State of West Virginia
DEPARTMENT OF ENERGY
Oil and Gas Division

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil ___ Gas X / Liquid Injection / Waste Disposal /
(If "Gas," Production X / Underground Storage X / Deep___/ Shallow__/)

LOCATION: Elevation: 1205 Watershed Laurel Run
District: Liberty County Marshall Quadrangle Cameron SE

COMPANY Columbia Gas Transmission Corp.
ADDRESS P. O. Box 1273, Charleston, WV 25325
DESIGNATED AGENT R.C. Weidner
ADDRESS same
SURFACE OWNER Helen M. Howard et al.
ADDRESS 508 Chestnut Lane, Jeannette, PA 15644
MINERAL RIGHTS OWNER same
ADDRESS

OIL AND GAS INSPECTOR FOR THIS WORK
R. Mick
ADDRESS Manningtown, WV 26582

PERMIT ISSUED Assigned 1978
DRILLING COMMENCED Unknown
DRILLING COMPLETED 1-30-1896
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING, VERBAL PERMISSION OBTAINED ON

GEOLOGICAL TARGET FORMATION Gordon Stray Depth 2755 feet
Depth of completed well 2755 feet Rotary / Cable Tools X
Water strata depth: Fresh feet; Salt 1680 feet
Coal seam depths: 720
Is coal being mined in the area? No

OPEN FLOW DATA
Producing formation Gordon Stray Pay zone depth 2755 feet
Gas: Initial open flow 1320 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 NA psig(surface measurement) after hours shut in
(If applicable due to multiple completion--)
Second producing formation Pay zone depth feet
Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d
Final open flow Mcf/d Oil: Final open flow Bbl/d
Time of open flow between initial and final tests hours
Static rock pressure psig(surface measurement) after hours shut in
The well record doesn't indicate any perforations or stimulating ever occurring.

<table>
<thead>
<tr>
<th>FORMATION</th>
<th>COLOR</th>
<th>HARD OR SOFT</th>
<th>TOP FEET</th>
<th>BOTTOM FEET</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pittsburgh Coal</td>
<td></td>
<td></td>
<td>720</td>
<td></td>
</tr>
<tr>
<td>Dunkard Sand</td>
<td></td>
<td></td>
<td>1260</td>
<td></td>
</tr>
<tr>
<td>Lime</td>
<td></td>
<td></td>
<td>1355</td>
<td></td>
</tr>
<tr>
<td>Salt Sand</td>
<td></td>
<td></td>
<td>1680</td>
<td></td>
</tr>
<tr>
<td>Big Lime</td>
<td></td>
<td></td>
<td>1900</td>
<td></td>
</tr>
<tr>
<td>Big Injun</td>
<td></td>
<td></td>
<td>2025</td>
<td>2140</td>
</tr>
<tr>
<td>Slate</td>
<td></td>
<td></td>
<td>2490</td>
<td></td>
</tr>
<tr>
<td>Red Rock</td>
<td></td>
<td></td>
<td>2665</td>
<td></td>
</tr>
<tr>
<td>50' Sand</td>
<td></td>
<td></td>
<td>2705</td>
<td>2720</td>
</tr>
<tr>
<td>Gordon Stray</td>
<td></td>
<td></td>
<td>2755</td>
<td></td>
</tr>
</tbody>
</table>

**REMARKS** Including indication of all fresh and salt water, coal, oil and gas

(Attach separate sheets as necessary)

Columbia Gas Transmission Corporation  
Well Operator  
By: Robert C. Weidner  
Date: 04/29/93

Note: Regulation 2.02(i) provides as follows:  
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."
Howard Number: 985

This well was shutout from 1988 to 1992.

No production.

API number: 47-051-00611
STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
SECTION OF OIL AND GAS

WELL WORK PERMIT

This permit, issued to COLUMBIA GAS TRANSMISSION CORP., is evidence of permission granted to perform the specified well work at the location described on the attached plat, subject to the provisions of Chapters 22 and 22B of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to all conditions and provisions outlined in the pages attached hereto. Notification shall be given to the Oil and Gas Inspector RANDAL MICK at 304-986-3324 prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be reported to 1-800-654-3312.

Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and in addition may result in civil and/or criminal penalties.

Well work to be conducted under this permit shall be commenced within two (2) years from date of issue.

Theodore M. Streit
Chief

By: [Signature]

Title: [Title]

Operator’s Well No: L.L. HOWARD 985
Farm Name: COURTRIGHT, NANCY SUE
API Well Number: 47-51-00611 T
Date Issued: 09/01/93
Expires two (2) years from issue date.