

Latitude $39^{\circ} 05'$

Longitude $81^{\circ} 30'$

81 32 30

J.A. RUBLE ET. UX.

MARIA DENT ET. AL.

T.A. BEARD

O.H. BLAIR

Geol. Dept. Map Posting	
Map	Date
Topographic	5/15/56
Regional	
Farm	
Tracing	

- New Location...
- Drill Deeper.....
- Abandonment.....

Company UNITED FUEL GAS CO.
 Address CHARLESTON, W. VA.
 Farm MARIA DENT ET. AL.
 Tract _____ Acres 50 Lease No. 52459
 Well (Farm) No. _____ Serial No. 7264
 Elevation (Spirit Level) 828.47'
 Quadrangle BELLEVILLE
 County WOOD District STEELE
 Engineer Seybert R. Ferrell
 Engineer's Registration No. 2529
 File No. 66-107 Drawing No. _____
 Date 4-10-56 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. W00-452 D

- + 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.

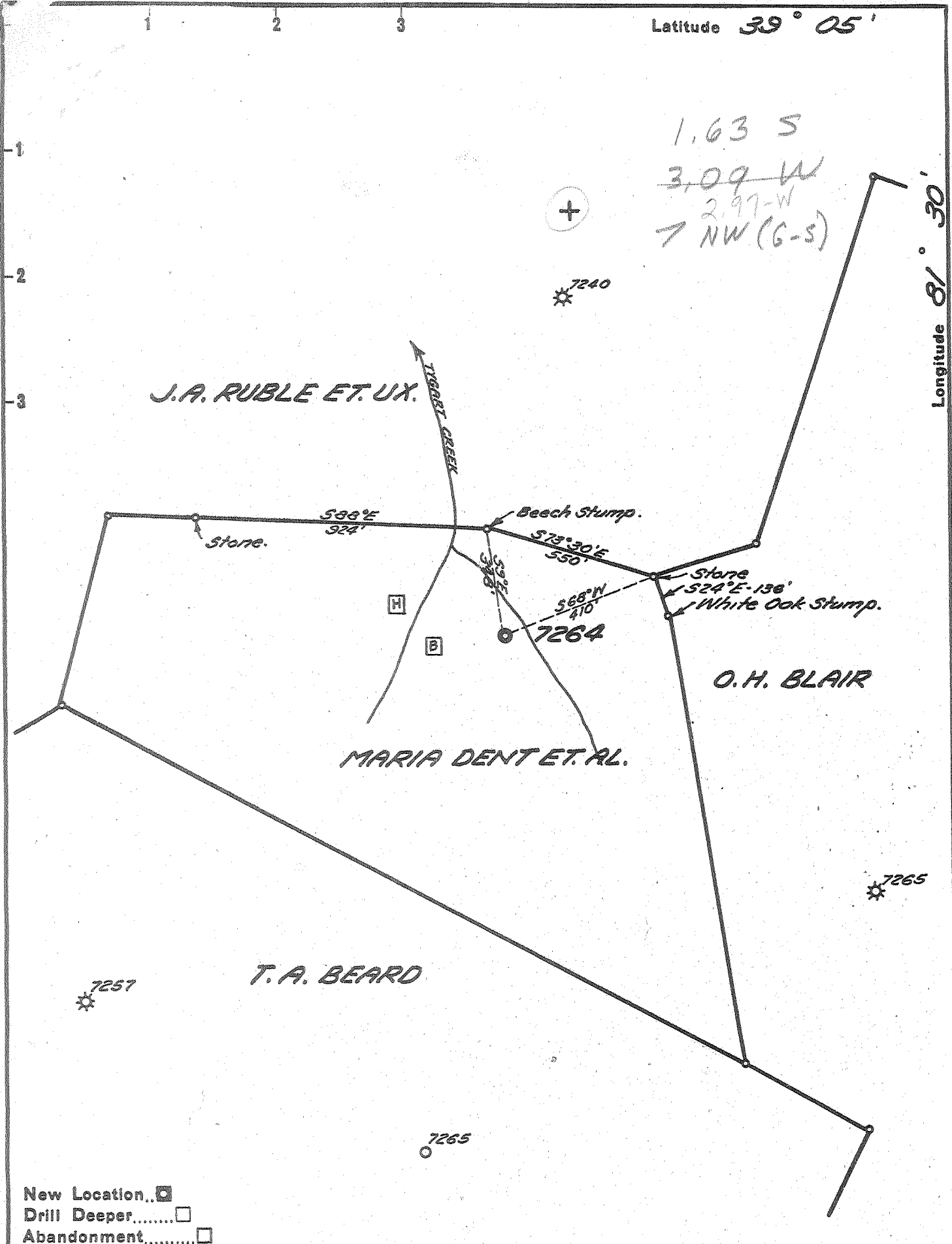
97

DEEP well

W00-4520

Dent Use

P



New Location..
 Drill Deeper.....
 Abandonment.....

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1-0 279 Deep Well



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

Quadrangle Belleville

Permit No. WOO-452

WELL RECORD

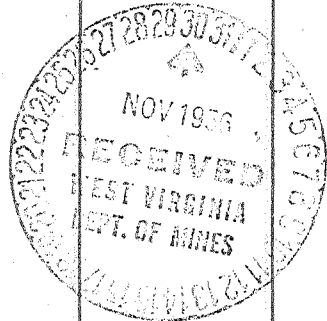
Oil or Gas Well Gas *Storage*
(KIND)

Company United Fuel Gas Company
Address P. O. Box 1273; Charleston 25, W. Va.
Farm Maria Dent, et al Acres 50
Location (waters) Tygart Creek
Well No. X-58-7264 Elev. 828.47
District Steele County Wood
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by Robert Dent 7
Address Rockport, W. Va.
Drilling commenced 6-7-56
Drilling completed 10-2-56
Date Shet _____ From _____ To _____
With _____
Open Flow 165/10ths Water in _____ Inch
7/10ths Merc. in _____ Inch
Volume 20,230,000 Oriskany Cu. Ft.
Rock Pressure 1675 lbs. 72 hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water 1281' feet _____ feet
Salt water 1808' feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16		40	
18 3/8		893	
10 3/4	Pulled	1334	Size of
8 5/8		2136	
6 3/8		5030	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
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 Found	Remarks
Soil			0	10			
Red Rock			10	40			Small amount of water 627-680'
Blue Slate			40	63			
Red Rock			63	110			Water 1281'
Slate			110	124			
Red Rock			124	285			Hole full water 1808'
Grey Shale			285	296			
Red Rock			296	376			Gas 1503-5116' 165/10 Merc. 7" 23#
Grey Shale			376	418			20,230 M
Red Rock			418	472			
Grey Slate			472	505			FINAL OPEN FLOW - 20,230 M - Oriskany
Lime			505	532			72 Hr. R.P. 1675#.
Sand			532	554			
Grey Shale			554	566			
Red Rock			566	586			72 Hr. R.P. 1675# taken when testing
Grey Shale			586	627			8/10 W 7" 23# 4,473 M
Red Rock			627	680			
Sand			680	706			Shut in 10-2-56 in 7" casing.
Slate			706	792			
Red Rock			792	837			
Sand			837	847			
Grey Shale			847	861			
Red Rock			861	879			
Blue Shale			879	930			
Red Rock			930	992			
Slate			992	1025			
Red Rock			1025	1060			
Blue Shale			1060	1075			
Red Rock			1075	1120			
Lime			1120	1145			
Blue Shale			1145	1165			
Sand			1165	1262			
Blue Shale			1262	1273			
Sand			1273	1310			
Slate			1310	1334			



Formation	Color	Hard or Soft	Top //	Bottom	Oil, Gas or Water	Depth Found	Remarks
Lime			1334	1348			
Sand			1348	1356			
Slate			1356	1372			
Sand			1372	1417			
Slate & Shells			1417	1550			
Sand			1550	1580			
Slate & Shells			1580	1718			
Salt Sand			1718	2030			
Little Lime			2030	2082			
Slate Break (P. Core?)			2082	2088			
Big Lime			2088	2166			
Slate & Shells			2166	4234			
White Slate			4234	4770			
Brown Shale			4770	4915			
Black Shale			4915	4973			
Black Lime			4973	4993			
Corniferous			4993	5100			
Oriskany			5100	5116			
Total Depth			5116' SLM				

475

4973
5103

Date November 28, 1956

APPROVED UNITED FUEL GAS COMPANY, Owner

By S. R. Fenwick
(Title)

Supt., Civil Engineering Department

WR-35
JAN 18 2000

02-Jun-99
API # 47-107-00452 D
Reviewed *K*

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas
Well Operator's Report of Well Work

Farm name: DENT, GLADYS P Operator Well No.: ROCKPORT 7264

LOCATION: Elevation: 828.00 Quadrangle: ROCKPORT

District: STEELE County: WOOD
Latitude: 8650 Feet South of 39 Deg. 5 Min. 0 Sec.
Longitude 3600 Feet West of 81 Deg. 32 Min. 30 Sec.

Company: COLUMBIA GAS TRANSMISSION
P. O. BOX 1273
CHARLESTON, WV 25325-1273

Agent: RICHARD L. COTY

Inspector: GLEN ROBINSON
Permit Issued: 06/04/99
Well work Commenced: 8-23-99
Well work Completed: 9-24-99
Verbal Plugging
Permission granted on: _____
Rotary Cable Rig
Total Depth (feet) 5157'
Fresh water depths (ft) _____
Not Reported
Salt water depths (ft) 627' - 680',
1231', 1808'
Is coal being mined in area (Y/N)? No
Coal Depths (ft): Not Reported

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
16", 65 lb.		40'	
13-3/8", 48 lb.		893'	
8-5/8", 24 lb.		2136'	50 sx
7", 22 lb.		5030'	100 sx
4-1/2", 11.6 lb.		5142'	90 sx

OPEN FLOW DATA * Storage well - Rates and pressures vary.

Producing formation Oriskany (Storage) Pay zone depth (ft) 5091' - 5108'
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow N/A MCF/d Final open flow N/A Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure _____ psig (surface pressure) after _____ Hours

Second producing formation _____ Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure _____ psig (surface pressure) after _____ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: COLUMBIA GAS TRANSMISSION CORP.
By: Paul C. Amick *[Signature]*
Date: 12-30-99

WOOD 0452 D

FEB 18 2000

Pulled 5114' of 2-3/8" tubing, drilled new 6-1/8" hole 5102' - 5157', installed new API 5M wellhead, ran 5142' of 4-1/2", 11.6 lb, N-80 casing and cemented with 90 sx of Class "A" cement, perforated Oriskany 5091' - 5108' with 6 SPF and pumped an N-2 Assist Viking 20 Frac Treatment using 50 gallons of 28% HCL, 437 BBLS of water, 125 MSCF N2, and 22,000 lbs of 20/40 sand at 1 - 4 PPG.