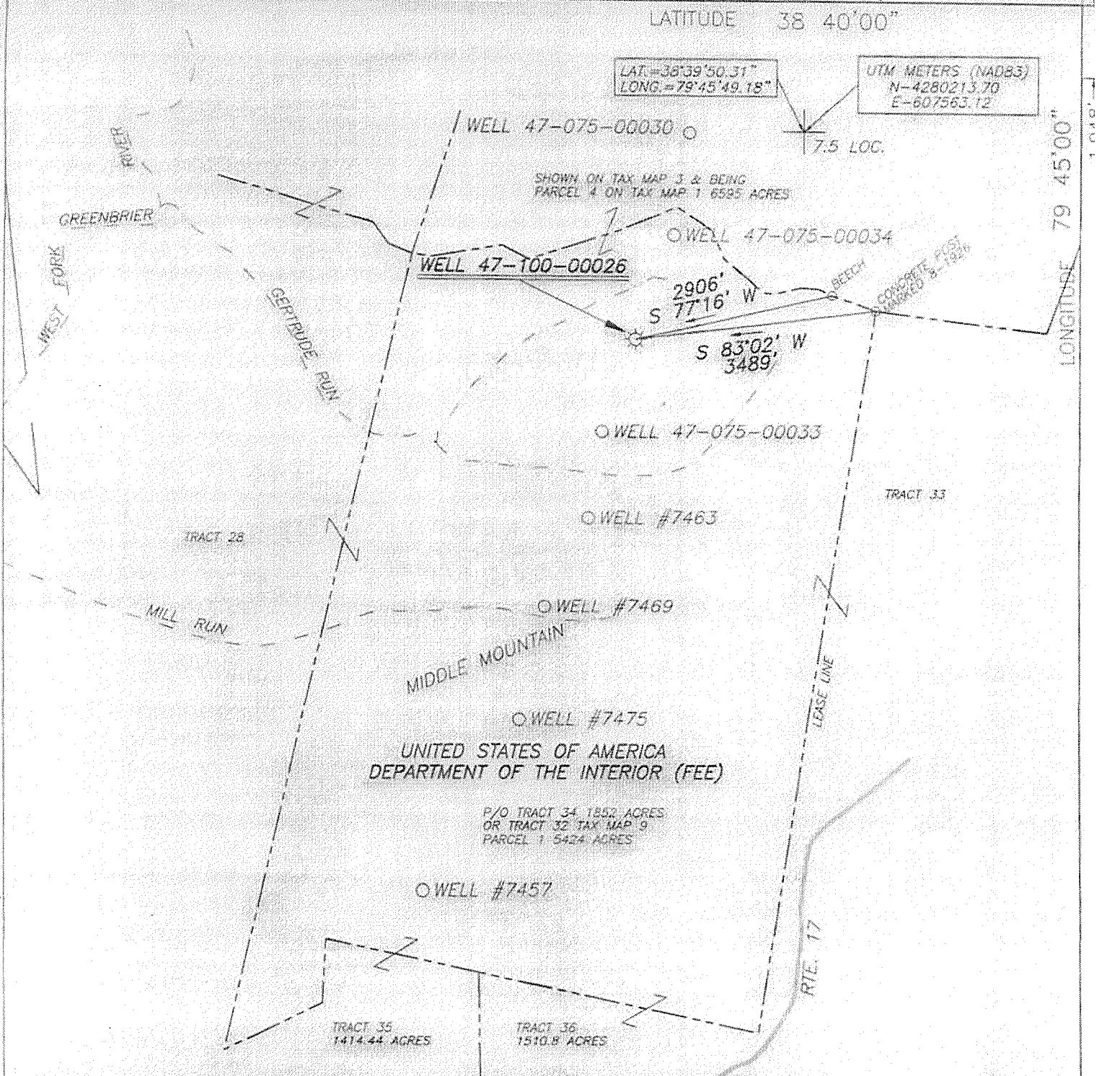


LATITUDE 38 40'00"

3,995'

LAT. = 38°39'50.31"  
LONG. = 79°45'49.18"

UTM METERS (NAD83)  
N = 4280213.70  
E = 607563.12

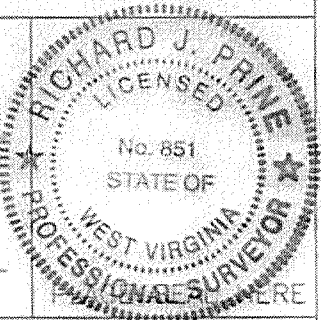


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE No. 14-100-004  
 DRAWING No. 14-100-004  
 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) Richard J. Prine  
 RICHARD J. PRINE PS #851



STATE OF WEST VIRGINIA  
 DIVISION OF ENVIRONMENTAL PROTECTION  
 OFFICE OF OIL AND GAS

NITRO, WV

DATE APRIL 25 20 14  
 OPERATOR'S WELL No. 7456  
 API WELL No. 47 075 - 00026W

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 3525 WATER SHED WEST FORK OF GREENBRIER RIVER  
 DISTRICT GREEN BANK COUNTY POCAHONTAS  
 QUADRANGLE WILDELL

SURFACE OWNER U.S. DEPT. OF INTERIOR ACREAGE 1852  
 OIL & GAS ROYALTY OWNER U.S. DEPT. OF INTERIOR LEASE AGREEMENT 1852  
 LEASE No. 90700

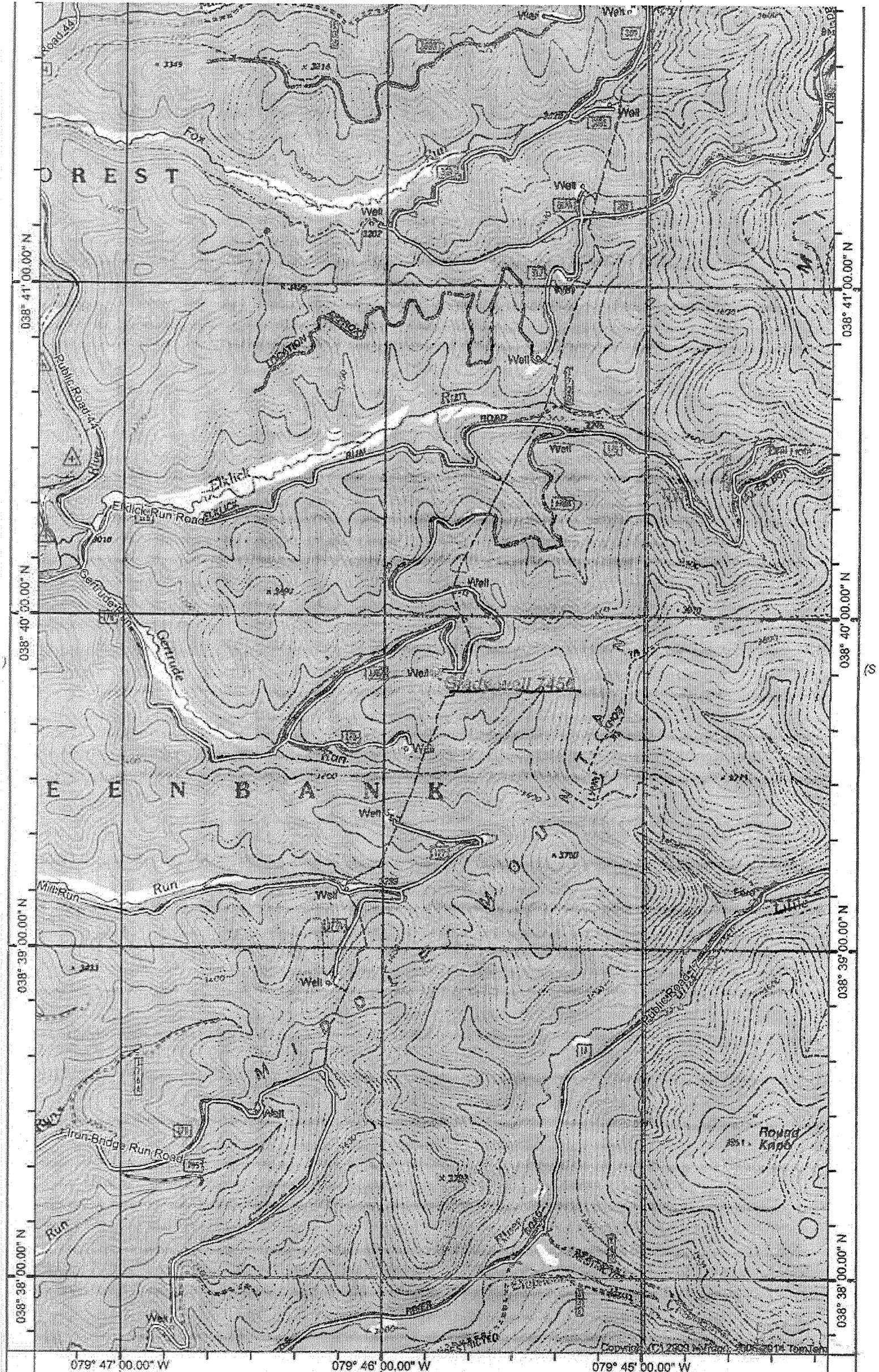
PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) ACID STIMULATION

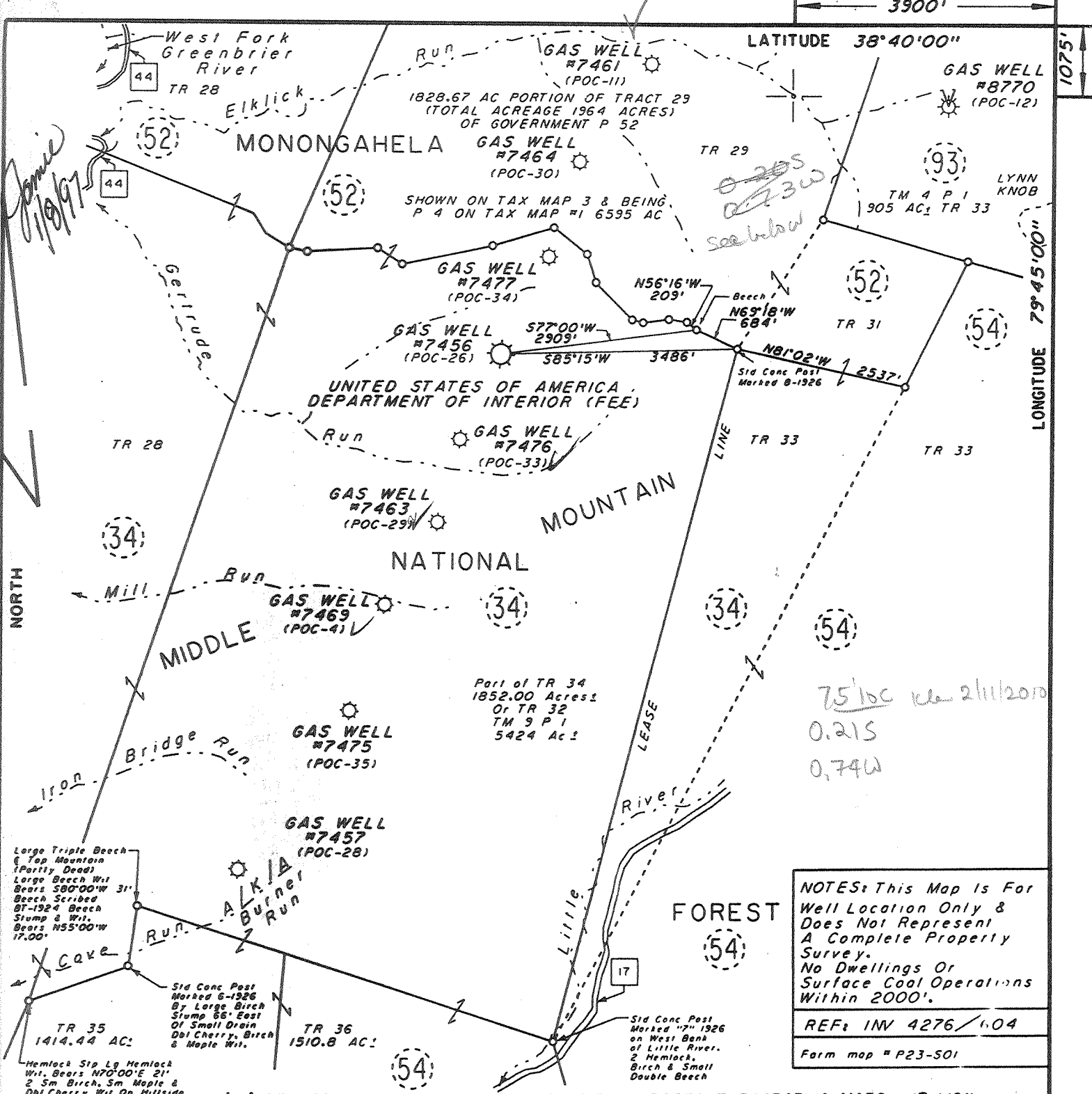
PLUG AND ABANDON  CLEAN OUT AND REPLUG

TARGET FORMATION ORISKANY ESTIMATED DEPTH 6153  
 WELL OPERATOR COLUMBIA GAS TRANSMISSION, LLC DESIGNATED AGENT PAUL AMICK  
 ADDRESS PO BOX 1273, CHARLESTON, WV 25325-1273 ADDRESS P.O. BOX 1273, CHARLESTON W.V. 25325-1273

FORM IV-6 (8-78)

06/27/2014





NOTES: This Map is For Well Location Only & Does Not Represent A Complete Property Survey. No Dwellings Or Surface Coal Operations Within 2000'.  
 REF: INV 4276/604  
 Farm map # P23-501

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

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION BM Nail In Base  
 Of An 18" Maple 84' SE Of Well X-77-7469; Elev 3279.55

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) Edw. Nichols  
 R.P.E. \_\_\_\_\_ L.L.S. 798

PLACE SEAL HERE

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

DATE November 15, 1996  
 OPERATOR'S WELL NO. 7456  
 API WELL NO. 47 075 00026-7

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL STATE COUNTY PERMIT  
 IF "GAS," PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 3516' WATER SHED West Fork of Greenbrier River  
 DISTRICT Greenbank COUNTY Pocahontas  
 QUADRANGLE Wildell, WV COORDINATES LAT: 38°39'50" LONG: 79°45'49"

SURFACE OWNER United States of America Dept of Interior ACREAGE 1852.00 ±  
 OIL & GAS ROYALTY OWNER USA Dept Of Interior LEASE ACREAGE 48,212.33  
 COAL OWNER \_\_\_\_\_ 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  
Re-work and acidize existing storage well. Drilled in 1965

PLUG AND ABANDON CLEAN OUT AND REPLUG  
 TARGET FORMATION Chickamauga ESTIMATED DEPTH 6153' JAN 21 1997  
 WELL OPERATOR COLUMBIA GAS TRANSMISSION CORP DESIGNATED AGENT RICHARD L COTY  
 ADDRESS PO Box 1273, Charleston, WV 25325-1273 ADDRESS PO Box 1273, Charleston, WV 25325-1273



POCAHONTAS COUNTY NAME PERMIT 26

Latitude 38° 40'

Longitude 79° 45'

7454

ELK

LICK

RUN

7461

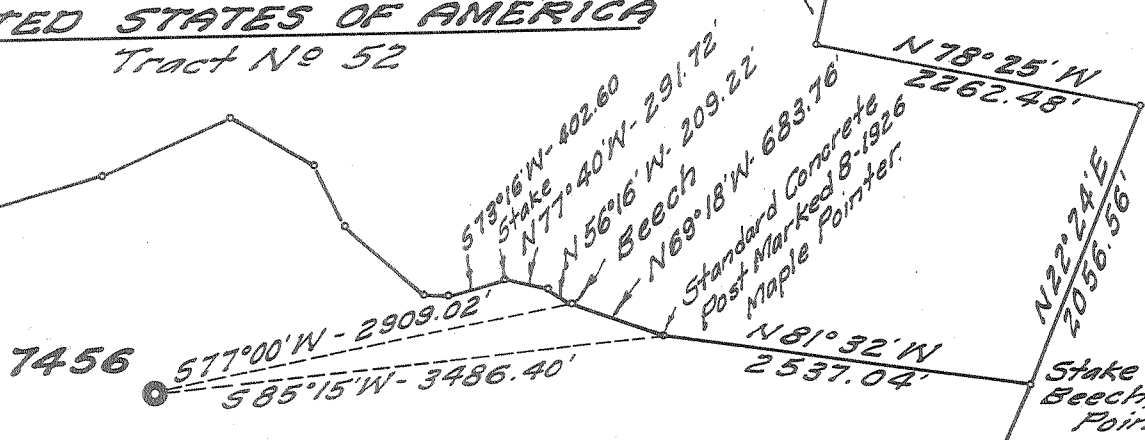
8770

UNITED STATES OF AMERICA  
Tract No 52

UNITED STATES OF AMERICA  
Tract No 34

BENCH MARK DESCRIPTION  
Ground Elevation of Columbian  
Carbon Well No 1291, (After Grading).  
Elevation: 3387.04'

DEGREE OF ACCURACY  
One Part in Two Hundred.



0.225  
0.78 W  
6 NE (7-12)

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

*Seybert R. Shenell*

Company ATLANTIC SEABOARD CORP  
 Address CHARLESTON, W. VA.  
 Farm U.S.A. DEPT. OF INTERIOR  
 Part Of 34 Acres 1852 Part Of AS-700  
 Tract  
 Well (Farm) No. \_\_\_\_\_ Serial No. 7456  
 Elevation (Spirit Level) 3516.02'  
 Quadrangle DURBIN - EC  
 County POCAHONTAS District GREENBANK  
 Engineer Seybert R. Shenell  
 Engineer's Registration No. 2529  
 File No. 162-81 Drawing No. \_\_\_\_\_  
 Date JUNE 2, 1964 Scale 1" = 1320'

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

WELL LOCATION MAP  
FILE NO. POCA-26

+ 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.

*Oriskany Gas Storage*  
*Oriskany Gas Storage*  
*Deep Well 9-0261*



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 13

Quadrangle Durbin  
Permit No. Poca. - 26

WELL RECORD

Oil or Gas Well \_\_\_\_\_  
Storage Gas \_\_\_\_\_  
(KIND)

Company Atlantic Seaboard Corporation  
Address Box 1273 - Charleston, W. Va.  
Farm U.S. Dept. of Interior Tr #34 Acres 1852  
Location (waters) Gertrude Run of Greenbrier River  
Well No. 7456 Elev. 3516.02  
District Green Bank County Pocahontas  
The surface of tract is owned in fee by U.S. Dept. of Interior  
Address Washington, D. C.

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13 3/8"	31'	31'	Size of
9 5/8"	1339'	1339'	Depth set
8 1/4"			
7"	5938'	5938'	Perf. top
5 3/16"			Perf. bottom
3"			Perf. top
2 3/8"	6132'	6132'	Perf. bottom
Liners Used			

Mineral rights are owned by Same  
Address \_\_\_\_\_

Drilling commenced 12-1-65  
Drilling completed 12-19-65

Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_

Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
\_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
Volume See back 53,000 Cu. Ft.

Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.

WELL ACIDIZED See back.

WELL FRACTURED \_\_\_\_\_

RESULT AFTER TREATMENT 53,000

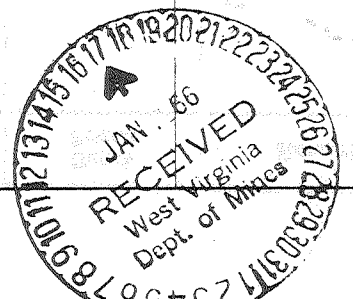
ROCK PRESSURE AFTER TREATMENT \_\_\_\_\_

Fresh Water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Sand & Shale			0	5387	Water	80'	Fresh
Mill Limestone			5387	5403	Water	142'	Fresh
Marcellus Shale			5403	5697			
Onondaga Limestone			5697	5741			
Conert			5741	5849			
Shale			5849	5885			
Criskany Sandstone			5885	6115	Gas	5889	1.350 MCF
Elderberg Limestone			6115		Gas	5895-5912	Show
Total Depth			6123		Gas	5987	Increased
					Gas	6035 - 41	Increased

above depths - RKB

All gas gauged 11,010 MCF when completed drilling.



Formation	Color	Hard or Soft	Top 13	Bottom	Oil, Gas or Water	Depth Found	Remarks
<b>CASING &amp; CEMENT:</b>							
13 3/8", 48#/ft., H-40 casing - 31' (threads on) set at 31' KB. Cemented to surface with 30 sacks neat cement w/3% cacl. - 12-2-65.							
9 5/8", 32#/ft., H-40 casing - 1339' (threads on) set at 1328' G.L. Cemented to surface with 460 sacks neat cement with 3% cacl. - Dowell - 12-6-65.							
7" 23#/ft., J-55 & N-80 casing - 5937.76' (threads on) set at 5895' K.B. Cemented to surface (two stage) with 1060 cu. ft. "Litepoz". First stage tailed in with 500 gal. "Cealment". Second stage tailed in with 150 gal. "Cealment". - Dowell - 12-16, 17-65							
2 3/8", 4.7#/ft., J-55, EUE tubing - 6132' (threads on) set at 6111' KB Ran as siphon string - 12-20-65							
<b>LOGGING:</b>							
Gamma Ray, temperature - 5300' to 5895' - Basin Surveys - 12-14-65							
<b>STIMULATION:</b>							
10,000 gal. 15% retarded H Cl. acid, 10,000 gal. 15% H Cl. reg. acid, 10,000 gal. 3% H Cl. acid overflush, 10,000 gal. H <sub>2</sub> O flush with 141,300 Scf N <sub>2</sub> @ rate of 200 Scf/bbl. - Dowell & Aircowell - 12-22-65							
<b>PRODUCTION:</b>							
Before stimulation 16# SG in 4" + 11.010 MMCF @ 1500 psig - 12-19-65							
After stimulation - 53,000							
Final shut-in: 12-28-65							
Open flow is calculated maximum open flow at field pressure of 2050#.							

Date Jan 10, 1966

APPROVED Atlantic Seaboard Corp. Owner

By A. C. [Signature] (Title) Supt.

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

680

1) Well Operator: COLUMBIA GAS TRANSMISSION CORPORATION 10450 (2)

2) Operator's Well Number: Glady Stg # 7456 API 47-075-00026 3) Elevation: 3516.02 feet

Well type: (a) Oil / or Gas X /  
(b) If Gas: Production / Underground Storage X /  
Deep X / Shallow /

*Issued 01/13/97  
Expires 01/13/99*

Proposed Target Formation (s): Oriskany 475

Proposed Total Depth: 6153 (drill deeper 30 feet) feet

Approximate fresh water strata depths: 80', 142'

Approximate salt water strata depths: none recorded

Approximate coal seam depths: NONE

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 drilled an additional 30 feet as needed to facilitate open hole logging. The well will be logged with cased and open hole logs. The well will be acidized or fractured 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		Weight per ft.	FOOTAGE INTERVALS		CEMENT
	Size	Grade		For drilling	Left in well	
conductor	13-3/8"	H-40	48#	31'	31' KB	To surf. 30 sks neat
Fresh Water	9-5/8"	H-40	32#	1,339'	1,328' GL	To Surf. 460 sacks neat
Coal						
Intermediate						
Production	7"	J-55 & N-80	23#	5,937.76'	5,895' KB	660 cu ft litepoz 650 gals cealment
Tubing	2-3/8"	(TO BE RETIRED)	4.7#	6132'	6,111' KB	
Liners						

*1334*  
*5938*  
*6132*  
*Expanding forward leads*

PACKERS : Kind None  
Sizes \_\_\_\_\_  
Depths set \_\_\_\_\_

*6071760*  
*602*

For Division of Oil and Gas Use Only  
 Fee (s) paid.  Well Work Permit  Reclamation Fund  WPCP Agent  
 Plat  WW-9  WW-2B  Bond *Simplet* (Type)

DEC 27 1996  
Permitting  
Office of Oil & Gas

RECEIVED  
Environmental Protection  
DEC 27 1996  
Permitting  
Office of Oil & Gas

- 1) Date: 10/24/96
- 2) Operator's well number  
GLADY WELL 7456
- 3) API Well No: 47 - 075 - 00026 - F  
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 \_\_\_\_\_
- 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 Phillip Tracy  
Address Route 2, Box 37-A  
Montrose, WV 26283  
Telephone (304) - 636-8798

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)

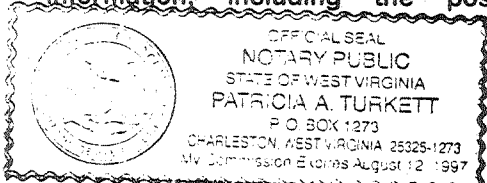
I certify that as required under Chapter 22 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through \_\_\_\_\_ on the above named parties, by:

- \_\_\_\_\_ 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.

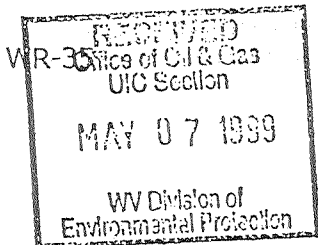


Well Operator COLUMBIA GAS TRANSMISSION CORP.  
By: W.H. Foraker  
Its: Senior Storage Engineer / Well Services  
Address Route 3, Box 216  
Elkins, WV 26241

Telephone 304/636-8129  
me this 4th day of November, 1996

Subscribed and sworn before  
Patricia A. Turkett Notary Public  
My commission expires August 12, 1997





08-Jan-97  
API # 47- 075-00026-F

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

Reviewed *MS*

Well Operator's Report of Well Work

Farm name: U. S. FOREST SERVICE Operator Well No.: GLADY 7456  
 LOCATION: Elevation: 3,516.00 Quadrangle: WILDELL  
 District: GREENBANK County: POCAHONTAS  
 Latitude: 1075 Feet South of 38 Deg. 40 Min. 0 Sec.  
 Longitude: 3900 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: 01/13/97  
Well work Commenced: 06-27-97  
Well work Completed: 09-08-97  
Verbal Plugging  
Permission granted on: \_\_\_\_\_  
Rotary Cable Rig  
Total Depth (feet) 6,123'  
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 EUE TUBING	6,132 FEET OF	2-3/8'	4.7 #/FT
STIMULATION; SEE BACK FOR DETAILS			

OPEN FLOW DATA  
Producing formation ORISKANY Pay zone depth (ft) 5,885' - 6,115'  
Gas : Initial open flow 31,309 MCF/d Oil : Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow 20,186 MCF/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests 438 Days Hours  
Static rock Pressure 2008 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.

For : COLUMBIA GAS TRANSMISSION CORP. MAY 22 1999  
By : William H. Frazer  
Date : May 7, 1999

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

## Well Operator's Report of Well Work

**STIMULATION**

- Acidized on 09-11-97
- Halliburton Foamed Acid Job.
- Pre-flushed with 5,964 gals equivalent 15% Halliburton 75 Quality FE Foamed Acid followed by 9,702 gals 75 Quality foamed H2O
- Treat with 7,980 gals equivalent 28% Halliburton 75 Quality FE Foamed Acid followed by 7,980 gals equivalent 20% Halliburton 75 Quality FE Foamed Acid followed by 7,980 gals 15% Halliburton 75 Quality FE Foamed Acid. Flushed with 14,994 gals equivalent 75 quality foam and 840 gals H2O.
- Avg Rate Approx. 16 BPM @ 2100 PSIG
- Total acid 4,875 gallons 28% Halliburton FE acid (uncut).
- Total nitrogen 860,000 scf.
- Additives:; 15 gals-HAI-81; 5 gals-SCA-130; 50 gals FE-1A; 3 gals-FE5A; 24 gals-HC2; 6 gals PENN-88; 18 lbs-BA-2.

WR-35  
Rev (9-11)

State of West Virginia  
Department of Environmental Protection  
Office of Oil and Gas  
Well Operator's Report of Well Work

DATE: 7/7/14  
API #: 47-7500026

*JK*

Farm name: U.S. Dept. of Interior Operator Well No.: 7456

LOCATION: Elevation: 3525 ft Quadrangle: Wildell

District: Green Bank County: Pocahontas  
Latitude: 1048 Feet South of 38 Deg. 40 Min. 00 Sec.  
Longitude 3995 Feet West of 79 Deg. 45 Min. 00 Sec.

Company: Columbia Gas Transmission, LLC

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
1700 MacCorkle Ave SE Charleston, WV 25325-1273	* no existing	casing altered		
Agent: Paul Amick				
Inspector: Bryan Harris				
Date Permit Issued: 6/27/14				
Date Well Work Commenced: 6/30/14				
Date Well Work Completed: 7/3/14				
Verbal Plugging: NA				
Date Permission granted on:				
Rotary <input type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft):				
Total Measured Depth (ft): 6123 (existing)				
Fresh Water Depth (ft.): 80' & 142' rpt'd by driller in 1965				
Salt Water Depth (ft.): none rpt'd by driller in 1965				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): none rpt'd by driller in 1965				
Void(s) encountered (N/Y) Depth(s) none rpt'd				

RECEIVED  
Office of Oil and Gas  
JUL 08 2014  
WV Department of  
Environmental Protection

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation Oriskany (natural gas storage) Pay zone depth (ft) 5987 - 6035

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

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

RECEIVED  
WV DEP  
JUL 08 2014  
Office of  
Oil and Gas

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the 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.

*James E. Amick*  
Signature

7/7/14  
Date

Glady (261) 9-0

08/15/2014

75-00026

Were core samples taken? Yes \_\_\_\_\_ No X

Were cuttings caught during drilling? Yes \_\_\_\_\_ No N/A

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list No

**NOTE: IN THE AREA BELOW 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 THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.**

Perforated Intervals, Fracturing, or Stimulating:

Performed coil tubing hydro-blast mechanical wash and acid treatment.

Acid treatment: 4000 gal HCl acid, 300 bbls fresh water, Avg rate = 4 bpm, ATP = 0 psig

Plug Back Details Including Plug Type and Depth(s):

Formations Encountered:	Top Depth	Bottom Depth
Surface:		

N/A - no new borehole drilled

**RECEIVED**  
Office of Oil and Gas

JUL 08 2014

WV Department of  
Environmental Protection

08/15/2014