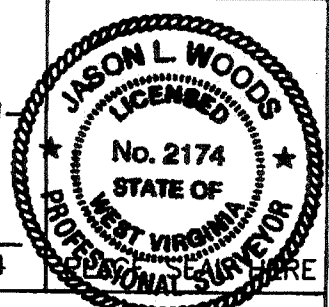


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE No 10-100-009
 DRAWING No. 10-100-009
 SCALE 1"=2000'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION TRIMBLE PRO XH GPS UNIT

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 DIVISION OF ENVIRONMENTAL PROTECTION.

(SIGNED) Jason L. Woods
 JASON L. WOODS PS #2174



STATE OF WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS
 NITRO, WV



DATE APRIL 6 2010
 OPERATOR'S WELL No. 7466
 API WELL No. _____

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___ 47 075 - 00032W
 (IF "GAS") PRODUCTION ___ STORAGE X DEEP ___ SHALLOW ___ STATE COUNTY PERMIT
 LOCATION: ELEVATION 3561' WATER SHED FOX RUN OF THE WEST FORK OF GREENBRIER RIVER
 DISTRICT GREENBANK COUNTY POCAHONTAS
 QUADRANGLE WILDELL

SURFACE OWNER USA DEPT OF INTERIOR ACREAGE _____
 OIL & GAS ROYALTY OWNER MINERAL MAWAG LN LEASE ACREAGE 48212
 LEASE No. 90700

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

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION _____ ESTIMATED DEPTH _____
 WELL OPERATOR COLUMBIA GAS TRANSMISSION LLC DESIGNATED AGENT PAUL AMICK
 ADDRESS PO BOX 1273, CHARLESTON, WV ADDRESS P.O. BOX 1273, CHARLESTON W.V.
25325-1273 25325-1273

April 19/97

FOX RUN

UNITED STATES OF AMERICA
MONONGAHELA NATIONAL FOREST
PART OF TRACT #52

EXISTING WELL #7466

WELL #7454
(47-075-00025)

WELL #7465
(47-075-00031)

WELL #7461
(47-075-00011)

WELL #8770

NORTH

ELKLICK RUN

S 40°15' E
4220.04' (163.94 CH)

N 16°30' W
4130.14' (1031.11 CH)

N 13°30' E
3400.32' (151.52 CH)

S 70°46' E
11170.50' (163.25 CH)

N 78°25' W
2262.48' (34.28 CH)

4" X 10" X 24" STONE IN A
MOUND OF STONES MARKED
WLCO 24 F.S.

UNITED STATES OF AMERICA
MONONGAHELA NATIONAL FOREST
PART OF TRACT #33

SET STONE MARKED
WLCO 22-52 F.S.
BIRCH & SUGAR POINTER

2" X 18" X 26" SET STONE IN A
MOUND OF STONES MARKED
WLCO 21-52 F.S.
MAPLE POINTER

BENCH MARK DESCRIPTION

NAIL IN BASE OF A 18" MAPLE 84' SOUTH
EAST OF COLUMBIA GAS TRANSMISSION
CORP. WELL #7469, ELEV. 3211.90

Calc 15' loc
4,275
0,240

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

FILE NO. _____
DRAWING NO. 7466
SCALE 1" = 1320
MINIMUM DEGREE OF
ACCURACY 1/200
PROVEN SOURCE OF
ELEVATION SEE ABOVE

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 REGU-
LATIONS ISSUED AND PRESCRIBED BY THE DEPART-
MENT OF ENERGY.
(SIGNED) *Charles David Davidson*
R.P.E. _____ L.S. 819



WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
#10 McJUNKIN ROAD
NITRO, WEST VIRGINIA 25143-2506



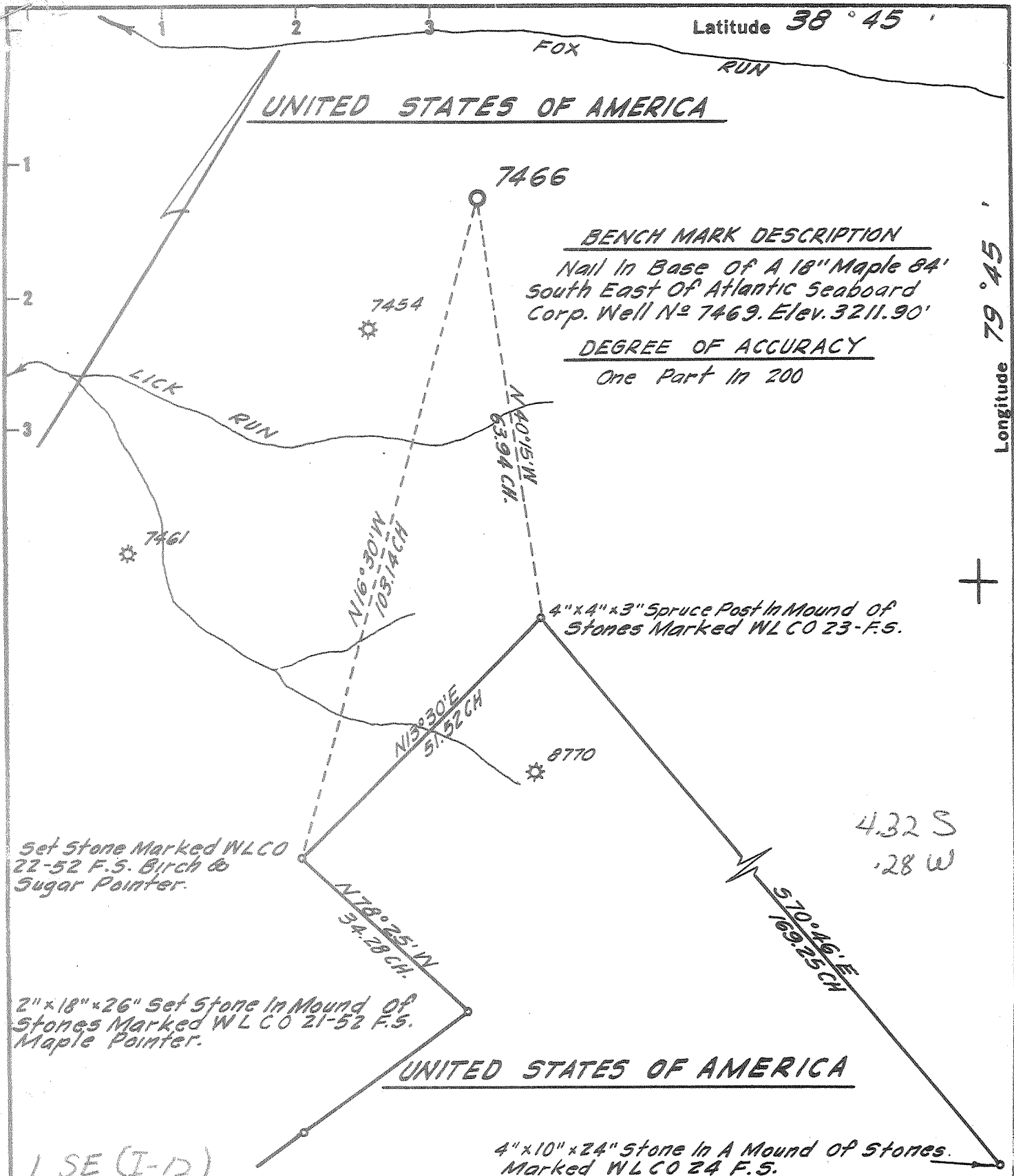
DATE APRIL 9, 19 97
OPERATOR'S WELL NO. 7466
API WELL NO. _____

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION ___ STORAGE X DEEP ___ SHALLOW ___
LOCATION: ELEVATION 3560.88' WATER SHED Fox Run of the West Fork of Greenbrier River
DISTRICT GREENBANK COUNTY POCAHONTAS
QUADRANGLE WILDELL COORDINATES LAT: 38°41'17" LONG: 79°45'16"
SURFACE OWNER UNITED STATES OF AMERICA DEPT. OF INTERIOR ACREAGE 1828.67
OIL & GAS ROYALTY OWNER USA DEPT. OF INTERIOR LEASE ACREAGE 20408.26
COAL OWNER USA Dept. of Interior LEASE NO. 1090700

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 Cuskany ESTIMATED DEPTH 6155' *Re-work existing storage well drilled in 1966.*
WELL OPERATOR COLUMBIA GAS TRANS. CORP. DESIGNATED AGENT RICHARD L. COTY
ADDRESS PO BOX 1273, CHARLESTON, WV ADDRESS PO BOX 1273, CHARLESTON, WV
25325-1273 25325-1273

POCAHONTAS COUNTY NAME
PERMIT 00032



- Fracture Before 6/5/27
- New Location
- Drill Deeper
- Redrill
- Abandonment

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.

PROVEN ELEVATION 3211.90'

Company **ATLANTIC SEABOARD CORP.**
 Address **CHARLESTON, W.VA.**
 Farm **UNITED STATES OF AMERICA**
 Tract **Pt. 52** Acres **1962** BLM-A-023190 Lease No. **A5-700**
 Well (Farm) No. _____ Serial No. **7466**
 Elevation (Spirit Level) **3560.88'**
 Quadrangle **DURBIN-NE**
 County **POCAHONTAS** District **GREEN BANK**
 Engineer **Sybert R. Jewell**
 Engineer's Registration No. **2529**
 File No. **162-81** Drawing No. _____
 Date **JAN. 19, '66** Scale **1" = 1320'**

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

WELL LOCATION MAP
 FILE NO. **POC-32**

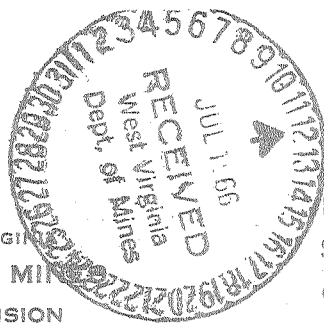
+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500. latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

9-0 261 Deep Well - Oriskany Storage

Deep Well

7-12-66
awb



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

- Rotary
- Spudder
- Cable Tools
- Storage

WELL RECORD

Oil or Gas Well Gas Storage (KIND)

Quadrangle Drubin
Permit No. POC-32

Company Atlantic Seaboard Corporation
 Address P. O. Box 1273 Charleston, W. Va. 25325
 Farm U.S.A. Dept. of Interior Tr. #52 Acres 48,212.33
 Location (waters) Fox Run of West Fork
 Well No. X-77-7466 Elev. 3560.88'
 District Green Bank County Pocahontas
 The surface of tract is owned in fee by _____
 Address _____
 Mineral rights are owned by U.S. Geological Survey
3218 General Services Bldg. Address Washington, D. C. 20242

Casing and Tubing	Used in Drilling	Left in Well	Packers
16			Kind of Packer
13	3/8" 45'	Cemented with 30 sacks	
10			Size of
9	5/8" 1493'	Cemented with 460 cu.ft. Litepoz & 100 cu.ft. Neat cement.	Depth set
6	7" 5976'	Cemented with 200 cu.ft. Litepoz & 500 gals. cealment	
3			Perf. top
2	3/8"	6150'	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

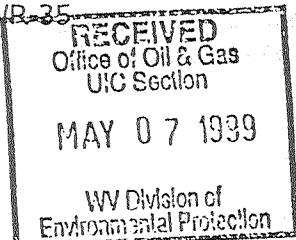
Drilling commenced 4-5-66
 Drilling completed 4-24-66
 Date Shot _____ From _____ To _____
 With _____
 Open Flow 10ths Water in _____ Inch
10ths Merc. in _____ Inch
 Volume 5,500 M - Oriskany Cu. Ft.
 Rock Pressure 940 lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 WELL ACIDIZED (DETAILS) _____
 WELL FRACTURED (DETAILS) _____

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

RESULT AFTER TREATMENT (Initial open Flow or bbls.) _____
 ROCK PRESSURE AFTER TREATMENT _____ HOURS _____
 Fresh Water 1305' Feet _____ Salt Water _____ Feet _____
 Producing Sand _____ Depth _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Shale & Sand			0	525	Fresh water	1305'	
Sand			525	750			
Shale & Sand Sand			750	975	Gas	6025-6028'	
Sand			975	1260			
Sand & Shale			1260	2105			Test 1,237 M when drilling completed.
Sand			2105	2750			
Shale			2750	3000			Test before acidized - 4/10 Merc. 4" 1,237 M
Sand & Shale			3000	3975			Acidized 5-3-66 with 10,000 gallons 15% HCL acid, 2,000 gallons water overflush with 113,715 standard cu. ft. nitrogen at rate of 250 standard cu.ft. nitrogen per bbl.
Shale			3975	5430			Test after acidized - 4" spring gauge thru 4" 5,500 M
Tully Lime			5430	5455			
Marcellus Shale			5455	5767			
Onondaga Lime			5767	5818			
Chert			5818	5931			
Needmore Shale			5931	5966			
Oriskany Sand			5966	6150			
Helderberg Lime			6150				
Total Depth			6155'				Shut in 5-5-66 in 2-3/8" tubing.
			5767	5966	6150		
			3561	3561	3561		
			2206	2405	2589		

WR-35

07-Jul-97
API # 47-075-00032-WState of West Virginia
Division of Environmental Protection
Section of Oil and GasReviewed AS

Well Operator's Report of Well Work

Farm name: U. S. FOREST SERVICE Operator Well No.: GLADY 7466

LOCATION: Elevation: 3,560.88' Quadrangle: WILDELL

District: GREENBANK

County: POCAHONTAS

Latitude: 7,300 Feet South of 38 Deg. 42 Min. 30 Sec.

Longitude: 1,300 Feet West of 79 Deg. 45 Min. 0 Sec.

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

Agent: RICHARD L. COTY

Inspector: CRAIG DUCKWORTH

Permit Issued: 07/07/97

Well work Commenced: 8/18/97

Well work Completed: 9/26/97

Verbal Plugging

Permission granted on: _____

Rotary Cable _____ Rig

Total Depth (feet) 6,155'

Fresh water depths (ft) See Original Records

Salt water depths (ft) See Previous

Is coal being mined in area (Y/N) ? N

Coal Depths (ft) : See Previous

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Cu. Ft.
PULLED & RETIRED 6,150' of 2-3/8", J-55, 4.7 #/FT EUE TUBING			
STIMULATION; SEE BACK FOR DETAILS			

OPEN FLOW DATA

Producing formation ORISKANY Pay zone depth (ft) 5,966' - 6,150'Gas : Initial open flow 22550 MCF/d Oil : Initial open flow _____ Bbl/dFinal open flow 13859 MCF/d Final open flow _____ Bbl/dTime of open flow between initial and final tests 435 Days HoursStatic rock Pressure 1987 psig (surface pressure) after 2 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.

MAY 22 1999

For: COLUMBIA GAS TRANSMISSION CORP.

By: William H. ForakerDate: May 4, 1999

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

Well Operator's Report of Well Work

STIMULATION

- Acidized on 09-23-97
- Halliburton Foamed Acid Job.
- Pre-flush with 4,032 gals equivalent 15% Halliburton 75 Quality FE Foamed Acid followed by 11,844 gals equivalent 75 Quality Foam.
- Treated with 240 gals 28% Halliburton FE Acid followed by 11,970 gals equivalent 20% Halliburton 75 Quality FE Foamed Acid followed by 11,970 gals equivalent 15% Halliburton 75 Quality FE Foamed Acid. Flushed with 13,986 gals equivalent 75 quality foam and 840 gals H2O.
- Avg. Rate Approx. 20 BPM @ 1800 PSIG
- Total acid 4,778 gallons 28% Halliburton FE acid (uncut).
- Total nitrogen 748,000 scf.
- Additives: 45 gals FE-1A; 17 gals-IIAI-81; 5 gals-SCA-130; 3 gals-FE5A; 24 gals-IIC2; 18 lbs BA-2, 5 gals PEN-88M.

**STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
WELL WORK PERMIT APPLICATION**

- 1) Well Operator: COLUMBIA GAS TRANSMISSION CORPORATION ¹⁷⁵ 10450 (2) 680
- 2) Operator's Well Number: Glady Stg # 7466 (API 47-075-00032) 3) Elevation: 3,560.88 feet
- 4) Well type: (a) Oil / or Gas X /
 (b) If Gas: Production / Underground Storage X / *closed 07/07/97*
 Deep X / Shallow / *Expired 07/07/99*
- 5) Proposed Target Formation (s): Oriskany ⁴⁵
- 6) Proposed Total Depth: Deepen (30') from the Original TD 6,155' KB to New TD 6,185'
- 7) Approximate fresh water strata depths: water noted @ 1,305' on original driller's record
- 8) Approximate salt water strata depths: none recorded
- 9) Approximate coal seam depths: NONE
- 10) Does land contain coal seams tributary to active mine? Yes / No X /
- 11) Proposed Well Work: Columbia proposes to kill the well with a freshwater polymer based mud system. Remove the tubing and reconfigure the wellhead. The well will be deepened an additional thirty feet. The well will be logged with cased and open hole logs. The well will be acidized across the Oriskany section. The well will then be cleaned up, flow tested and placed back in service.

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT	
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill - up (cu. ft.)
Conductor	13-3/8"	H-40	48#	45'	45'	30 sacks
Fresh Water	9-5/8"	H-40	32#	1,493'	1,493'	460 cu ft Litepoz 100 cu ft regular
Coal	<i>Electricity from well records</i>					<i>38 CSR 18A.3</i>
Intermediate						
Production	7"	J-55 & N-80	23#	5,976'	5,976'	200 cu ft litepoz 500 gals latex
Tubing	2-3/8"	J-55 (TO BE RETIRED)	4.7#	6,150'	6,150'	<i>39 CSR 18A.1</i>
Liners						

PACKERS : Kind None
 Sizes _____
 Depths set _____

For Division of Oil and Gas Use Only

- Fee (s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW - 9 WW - 2B Bond _____ Agent

(Type)

23890

*206679
19*

RECEIVED
Department of Environment and Natural Resources
Office of Environmental Protection

- 1) Date: 5/14/97
- 2) Operator's well number
GLADY WELL 7466
- 3) API Well No: 47 - 075 - 00032 . 00
State - County - Permit

Permitting
Office of Oil & Gas
STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- 4) Surface Owner(s) to be served:
 - a) Name United States Forest Service
Address Monongahela National Forest
P. O. Box 1548, Elkins, WV 26241
 - b) Name _____
Address _____
 - c) Name _____
Address _____
- 5) (a) Coal Operator:
 - Name _____
Address _____
 - (b) Coal Owner (s) with Declaration
Name United States Dept. Of Interior, Bureau Of Land Mgt.
Address P.O. Box 631
Milwaukee, WI 53201-0631 Attn: Tim Abing
Name _____
Address _____
 - (c) Coal Lessee with Declaration
Name _____
Address _____
- 6) Inspector Craig Duckworth
Address Box 107, Davisson Route
Gassaway, WV 26624 - 0107
Telephone (304) 626 - 0789

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

_____ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR
 Included is the information required by Chapter 22, Article 6, Section 8 (d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through _____ on the above named parties, by:

- _____ Personal Service (Affidavit attached)
- Certified Mail (Postmarked postal receipt attached)
- _____ Publication (Notice of Publication attached)

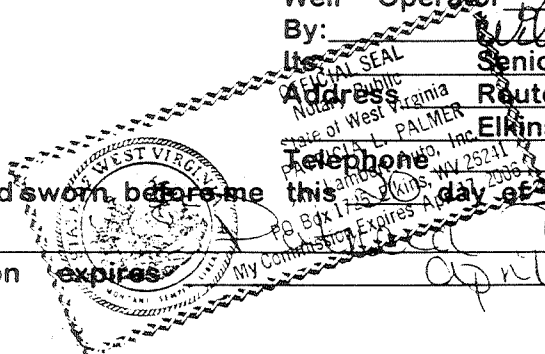
I have read and understand Chapter 22-6 and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator COLUMBIA GAS TRANSMISSION CORP.
 By: William N. Forker
 Title: Senior Storage Engineer / Well Services
 Address: Route 3, Box 216
Elkins, WV 26241

Subscribed and sworn before me this 14 day of May, 19 97
 My commission expires April 17, 2006
 _____ Notary Public



WR-35
Rev (5-01)

DATE: 7/26/10
API #: 47-075-00032 F

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

Well Operator's Report of Well Work

Farm name: U.S. Forest Service Operator Well No.: 7466

LOCATION: Elevation: 3561 ft Quadrangle: Wildell
District: Greenbank County: Pocahontas
Latitude: 7.350 Feet South of 38 Deg. 42 Min. 30 Sec.
Longitude 1.300 Feet West of 79 Deg. 45 Min. 00 Sec.

Company: Columbia Gas Transmission, LLC

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: <u>1700 MacCorkle Ave SE</u> <u>Charleston, WV 25325-1273</u>				
Agent: <u>Paul Amick</u> Inspector: <u>David Gilbert</u>	This is an existing storage well. No tubing or casing pulled or ran during permitted well work. Below is a record of current tubulars in well.			
Date Permit Issued: <u>4/30/10</u>				
Date Well Work Commenced: <u>6/30/2010</u>	<u>13-3/8 48#</u>	<u>33</u>	<u>0 - 33</u>	<u>30 sx</u>
Date Well Work Completed: <u>7/23/2010</u>	<u>9-5/8 32#</u>	<u>1489</u>	<u>0 - 1489</u>	<u>560 cu ft</u>
Verbal Plugging:	<u>7 23#</u>	<u>5991</u>	<u>0 - 5991</u>	<u>267 cu ft</u>
Date Permission granted on:				
Rotary X Cable Rig				
Total Depth (feet): <u>6155 (pre-work TD)</u>				
Fresh Water Depth (ft.): <u>not applicable - rework</u>				
Salt Water Depth (ft.): <u>not applicable - rework</u>				
Is coal being mined in area (N/Y)? <u>N</u>				
Coal Depths (ft.): <u>none reported</u> ft				

RECEIVED
Office of Oil & Gas
AUG 02 2010

OPEN FLOW DATA

Producing formation Oriskany Sand Pay zone depth (ft) 6025 - 6028
Gas: Initial open flow not applicable MCF/d Oil: Initial open flow none Bbl/d
Final open flow * 15,000 MCF/d Final open flow none Bbl/d
Time of open flow between initial and final tests not applicable Hours
Static rock pressure 1500 psig (surface pressure) after 24 Hours
* AOF @ max rock pressure of 2050 psig

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: James E. Amos
By: James E. Amos - Senior Storage Engineer - Columbia Gas Transmission, LLC
Date: 7/26/10

Glady storage well 7466

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

Ran pipe inspection log. Performed fresh water treatment. Cleaned wellbore with coil tubing and performed acid stimulation. Post acid treatment, master valve began leaking. Set bridge plug, replaced master valve, and retrieved bridge plug. Flowed well to recover fluids and re-establish gas flow.

* Note that no earthen pit was utilized. All fluids recovered via steel tanks and transported off site to waste water treatment facility.