STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL
(IF "GAS".) PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION 1099' WATER SHED FISH CREEK WEST VIRGINIA FORK
DISTRICT: LIBERTY  COUNTY: MARSHALL
QUADRANGLE: LITTLETON  S15' N15'
SURFACE OWNER: CONSOLIDATED GAS SUPPLY CORP.
OIL & GAS ROYALTY OWNER: ROGER G. BULGAR, JR ET AL
LEASE NO.: 3855532
PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR
STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW
FORMATION OTHER PHYSICAL CHANGE IN WELL SPECIFY

PLUG AND ABANDON CLEAN OUT AND REPLUG 70' E 2241' CHANGED
TARGET FORMATION: RIVER JET BLACK ESTIMATED DEPTH:
WELL OPERATOR: CONSOLIDATED GAS TRANS. CORP. DESIGNEES: richard l. eaton

+-----------------------+-----------------------+
|   39°45'00"   |   730'   |
|  LATITUDE:           |           |

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

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 MINES.

(SIGNED) NEIL E. LANCASTER 12/1/93
R.P.E.  L.L.S. #745

PLACE SEAL HERE

FILE NO.
DRAWING NO.
SCALE: 1" = 500'
MINIMUM DEGREE OF ACCURACY: 1/2500
PROVEN SOURCE OF ELEVATION: BM U-125 832.636'

DATE: NOV. 17 1993
OPERATOR'S WELL NO.: 1-3821
API WELL NO.: 47 05 00 332-7

COUNTY NAME
COUNTY PERMIT

FORM V-4 (8-78)
STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON

WELL LOCATION MAP
FILE NO. MARS-832-D

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

Well Operator's Report of Well Work

Farm name: WALLACE, STUART R. Operator Well No.: 3021

LOCATION: Elevation: 1,099.00 Quadrangle: LITTLETON
District: LIBERTY County: MARSHALL
Latitude: 4995 Feet South of 39 Deg. 45Min. 0 Sec.
Longitude 730 Feet West of 80 Deg. 35 Min. 0 Sec.

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

Agent: RICHARD L. COTY

Inspector: RANDAL MICK
Permit Issued: 08/17/94
Well work Commenced: 10/12/94
Well work Completed: 12/1/94

Casing & Tubing Used in Drilling Left in Well Cement Fill Up

Size

10½" OD 273' 273' 236
8½" OD 1425' 1425' 295
7" OD 2018' 2018' 266
4½" OD 2275' 2275' 158

Fresh water depths (ft) NOT RECORDED BY DRILLER.
Salt water depths (ft) NOT RECORDED BY DRILLER.

Is coal being mined in area (Y/N)? N
Coal Depths (ft): PCH. Coal 890'-898'

OPEN FLOW DATA

Producing formation BIG INJUN SAND Pay zone depth (ft) 2160-80
Gas: Initial open flow — MCF/d Oil: Initial open flow — Bbl/d
Final open flow — 410 MCF/d Final open flow — Bbl/d
Time of open flow between initial and final tests — Hours
Static rock Pressure — 680 psig (surface pressure) after 16 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: Ronald A. Schaff
Date: May 16, 1996
**State of West Virginia**
**Department of Mines**
**Oil and Gas Division**

**WELL RECORD**

| Company: The Manufacturers Light and Heat Company |
| Address: 800 Union Trust Building, Pgh. 19, Penna. |
| Farm: B. T. Rulon |
| Acres: 151 |
| Location (wells): |
| Well No.: 3021 |
| Elev.: 1100.54 |
| District: Liberty |
| County: Marshall |
| The surface of tract is owned in fee by: |
| Address: |
| Mineral rights are owned by: |
| Address: |
| Drilling commenced: August 29, 1958 |
| Drilling completed: October 18, 1958 |
| Date Shot: From: To: |
| With: |

<table>
<thead>
<tr>
<th>Open Flow</th>
<th>/10ths Water in.</th>
<th>Inch</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>/10ths Mercia in.</td>
<td>Inch</td>
</tr>
<tr>
<td>Volume:</td>
<td>lbs.</td>
<td>200 hrs.</td>
</tr>
<tr>
<td>Rock Pressure:</td>
<td>60</td>
<td>200 hrs.</td>
</tr>
<tr>
<td>Oil: bbls.</td>
<td>1st 24 hrs.</td>
<td></td>
</tr>
<tr>
<td>Fresh water:</td>
<td>feet</td>
<td></td>
</tr>
<tr>
<td>Salt water:</td>
<td>feet</td>
<td></td>
</tr>
</tbody>
</table>

**Casing and Tubing**

<table>
<thead>
<tr>
<th>Size</th>
<th>Used in Drilling</th>
<th>Left in Well</th>
<th>Packers</th>
</tr>
</thead>
<tbody>
<tr>
<td>16&quot;</td>
<td>40'</td>
<td>40'</td>
<td>Kind of Packer</td>
</tr>
<tr>
<td>12&quot;</td>
<td>273'</td>
<td>273'</td>
<td>Size of</td>
</tr>
<tr>
<td>8 1/4&quot;</td>
<td>2033'</td>
<td>2033'</td>
<td>Depth set</td>
</tr>
<tr>
<td>6 1/16&quot;</td>
<td>Perf. top.</td>
<td>Perf. bottom.</td>
<td></td>
</tr>
<tr>
<td>3&quot;</td>
<td>Perf. bottom.</td>
<td>Perf. bottom.</td>
<td></td>
</tr>
</tbody>
</table>

**Liners Used:**

- Perf. top.
- Perf. bottom.

**Casing Cemented:**

<table>
<thead>
<tr>
<th>Size</th>
<th>No. Ft.</th>
<th>Date</th>
</tr>
</thead>
</table>

**Coal Was Encountered at:**

<table>
<thead>
<tr>
<th>Feet</th>
<th>Inches</th>
</tr>
</thead>
</table>

**Formation**

<table>
<thead>
<tr>
<th>Schlumberger Survey</th>
<th>Color</th>
<th>Top</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pittsburgh Coal</td>
<td>4</td>
<td>888</td>
<td>1592</td>
</tr>
<tr>
<td>Upper Maron Sand</td>
<td>53</td>
<td>1828</td>
<td>1928</td>
</tr>
<tr>
<td>Lower Maron Sand</td>
<td>11</td>
<td>1980</td>
<td>2002</td>
</tr>
<tr>
<td>Big Lime</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Big Injun Sand</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Depth</td>
<td></td>
<td>2002</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>All pipe measured over threads.</td>
</tr>
<tr>
<td>Drilled well down in Injun Sand from 2152' to 2200'. Run 40' of 10' Pipe.</td>
</tr>
<tr>
<td>Used as a conductor. Sealed it in with 6 truck loads of Stone and 50 bags of cement. Run 273' of 10 5/8'' Casing.</td>
</tr>
<tr>
<td>SM. 1840. 32.75# on a steel shoe. Cemented with 100 bags at 15,4 Lbs. per gallon.</td>
</tr>
<tr>
<td>Good return of cement at surface. Run 372' of 8 5/8'' Casing, SM. J. 24# and connected it to 461' of original 8 5/8'' with a steel die nipple. Cemented with 250 bags at 14.8 Lbs. per gallon. Good return of cement at surface. Run 2033' of 7'' Casing, SM. J. 20# on a steel shoe and set at 3038'. Cemented with 225 bags at 14.3 Lbs. per gallon. Good return of cement at surface.</td>
</tr>
</tbody>
</table>

(Over)
STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

Well Operator: COLUMBIA GAS TRANSMISSION CORP. 10-450

Operator's Well Number: 3021
Well type: (a) Oil/ or Gas/ (b) If Gas: Production/ Underground Storage/ Deep/ Shallow/

EXISTING
Proposed Target Formation(s): BIG INJUN SAND

EXISTING
Proposed Total Depth: 2290 feet

7) Approximate fresh water strata depths: 200' (EST.)
8) Approximate salt water depths: 1080'
9) Approximate coal seam depths: 516'-519', 590'-593', 780'-785, 894'-902'
10) Does land contain coal seams tributary to active mine? Yes/ No/
11) Proposed Well Work: KILL WELL; CLEAN OUT WELL TO TOTAL DEPTH; INSTALL FLANGED 7"X4-1/2" API-2000 WELLHEAD; RUN NEW 4-1/2" CASING, PERFORATE AND FRACTURE BIG INJUN SAND.

CASING AND TUBING PROGRAM

<table>
<thead>
<tr>
<th>TYPE</th>
<th>SPECIFICATIONS</th>
<th>FOOTAGE INTERVALS</th>
<th>CEMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Size</td>
<td>Grade</td>
<td>Weight per ft.</td>
</tr>
<tr>
<td>Conductor</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fresh Water</td>
<td>10-3/4&quot;</td>
<td>H</td>
<td>32.75</td>
</tr>
<tr>
<td>Coal</td>
<td>8-5/8&quot;</td>
<td>J</td>
<td>24</td>
</tr>
<tr>
<td>Intermediate</td>
<td>7&quot;</td>
<td>J</td>
<td>20</td>
</tr>
<tr>
<td>Production</td>
<td>4-1/2&quot;</td>
<td>K</td>
<td>11.6</td>
</tr>
<tr>
<td>Tubing</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Liners</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

PACKERS: Kind NONE
Sizes
Depths set

For Office of Oil and Gas Use Only

Fee(s) paid: [ ] Well Work Permit [ ] Reclamation Fund [ ] WPCP
[ ] Plat [ ] WW-9 [ ] WW-2B [ ] Bond (Type) [ ] Agent
STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Owner(s) to be served:
   (a) Name STUART R. WALLACE
   Address 74 CHERRY LANE
            BASKING RIDGE, NJ 07920
   (b) Name NANCY SCHUMAN
       Address P.O. BOX 562
               CHAMA, NM 87520
   (c) Name ROGER G. RULONG, JR.
       Address 2341 WESTON DRIVE
                PITTSBURGH, PA 15241

5) (a) Coal Operator:
    Name ______________________
    Address ____________________
    (b) Coal Owner(s) with Declaration
        Name CONSOLIDATED COAL CO.
        Address 1800 WASHINGTON RD.
                 PITTSBURGH, PA 15241
        Name ______________________
        Address ____________________
    (c) Coal Lessee with Declaration
        Name ______________________
        Address ____________________

6) Inspector RANZL MICK
   Address 111 BLACKSHERE DRIVE
            MANNINGTON, WV 26582
   Telephone (304) 986-5680

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

I certify that the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22B 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 22B 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: ____________________________
   Its: ____________________________
   Address P.O. BOX 1273
           CHARLESTON, WV 25325-1273
   Telephone 304-357-3034

Subscribed and sworn before me this 14th day of July, 1994

Mary Marie Cleary
My commission expires 6/22/95

Notary Public
Surface Owner(s) to be served: (Continued)

(d) Roger G. Rulong, Sr.
    5917 Liberty Road
    Bethel Park, PA 15102

(e) CNG Transmission Corp.
    445 West Main St.
    Clarksburg, WV 26301