

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

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-77-7463; 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) _____
R.P.E. _____ L.L.S. 798

PLACE SEAL HERE

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION

DATE February 10, 2003
OPERATOR'S WELL NO. 7476
API WELL NO. 47 075 00033 W

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 3326' WATER SHED West Fork of Greenbrier River
DISTRICT Greenbank COUNTY Pocahontas
QUADRANGLE Wildell, WV COORDINATES LAT: 38°39'36" LONG: 79°45'56"

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

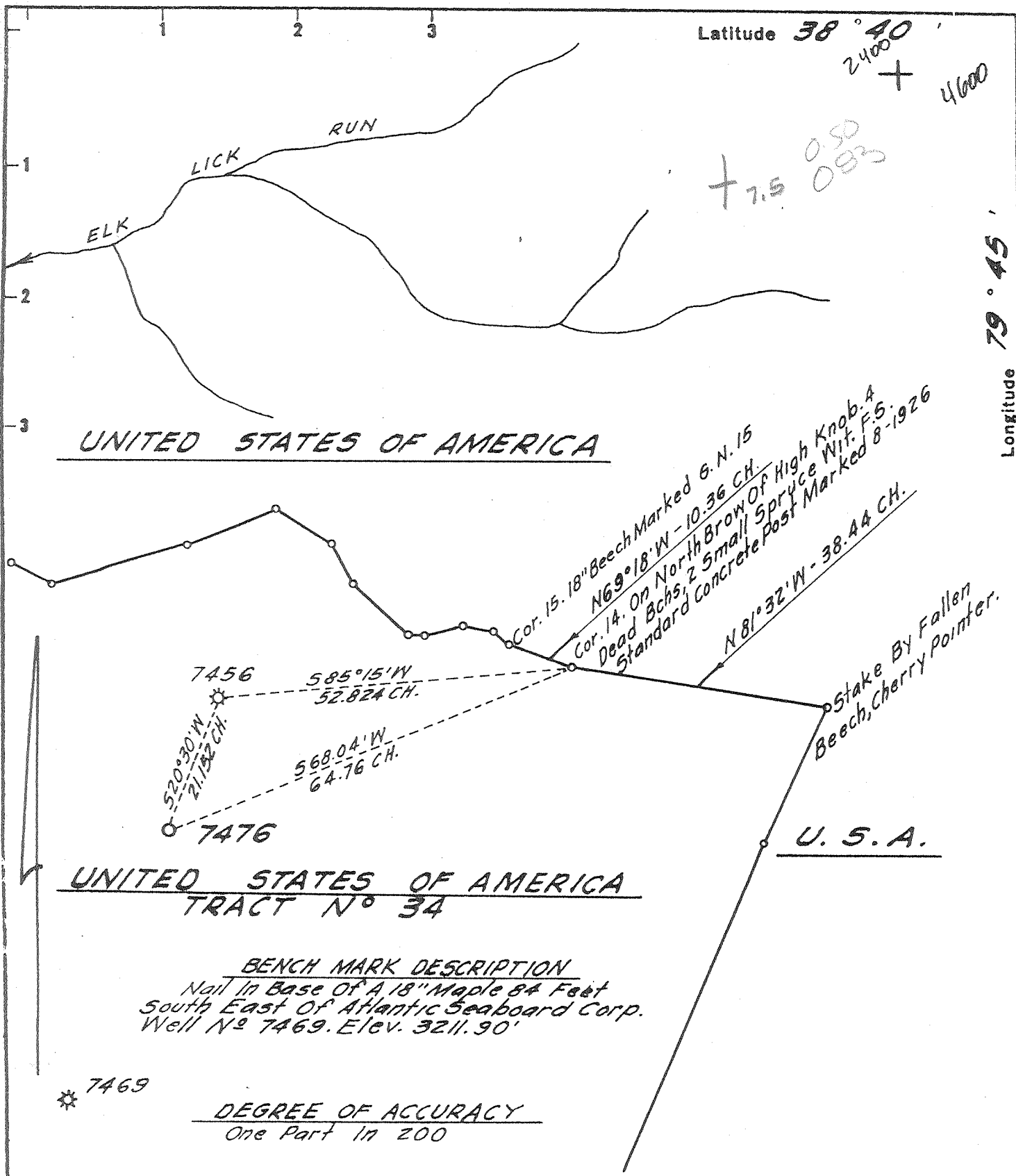
PROPOSED WORKS: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) Storage Recondition

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

POCAHONTAS COUNTY NAME PERMIT 33 W

DEEPWELL 9-0 GLADY (261) APR 07 2003



| | |
|--|--|
| Fracture Before 6/5/27 <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 <u>3211.90'</u> |
| New Location <input checked="" type="checkbox"/> | |
| Drill Deeper <input type="checkbox"/> | |
| Redrill <input type="checkbox"/> | |
| Abandonment <input type="checkbox"/> | |

Company ATLANTIC SEABOARD CORP.
 Address CHARLESTON, W. VA.
 Farm UNITED STATES OF AMERICA
 Tract 34 Acres 1852 BLM-A022926 Lease No. A5-700
 Well (Farm) No. _____ Serial No. 7476
 Elevation (Spirit Level) 3326.15'
 Quadrangle DURBIN Wildell 7.5
 County POCAHONTAS District GREEN BANK
 Engineer Seybert R. Renell
 Engineer's Registration No. 2529
 File No. 162-79 Drawing No. _____
 Date JAN. 19, 1966 Scale 1" = 1320'

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

WELL LOCATION MAP
 FILE NO. Poc-33

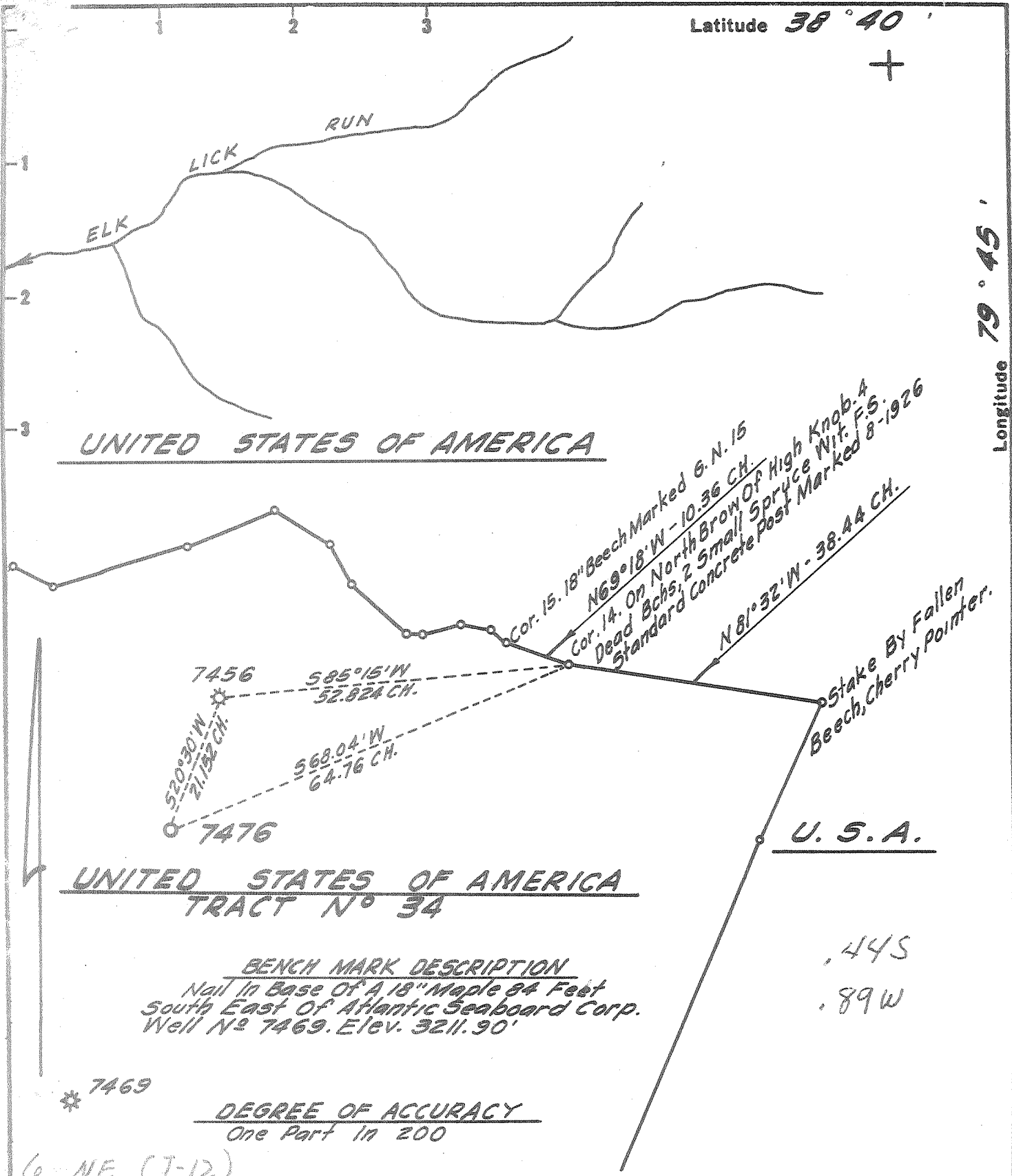
+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500 latitude and longitude lines being represented by border lines as shown.

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

DEEP WELL

Latitude 38° 40'

Longitude 79° 45'



- 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 34 Acres 1852 BLM-A022926 Lease No. AS-700
 Well (Farm) No. _____ Serial No. 7476
 Elevation (Spirit Level) 3326.15'
 Quadrangle DURBIN-EC
 County POCAHONTAS District GREEN BANK
 Engineer Robert R. Russell
 Engineer's Registration No. 2529
 File No. 162-79 Drawing No. _____
 Date JAN. 19, 1966 Scale 1" = 1320'

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

WELL LOCATION MAP
 FILE NO. Poc-33

+ 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 - Onibony Storage



Deep Well

7-12-66

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

- Roller
- Scaffolding
- Cable Tools
- Storage

Quadrangle Durbin
Permit No. POC-33

WELL RECORD

Oil or Gas Well Gas Storage
(KIND)

Company Atlantic Seaboard Corporation
Address P.O. Box 1273 Charleston, W. Va. 25325
Farm U.S.A. Dept. of Interior Tr. #34 Acres 48,212.33
Location (waters) Gertrude Run
Well No. X-77-7476 Elev. 3326.15'
District Green Bank County Pocahontas
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by United States Geological Survey
3218 General Services Bldg. Washington, D.C. 20242

| Casing and Tubing | Used in Drilling | Left in Well | Packers |
|-------------------|-------------------------|--------------|-----------------|
| Size | | | Kind of Packer |
| 16 | | | |
| 13 3/8" | 36' Cemented with 40 | | sacks |
| 10 | | | Size of |
| 9-5/8" | 1152' Cemented with 290 | | cu. Ft. Litepoz |
| 7" | 5717' Cemented with 200 | | Depth set |
| | | | cu. ft. Litepoz |
| 3 | | | Perf. top |
| 2 3/8" | | 5910' | Perf. bottom |
| Liners Used | | | Perf. top |
| | | | Perf. bottom |

Drilling commenced 4-4-66
Drilling completed 4-24-66
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume 20,443 M - Oriskany Cu. Ft.
Rock Pressure 920 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 170' Feet _____ Salt Water _____ Feet _____
Producing Sand _____ Depth _____

| Formation | Color | Hard or Soft | Top | Bottom | Oil, Gas or Water | Depth | Remarks |
|-----------------|-------|--------------|------|--------|------------------------|-------------------------------|---|
| Sand & Shale | | | 0 | 458 | Fresh water | 170' | |
| Sand | | | 458 | 725 | Gas | 5712' | estimated 500 Mcf |
| Shale | | | 725 | 935 | Gas | 5833' | |
| Sand and Shale | | | 935 | 1575 | Gas | 5850-5853' | |
| Shale | | | 1575 | 1990 | All gas test | 11,010 M | when drilling completed. |
| Sand | | | 1990 | 2350 | Test before acidized - | 16# Spring gauge | thru 4" 11,010 M |
| Shale | | | 2350 | 2975 | Acidized 5-5-66 with | 10,000 gallons 15% HCL acid, | 4,536 gallons water overflush with 162,802 standard cu. ft. nitrogen. |
| Sand & Shale | | | 2975 | 4150 | Test after acidized | 44# Spring gauge | thru 4" 20,443 Mcf |
| Shale | | | 4150 | 5205 | | | |
| Tully Lime | | | 5205 | 5225 | FINAL OPEN FLOW - | 20,443 M - Oriskany R.P. 920# | |
| Marcellus Shale | | | 5225 | 5520 | | | Shut in 5-7-66 in 2-3/8" tubing. |
| Onondaga Lime | | | 5520 | 5565 | | | |
| Chert | | | 5565 | 5662 | | | |
| Needmore Shale | | | 5662 | 5707 | | | |
| Oriska Shale | | | 5707 | 5905 | | | |

5520 5707
3326 3326
2194 2381

(over) btm 2 3/8 5910'

WR-35
Rev (5-01)

DATE: 3/12/04
API #: 47-075-00033

MTS

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

Well Operator's Report of Well Work

Farm name: Monongahela National Forest

Operator Well No.: Gladly #7476

LOCATION: Elevation: 3326'

Quadrangle: Willdell, WV

District: Greenbank County: Pocahontas
Latitude: _____ Feet South of 38 Deg. 39 Min. 36 Sec.
Longitude _____ Feet West of 79 Deg. 45 Min. 56 Sec.

Company: Columbia Gas Transmission

| | Casing & Tubing | Used in drilling | Left in well | Cement fill up Cu. Ft. |
|---------------------------------------|-----------------|------------------|--------------|------------------------|
| Address: RR 2 Box 138 | | | | |
| Sandyville, WV 25275 | | | | |
| Agent: Paul Amick | | | | |
| Inspector: Craig Duckworth | | | | |
| Date Permit Issued: 4/10/03 | | | | |
| Date Well Work Commenced: 4/30/03 | | | | |
| Date Well Work Completed: 6/11/03 | | | | |
| Verbal Plugging: | | | | |
| Date Permission granted on: | | | | |
| Rotary Cable Rig | | | | |
| Total Depth (feet): 5913 | | | | |
| Fresh Water Depth (ft.): | | | | |
| Salt Water Depth (ft.): | | | | |
| Is coal being mined in area (N/Y)? No | | | | |
| Coal Depths (ft.): | | | | |

RECEIVED
Office of Oil & Gas
Office of Chief
MAR 15 2004
WV Department of
Environmental Protection

OPEN FLOW DATA

Producing formation **Oriskany Sandstone** Pay zone depth (ft) **5707' to 5905'**
Gas: Initial open flow **N/A Gas Storage** MCF/d Oil: Initial open flow **N/A Gas Storage** Bbl/d
Final open flow **N/A Gas Storage** MCF/d Final open flow **N/A Gas Storage** Bbl/d
Time of open flow between initial and final tests **N/A Gas Storage** Hours
Static rock Pressure **N/A Gas Storage** psig (surface pressure) after **N/A Gas Storage** 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.

Signed:

John V. McCallister

By: John V. McCallister
Date: 3/12/04

POCA 0033

APR 8 9 2004

- 5/17/03 - Snubbed 2-3/8" tubing out of well
- 5/24/03 - Installed new API 3M wellhead.
- 6/11/03 - Stimulated Oriskany Sandstone using;
66 bbls 15% FE acid
51 bbls 10% FE acid
110 bbls H2O
All fluids foamed to 75 quality
428,000 scf N2
ATP - 1425 psig
ATR - 6.3 bpm

No earthen pit constructed.

All fluids hauled to L.A.D. in Wheeling, WV