

LEGEND

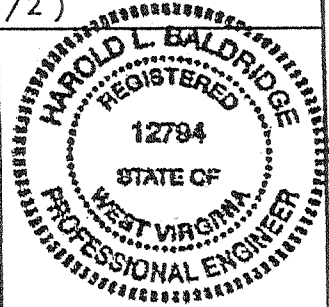
- EXISTING WELL
- IRON PIPE FOUND

NOTE: THIS MAP IS FOR WELL LOCATION PURPOSES ONLY AND DOES NOT REPRESENT A COMPLETE PROPERTY SURVEY.

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS (7 1/2')

FILE NO. _____
 DRAWING NO. 7244
 SCALE 1" = 400
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION G.P.S.

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENERGY.
 (SIGNED) *[Signature]*
 R.P.E. 12794 L.L.S. 1605



STATE OF WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 SECTION OF OIL & GAS



DATE: APRIL 24 2001
 OPERATOR'S WELL NO. 7244
 API WELL NO.

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL STATE 47 COUNTY 107 PERMIT 00326-f
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 867.53 WATER SHED TRIBUTARY OF TYGART CREEK
 DISTRICT STEELE COUNTY WOOD

QUADRANGLE ROCKPORT W. VA. COORDINATES LAT: 39° 03' 41.8" LONG: 81° 32' 52.3"
 SURFACE OWNER CARL E. WADE ACREAGE 50.

ORIGINAL OIL & GAS ROYALTY OWNER LINDSEY E. BLAIR, ET. AL. LEASE ACREAGE 50.

COAL OWNER TRUSTEES OF ST. MATTHEWS UNITED METHODIST CHURCH PARSONAGE LEASE NO. 46174

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) STORAGE RECONDITION

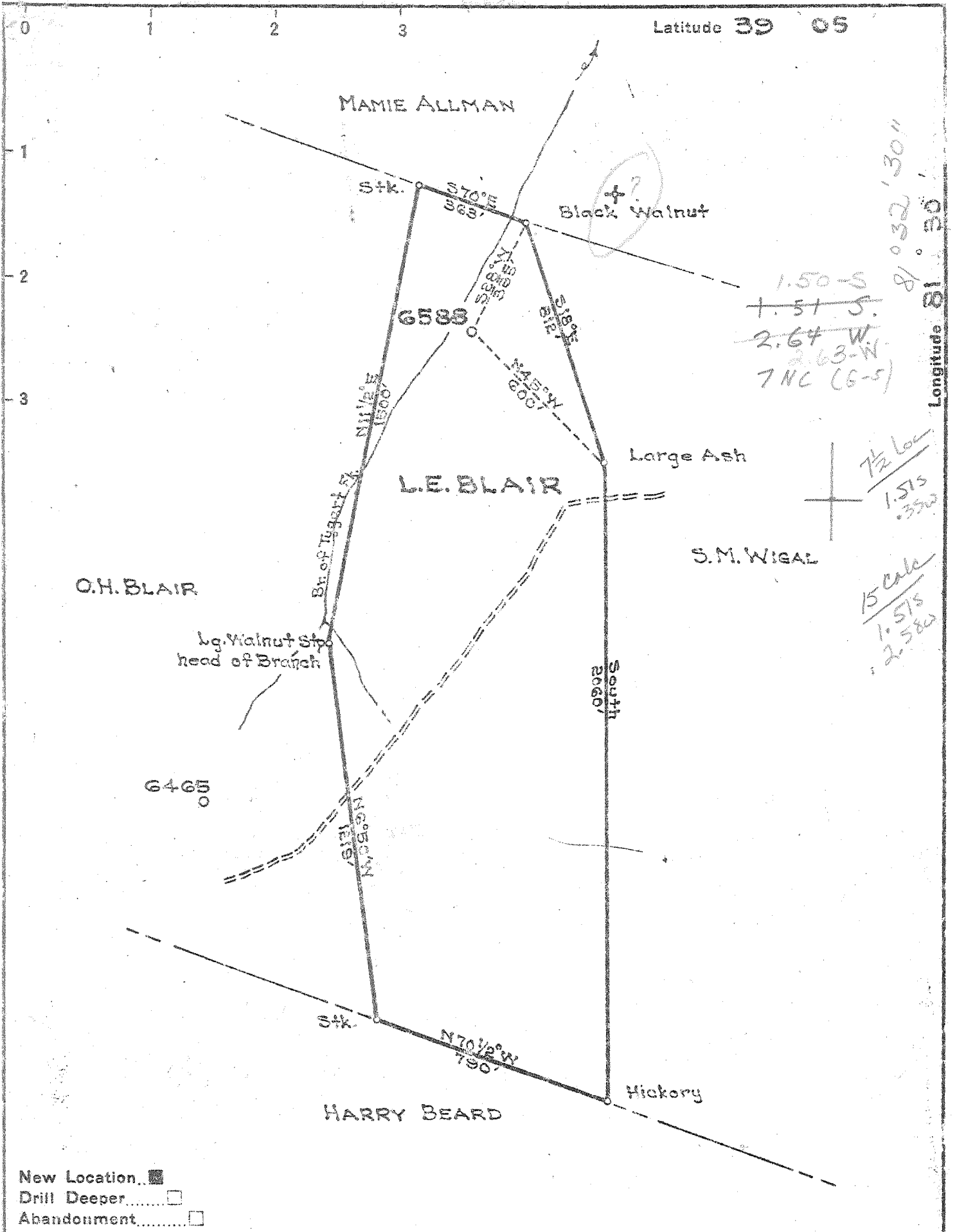
PLUG AND ABANDON CLEAN OUT AND REPLUG

TARGET FORMATION _____ ESTIMATED DEPTH _____

WELL OPERATOR COLUMBIA GAS TRANSMISSION CORP DESIGNATED AGENT PAUL AMICK
 ADDRESS PO BOX 1273, CHARLESTON, WV 25325-1273 ADDRESS PO BOX 1273, CHARLESTON, WV 25325-1273

WOOD COUNTY NAME PERMIT 00326-f 7244

(Rockport - Deep - 279) 8-0 JUN 14 2002



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

Company UNITED FUEL GAS CO.
 Address CHARLESTON, W.VA.
 Farm L.E. BLAIR
 Tract _____ Acres 50 Lease No. 46174
 Well (Farm) No. _____ Serial No. 6582
 Elevation (Spirit Level) 862.93
 Quadrangle BELLEVILLE FSE
 County WOOD District STEEL
 Engineer [Signature]
 Engineer's Registration No. 662
 File No. 66-107 Drawing No. _____
 Date 6-9-50 Scale 1"=400'

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

WELL LOCATION MAP
 FILE NO. W60-326

+ 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.

Samples 23-I (5112-5152) 6-6 Deep Well

WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
W E L L R E C O R D

Permit No. Woo-326
Belleville Quad.

Gas Well

CASING & TUBING

Company	United Fuel Gas Co.		
Address	P. O. Box 1273, Charleston 25, W.Va.	13-3/8	949
Farm	L. E. Blair	Acres 50	10-3/4
Location	Tygart Fork		8-5/8
Well No.	6588	Elev. 862.93'	7"
District	Steele	County Wood	
Mineral	Lindsay E. Blair		
Commenced	5/29/50		
Completed	8/21/50		
Shot	8/22/50 from 5156 to 5166		
	With 30 qts.		
Open Flow	46/10ths water in 7"		
Volume	2,926 M - Oriskany		
Rock Pressure	645 lbs. 48 hrs.		
Salt water	1828 feet		

Surface	0	10	
Lime & Red Rock	10	197	
Sand	197	207	
Red Rock	207	240	
Lime Shell	240	260	
Red Rock & Lime	460	405	
Slate	405	415	
Red Rock	415	435	
Lime	435	450	
Red Rock	450	504	
Sand	504	512	
Slate	512	520	
Red Rock & Lime	520	600	
Slate	600	640	
Lime	640	655	
Red Rock	655	700	
Sand & Slate	700	795	
Red Rock	795	812	
Slate	812	870	
Lime	870	890	
Red Rock & Lime	890	923	
Sand	923	930	
Red Rock	930	1000	
Slate	1000	1042	
Red Rock	1042	1133	
Sand & Slate	1133	1195	
Lime	1195	1215	
Sand	1215	1312	
Red Rock	1312	1320	
Lime	1320	1350	
Sand & Slate	1350	1765	
✓ Salt Sand & Slate	1765	2070	water 1828' hole full
Slate	2065	2070	
Black Lime	2070	2200	
Slate	2200	2220	
Lime	2220	2250	
Slate & Shells	2250	2415	
Shale - coffee	2415	2425	
Berea	2425	2432	Berea gas 2432' 2/10 W 2" 60 M
Slate & Shells	2432	3980	blew down to 12/10 W 1" 37 M
Shale	3980	4290	Gas 2459' decreased to 10/10 W 1" 33 M
Slate & Shells	4290	4320	
White Slate	4320	4725	Gas 2472' decreased to 9/10 W 1" 32 M
Brown Shale	4725	4970	
Black Shale - MARCELLUS	4970	4995	Gas 4750' increased to 11/10 W 1" 35 M
✓ Corniferous	4995	5144	
✓ Oriskany	5144	5166	Gas 4805' 11/10 W 1" 35 M
Total Depth	5166' SLM		Gas 5161' 2/10 W 7" 22# 610 M
			Gas 5156-5164' 20/10 W 7" 22 # 1,929M

FINAL OPEN FLOW:

2,926 M = oriskany 48 hr.
R.P. 645#

Test before shot 14/10 W 7" 22 # 1,614 M
Shot 8/22/50 with 30 qts from 5156 to 5166'
Test 1 hr. after shot 46/10 W 7" 22# 2,926 M

Shut in 8/22/50 in 7" casing.

WR-35
Rev (5-01)

DATE: 4/7/2009
API #: 47-107-00326 *Prac*

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas

Well Operator's Report of Well Work

Farm name: Wade, Carl E. Operator Well No.: 7244

LOCATION: Elevation: 868 ft Quadrangle: Rockport

District: Steele County: Wood
Latitude: 7,940 Feet South of 39 Deg. 05 Min. 00 Sec.
Longitude 1,800 Feet West of 81 Deg. 32 Min. 30 Sec.

Company: Columbia Gas Transmission, LLC

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: 1700 MacCorkle Ave SE Charleston, WV 25325-1273	This is an existing storage well - no casing or tubing pulled or ran.			
Agent: Paul Amick				
Inspector: Larry Parrish				
Date Permit Issued: 6/14/2002				
Date Well Work Commenced: 8/13/02				
Date Well Work Completed: 12/17/02				
Verbal Plugging:				
Date Permission granted on:				
Rotary X Cable Rig				
Total Depth (feet): 5166				
Fresh Water Depth (ft.): not applicable - rework				
Salt Water Depth (ft.): not applicable - rework				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): <u>none reported</u> ft				

OPEN FLOW DATA

Producing formation Oriskany Sand Pay zone depth (ft) 5156 - 5164
Gas: Initial open flow not applicable MCF/d Oil: Initial open flow none Bbl/d
Final open flow 16,000 MCF/d No oil
Time of open flow between initial and final tests not applicable Hours
Static rock Pressure 1550 psig (surface pressure) after 24 Hours

Second Producing formation N/A 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.

Signed: [Signature]
By: James E. Amos - Senior Storage Engineer - Columbia Gas Transmission, LLC
Date: 4/7/09

MAY 15 2009

WOOD 0324P

Rockport storage well 7244

This is an existing storage well. Below is a summary of work performed.

- 1) Well was killed, cleaned to TD, e-logs ran, new API wellhead installed, and fracture stimulated.

Logs Ran: 10/15/02	Baker Atlas Logging	GR-Neutron
10/15/02	Baker Atlas Logging	Cement Bond
12/17/02	Baker Atlas Logging	MicroVertilog (pipe inspection)

Fracture stimulation: 500 gals HCl acid
450 bbls fluid
118 MCF nitrogen
22,100 lbs sand
Avg BH rate: 17 BPM
Avg TP: 4340 psig
ISIP: 3400 psig

* Note that no earthen pit was utilized. Rework and stimulation fluids recovered via steel tanks and transported to LAD in Wheeling, WV for processing.