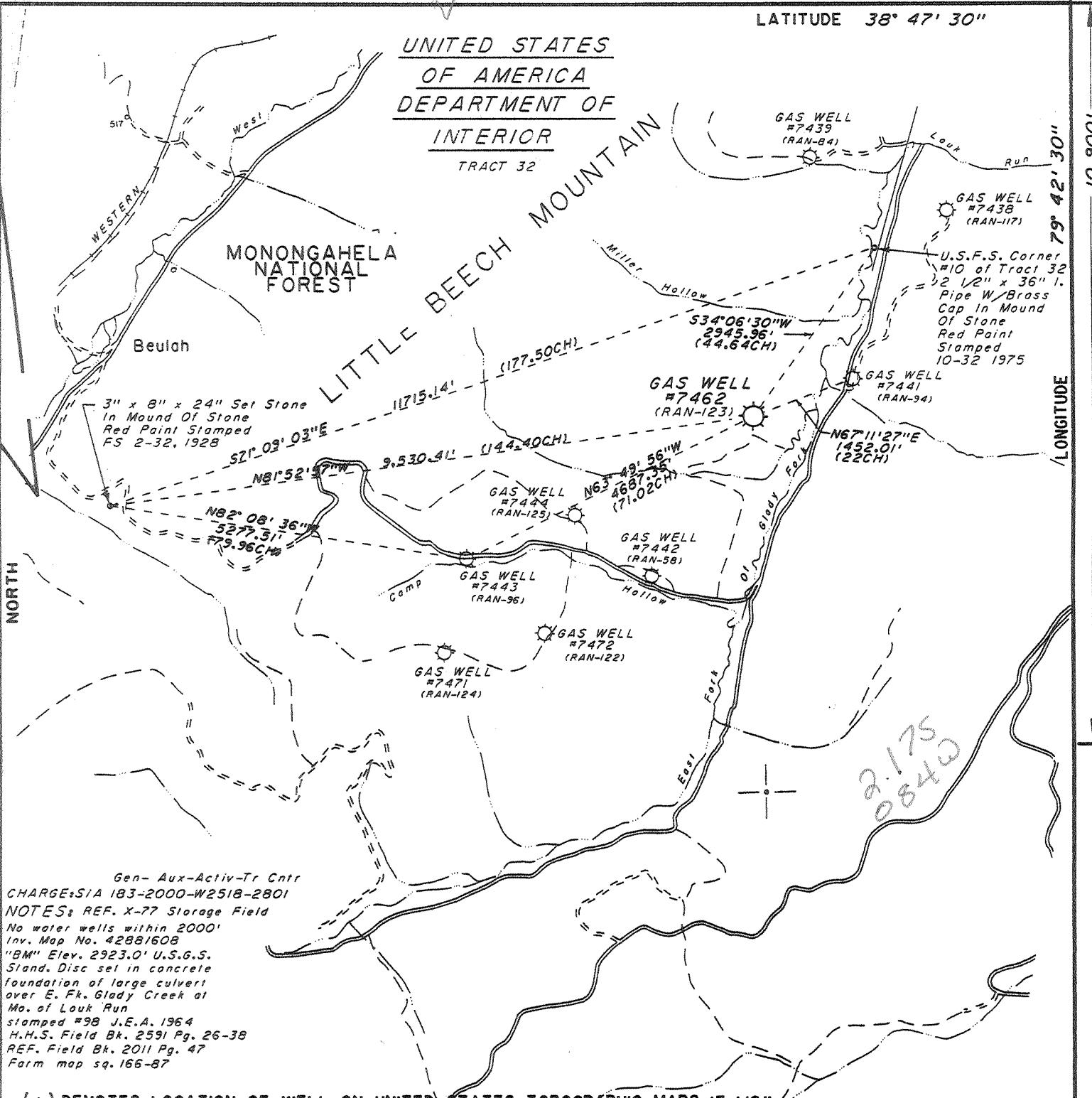


275'

LATITUDE 38° 47' 30"

UNITED STATES OF AMERICA DEPARTMENT OF INTERIOR TRACT 32

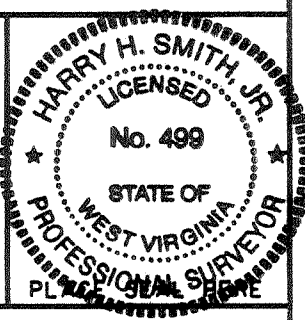


Gen- Aux-Activ-Tr Cntr CHARGE S/A 183-2000-W2518-2801 NOTES: REF. X-77 Storage Field No water wells within 2000' Inv. Map No. 42881608 "BM" Elev. 2923.0' U.S.G.S. Stand. Disc set in concrete foundation of large culvert over E. Fk. Glady Creek at Mo. of Louk Run stamped #98 J.E.A. 1964 H.H.S. Field Bk. 2591 Pg. 26-38 REF. Field Bk. 2011 Pg. 47 Form map sq. 166-87

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

FILE NO. DRAWING NO. 7462 SCALE 1" = 2000' MINIMUM DEGREE OF ACCURACY 1/200 PROVEN SOURCE OF ELEVATION "BM" See Note 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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENERGY. (SIGNED) Harry H. Smith, Jr. R.P.E. L.L.S. 499



STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY OIL AND GAS DIVISION



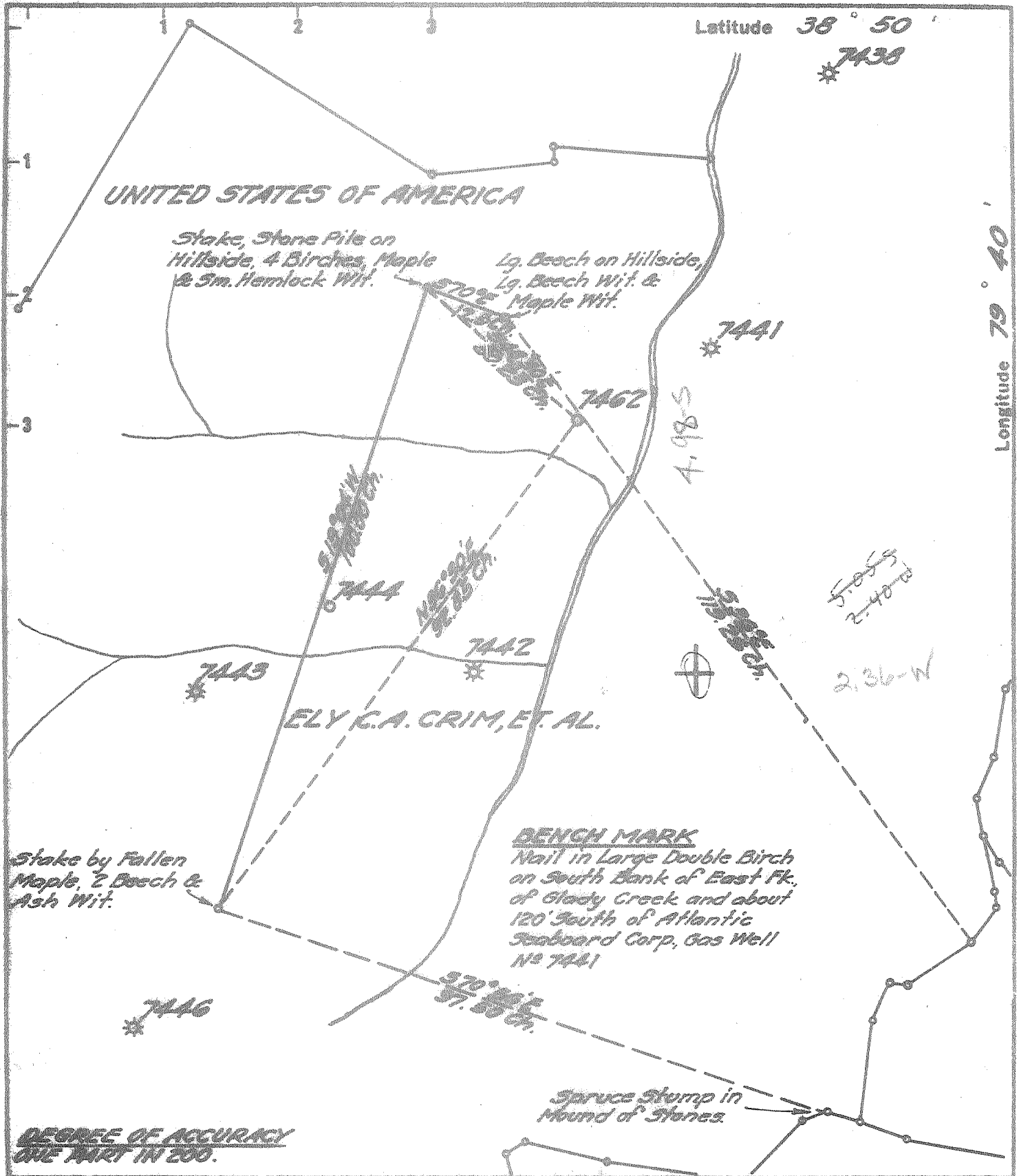
DATE April 22, 1997 OPERATOR'S WELL NO. 7462 API WELL NO. 47 083 00123-W STATE COUNTY PERMIT

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL (IF "GAS,") PRODUCTION STORAGE X DEEP SHALLOW LOCATION: ELEVATION 3129.36 WATER SHED East Fork of Glady Fork DISTRICT Dry Fork COUNTY Randolph QUADRANGLE Glady, WV COORDINATES LAT: 38° 45' 42" LONG: 79° 42' 34" SURFACE OWNER United States Of America (Tract 32) ACREAGE 1863.61 OIL & GAS ROYALTY OWNER United States Of America (Fee) LEASE ACREAGE 27804.07 (Randolph) COAL OWNER (Dept of Interior) LEASE NO. 90700 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 TRANS CORP DESIGNATED AGENT Richard L Colv ADDRESS PO Box 1273, Charleston, WV ADDRESS PO Box 1273, Charleston, WV 25325-1273

Elstons Storage well Drilled in 1966 4 1997

DEEP WELL

RANDOLPH COUNTY NAME PERMIT 00123



Fracture	<input type="checkbox"/>
Before 6/5/27	<input type="checkbox"/>
New Location	<input checked="" type="checkbox"/>
Drill Deeper	<input type="checkbox"/>
Redrill	<input type="checkbox"/>
Abandonment	<input type="checkbox"/>

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 2982.60

Company ATLANTIC SEABOARD CORP

Address CHARLESTON W.VA.

Farm ELY G.A. GRIM, ET AL.

Tract _____ Acres 883 Lease No. 15-620

Well (Farm) No. _____ Serial No. 7462

Elevation (Spirit Level) 3179.36'

Quadrangle HORTON-SW

County RANDOLPH District DRY FORK

Engineer Richard R. Howell

Engineer's Registration No. _____

File No. 166-87 Drawing No. _____

Date APRIL 18, 1966 Scale 1"=1320'

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

WELL LOCATION MAP
FILE NO. RAN-123

+ 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 } OF is Kany Storage
 } To = Helderberg



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 Horton
Permit No. RAN.-123

Company Atlantic Seaboard Corporation
Address P.O. Box 1273 Charleston, W. Va. 25325
Ely C.A. Crim, et al
Farm (U.S.A. Tr. 32 - Surface) Acres -
Location (waters) East Fork of Glady Creek
Well No. X-77-7462 Elev. 3179.36'
District Dry Fork County Randolph
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by Elizabeth A. Crawford Vilseck, et al
1/4 South Randolph St. address Elkins, W. Va.
Drilling commenced 7-5-66
Drilling completed 7-20-66
Date Shot _____ From _____ To _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packerc
16			
13 3/8"		37' Cemented	
10			Size of
9-5/8"		1420' Cemented	
7"		4834' Cemented	both set
			Perf. top
			Perf. bottom
			Perf. top
			Perf. bottom

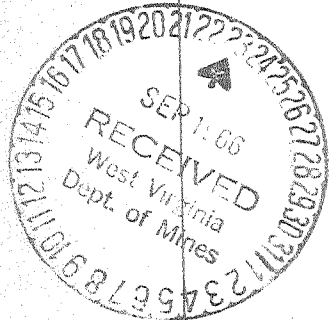
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume 7,270,000 - Oriskany Cu. Ft.
Rock Pressure 1650 lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS) _____
WELL FRACTURED (DETAILS) _____

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 81 Feet _____ Salt Water _____ Feet _____
Producing Sand _____ Depth _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface			0	37	Water at 81'		
Sand			37	291			
Sand & Shale			291	977	All gas test 991 M when drilling completed		
Shale			977	1343			
Sand			1343	1450			
Shale			1450	2770			
Sand			2770	3140	Test before acidized - 991 M		
Shale			3140	4436	Acidized 7-26-66 with 20,000 gallons 28% Hcl acid, overflushed with 4,000 gallons water.		
Tully Lime			4436	4451	Test after acidized 7# spring gauge		
Marcellus Shale			4451	4646	4" 7,270 M		
Onondaga			4646	4689			
Chert - HRVL			4689	4796			
Shale - NEELMORE			4796	4829			
Oriskany			4829	5050			
Helderberg			5050		Shut in 7-28-66		
Total Depth			5058'				

485
4829
3179
-1650



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

- 1) Well Operator: COLUMBIA GAS TRANSMISSION CORPORATION ¹²⁵ 10450 (2) 369
- 2) Operator's Well Number: Glady Stg # 7462 (API 47-083-00123) 3) Elevation: 3,179.36 feet
- 4) Well type : (a) Oil / or Gas X / Issued 07/07/97
Expires 07/07/99
- (b) If Gas : Production / Underground Storage X /
Deep X / Shallow /
- 5) Proposed Target Formation (s) : Oriskany ⁴⁷⁵
- 6) Proposed Total Depth : 5,058 ft. KB (orig. TD) RECEIVED
Division of
Environmental Protection
1997
- 7) Approximate fresh water strata depths : water noted @ 81' on original driller's record Permitting
Office of Oil & Gas
- 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 cleaned out to the original TD. The well will be logged with cased and open hole logs. The well will be acidized across the Oriskany section as determined by the well logs. 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#	37'	37' KB	20 sks neat w/ 3% CaCl
Fresh Water	9-5/8"	H-40	32#	1,339'	1,328' GL	460 cu ft Litepoz 100 cu ft regular
Coal						
Intermediate						
Production	7"	J-55 & N-80	23#	4,834'	4,834' KB	200 cu ft litepoz 500 gals latex
Tubing	2-3/8"	J-55 (TO BE RETIRED)	4.7#	5,050'	5,050' KB	
Liners						

PACKERS : Kind None
 Sizes _____
 Depths set _____

206479
19

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)

23892

1) Date: 6/6/97
2) Operator's well number
GLADY WELL 7462
3) API Well No: 47 - 083 - 00123 - W
State - County - Permit

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 _____
6) Inspector Craig Duckworth
Address Box 107, Davisson Route
Gassaway, WV 26624 - 0107
Telephone (304) 626 - 0789

5) (a) Coal Operator:
Name _____
Address _____
(b) Coal Owner (s) with Declaration
Name **Marvin Culpepper
Address 616 Stonewall Dr.
Charleston, WV 25302
Name **Dale Colerider
Address 119 S. Kanawha St.
Buckhannan, WV 26201
(c) Coal Lessee with Declaration
Name _____
Address _____
** (See Attached List For Additional Coal Owners)

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
 X 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)
- X 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.

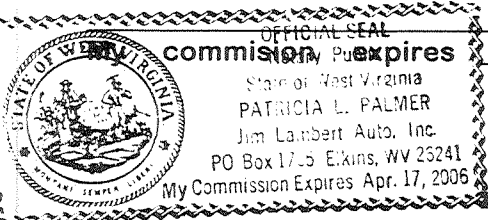
I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator COLUMBIA GAS TRANSMISSION CORP.
By: William H. Foraker
Its: Senior Storage Engineer / Well Services
Address Route 3, Box 216
Elkins, WV 26241
Telephone _____

Subscribed and sworn before me this 06 day of June, 19 97

Patricia L. Palmer
April 17, 2006

Notary Public



083-0723

INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE
Chapter 22, Article 6, Section 8 (d)
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Coal Ownership:

Well 7462 Glady Storage

Marvin Culpepper
616 Stonewall Dr.
Charleston, WV 25302

Dale Colerider
119 S. Kanawha St.
Buckhannon, WV 26201

Nancy Gehweiler
26 Murfield Dr.
Lincoft, NJ 07738

Maxine O'Dell
604 Hall Street
Charleston, WV 25302

Roger Smallridge
2121 Glenridge, CT
Marietta, GA 30062-1880

Jeanie Isner
4228 Rageant Lane
Fairfax, VA 22033

Elizabeth Vilseck
P. O. Box 1429
Elkins, WV 26241

Catherine Owen
102 Barthel
Cary, NC 27513

Wilma Goodwin
717 Pittsburgh Ave.
Fairmont, WV 26554

Phillip Holz
24 Mead Hall Ct
Durham, NC 27713

John Shomo
8212 Brentview Court
Brentwood, TN 37007

Charles Holz
c/o Catherine Owen
102 Barthel Dr.
Cary, NC 27513

Appalachian Royaltie Inc.
P. O. Drawer 1917
Clarksburg, WV 26301

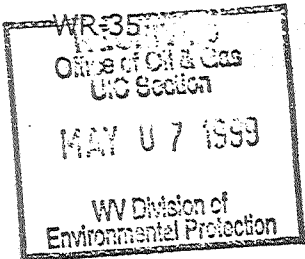
Jo Ellen Hissan, agent
70 Renwich Dr.
Clarksburg, WV 26301

Richard Crim
975 N. Kepler Rd.
Deland, FL 32724

RECEIVED
Division of
Environmental Protection

JUN 16 1997

Permitting
Office of Oil & Gas



03-Jul-97
API # 47- 083-00123-W

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

Reviewed RS

Well Operator's Report of Well Work

Farm name: U. S. FOREST SERVICE Operator Well No.: GLADY 7462

LOCATION: Elevation: 3,179.36 Quadrangle: GLADY

District: DRY FORK County: RANDOLPH
Latitude: 10,900 Feet South of 38 Deg. 47 Min. 30 Sec.
Longitude: 275 Feet West of 79 Deg. 42 Min. 30 Sec.

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

Agent: RICHARD L. COTY
Inspector: PHILLIP TRACY
Permit Issued: 07/07/97
Well work Commenced: 08/27/97
Well work Completed: 09/29/97
Verbal Plugging
Permission granted on: _____
Rotary _____ Cable _____ Rig _____
Total Depth (feet) 5,058'
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 & Up Tubing Size	Used in Drilling	Left in Well	Cement Fill Cu. Ft.
PULLED & RETIRED 5,050' of 2-3/8" 4.7 lb/ft JU-55 EUE Tubing			
STIMULATION; SEE BACK FOR DETAILS			

OPEN FLOW DATA

Producing formation ORISKANY Pay zone depth (ft) 4,829' - 5,050'
Gas : Initial open flow 7584 MCF/d Oil : Initial open flow _____ Bbl/d
Final open flow 4790 MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests 419 Days Hours
Static rock Pressure 1918 psig (surface pressure) after 4 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 : William H. Foraker
Date : May 4, 1999

MAY 17 1999

RAN D123 W

WR-35

03-Jul-97

API # 47- 083-00123-W

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

Well Operator's Report of Well Work

STIMULATION

- Acidized on 09-25-97
- Halliburton Foamed Acid Job.
- Pre-flush with 4,032 gals equivalent 15% Halliburton 75 Quality FE Foamed Acid followed by 10,080 gals equivalent 75 Quality Foam and 483 gals H₂O.
- Treated with 250 gals 28% Halliburton FE Acid followed by 11,970 gals equivalent 20% Halliburton 75 Quality FE Foamed Acid followed by 11,172 gals equivalent 15% Halliburton 75 Quality FE Foamed Acid. Flushed with 13,104 gals equivalent 75 quality foam and 840 gals H₂O.
- Avg Rate approx. 12 BPM @ 2100 PSIG
- Total acid 4,528 gallons 28% Halliburton FE acid (uncut).
- Total nitrogen 750,000 scf.
- Additives: 45 gals FE-1A; 17 gals-HAI-81; 5 gals-SCA-130; 3 gals-FE5A; 24 gals-HC2; 18 lbs BA-2; 5 gals Penn-88.