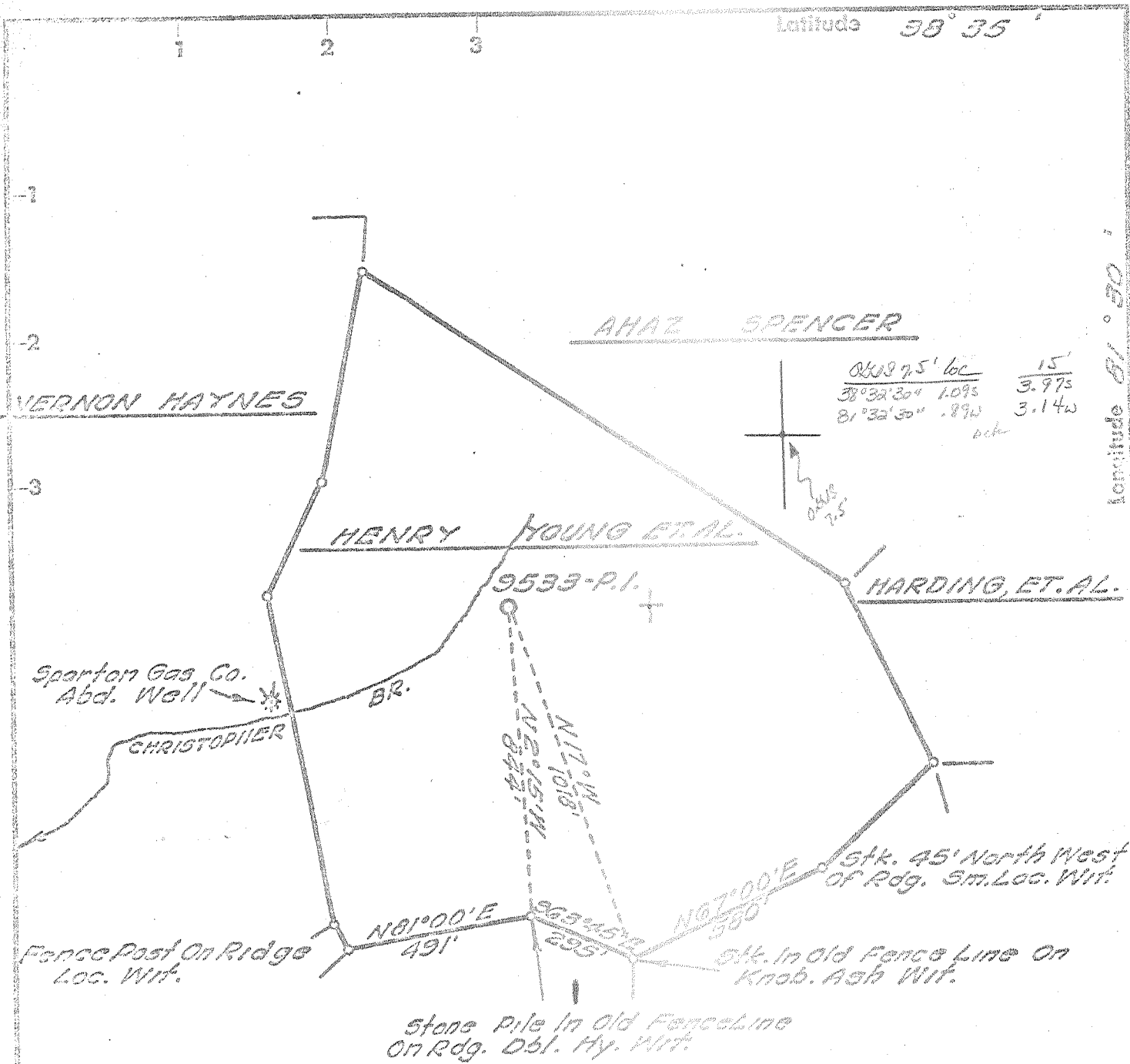


11/14/69 LEM



ALEX. J. BRUEN, ET AL.

BENCH MARK DESCRIPTION

U.S.G.S. Standard Disk Stamped
C-97-1956 In North Side Of Sissonville
Jr. High School Gym. Elev. 630.0'

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 checked="" type="checkbox"/>
UMRA 12-18-69	

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 HENRY YOUNG, ET AL.
 Tract _____ Acres 286.55 (Merged) Lease No. 47326 ET AL.
 Well (Farm) No. _____ Serial No. 3533-P.I.
 Elevation (Spirit Level) 822.73'
 Quadrangle KENNA SE
 County KANAWHA District POCA
 Engineer William F. ...
 Engineer's Registration No. 7530
 File No. 66-71 Drawing No. _____
 Date OCT. 22, 60 Scale 1" = 400'

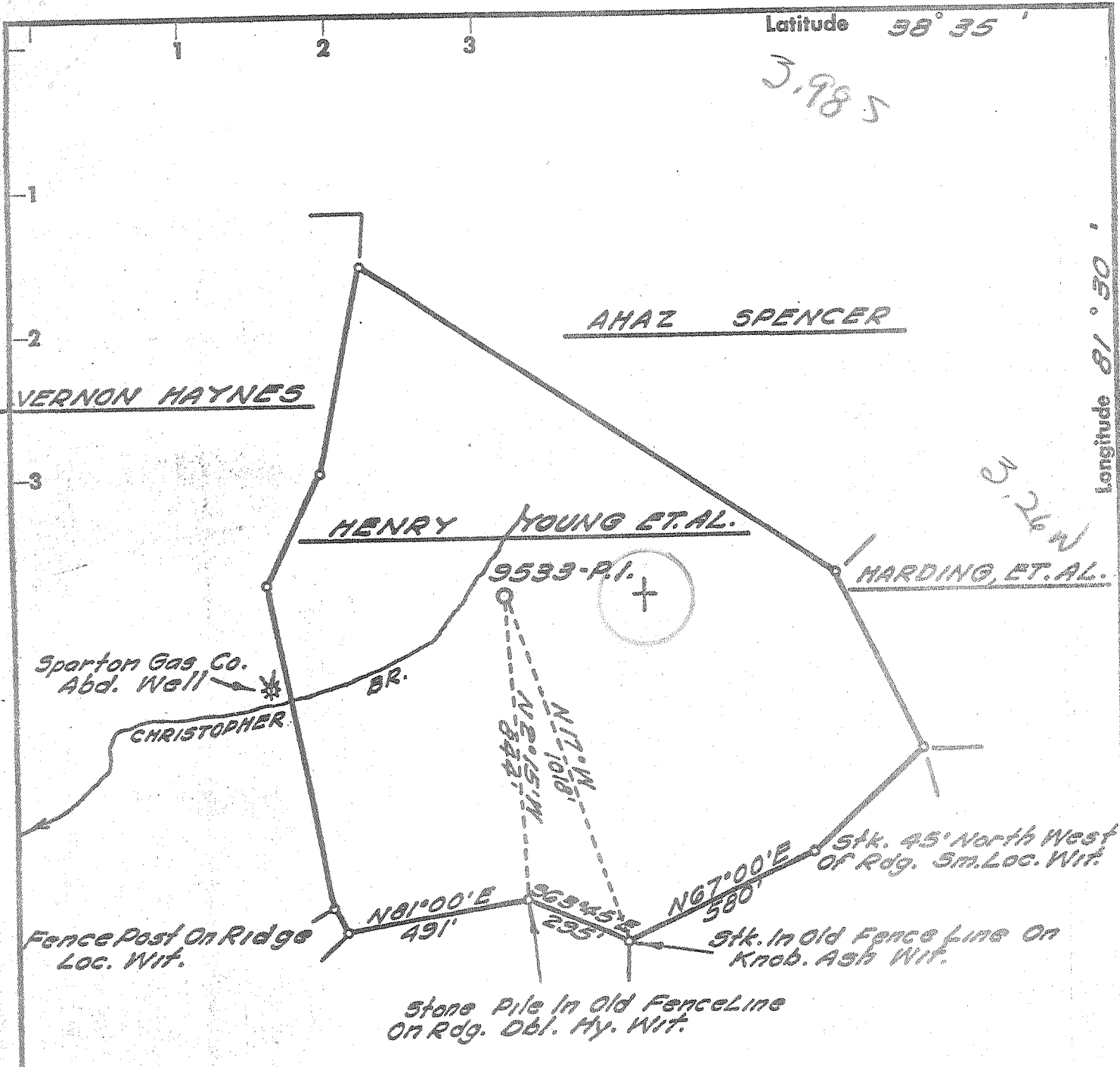
STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON

WELL LOCATION MAP
FILE NO. New-2444-B

+ 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 (Newburg)
JAN 8 2 1970



BENCH MARK DESCRIPTION

U.S.G.S. Standard Disk Stamped
C-97-1956 in North Side of Sissonville
Jr. High School Gym. Elev. 630.0'

ACCURACY: One Part in 200

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

Company UNITED FUEL GAS CO.
 Address CHARLESTON, W. VA.
 Farm HENRY YOUNG, ET AL.
 Tract _____ Acres 266.55 (Merger) Lease No. 47320 ET AL.
 Well (Farm) No. _____ Serial No. 9533-P.I.
 Elevation (Spirit Level) 822.73'
 Quadrangle KENNA 4E
 County KANAWHA District POCA
 Engineer Adrian E. Hardman
 Engineer's Registration No. 2930
 File No. 64-71 Drawing No. _____
 Date OCT. 29, '69 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. Kaw-2444

+ 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.

6-0 Rocky Fork 312

Deep Well (Newburg)
 NOV 24 1969



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle Sissonville
Permit No. KAN-21114

WELL RECORD

Oil or Gas Well Dry

Company United Fuel Gas Company
Address 1700 MacCorkle Ave. Charleston, W. Va.
Farm Henry Young, et, al. Acres 266.55
Location (waters) Left fork of Grapevine Creek
Well No. 9533PI Elev. 822.73'
District Poca County Kanawha

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	98'	98'	
10			Size of
8 1/2 9 5/8"	1775'	1775'	
6 3/4 7"	5755'	1955'	Depth set
5 3/16			
4 1/2			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

The surface of tract is owned in fee by
Address

Mineral rights are owned by
Address

Drilling commenced 11/19/1969

Drilling completed 11/29/1969

Date Shot Not Shot From To

With

Open Flow /10ths Water in In

/10ths Merc. in In

Volume Cu. Ft.

Rock Pressure lbs. hrs.

Oil bbls., 1st 24 hrs.

WELL ACIDIZED (DETAILS)

WELL FRACTURED (DETAILS) Was not Fractured

Logged by Birdwell-Gamma, Caliper, Density

RESULT AFTER TREATMENT (Initial open Flow or bbls.)

ROCK PRESSURE AFTER TREATMENT HOURS

Fresh Water Feet Salt Water Feet

Producing Sand Newburg-Dry Depth 5770'

Attach copy of cementing record.
CASING CEMENTED 7" SIZE 1995 No. Ft. Date
Amount of cement used (bags) 150 Sacks
Name of Service Co. Dowell
COAL WAS ENCOUNTERED AT FEET INCHES
FEET INCHES FEET INCHES
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Sand & Shale			0	305			
Shale			305	495			
Sand & Shale			495	1000			
Salt Sand			1000	1185			
Big Lime			1185	1620			
Anjun Sand			1620	1685			
Shale			1685	1827			
Corniferous			1827	1945			
Oriskany			1945	4995			
Lime & Dolo			4995	5339			
Newburg			5339(?)	5753	Damp---- 305'		
Lime & Dolo			5753	5770	Foam---- 1105'		
TOTAL DEPTH			14	5770	Gas Show 1350'		
					Gas Show 4995'		
					H ₂ S Gas--5230'		
					Casing Points		
					12-3/8" - 98' --- 125 Sacks		
					9-5/8" - 1773' --- 600 Sacks		
					7" - 5755' --- 150 Sacks		

RECEIVED
DEC 16 1969

OIL & GAS DIVISION
DEPT. OF MINES

McKenzie

5739
4945
794

5739
823
4916