New Location
Drill Deeper
Abandonment  X No. 889

Company Carnegie Natural Gas Co
Address Pittsburgh, PA
Farm T.C. Pipes
Tract Acres 139 Lease No. 3802.40
Well Farm No. 4 Serial No. 389
Elevation 'Spirit Level' 380'
Quadrangle Cameron S.E. '14
County Marshall, District Liberty
Engineer G.I. Mitchie
Engineer's Registration No.
File No. Drawing No.
Date P.1627 Scale 1"=400'

STATE OF WEST VIRGINIA
UP AND GAS DIVISION
CHARLESTON
WELL LOCATION MAP
FILE NO. MARS-254-A
NO. 757
+ Denotes location of well on United States Geodetic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown
- Denotes one inch south 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: DOBBS, GARY R. & JAN C. Operator Well No.: L-4399

LOCATION: Elevation: 1,162.00 Quadrangle: CAMERON

District: LIBERTY
County: MARSHALL
Latitude: 3810 Feet South of 39 Deg. 47Min. 30 Sec.
Longitude: 4980 Feet West of 80 Deg. 35 Min. Sec.

Company: COLUMBIA GAS TRANSMISSION
1700 MacCORKLE AVENUE S.E.
CHARLESTON, WV 25314-0000

Agent: ROBERT C. WEIDNER

Inspector: RANDAL MICK
Permit Issued: 08/17/93
Well work Commenced: 9/30/93
Well work Completed: 3/24/94

Verbal Plugging
Permission granted on: 

Rotary X Cable Rig
Total Depth (feet) 2171
Fresh water depths (ft) 
Salt water depths (ft) 

Not recorded by driller.
Is coal being mined in area (Y/N)? NO
Coal Depths (ft): PITTSBURGH 837-847

OPEN FLOW DATA

Producing formation BIG INJUN SAND Pay zone depth (ft) 2055
Gas: Initial open flow 1380 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

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELLLOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: COLUMBIA GAS TRANSMISSION CORP.

By: Ronald A. Scheff
Date: August 5, 1994
10/4/93  Cleaned out to plugged back total depth at 2210' G.L.
10/6/93  Ran 2202' G.L. of 4 1/2" O.D. K-55, 11 1/2" I.D. casing and Halliburton cemented in place with 110 lbs.
10/7/93  Installed a new 7" x 4 1/2", API 2000, ERC flanged wellhead with 2-4 1/2", API 2000, Foster gate valves.
3/21/94  Hitwell Surveys, Inc. perforated the 4 1/2" O.D. casing from 2055' to 2081' at 6 shots/foot.
3/23/94  Halliburton fractured the Big Injun sand with 500 gals.
of 15% HCl, 498 bbl of gelled water, 5,000# of 80/100 sand and 22,000# of 20/40 sand.

Formation Depths (from service company logs run by Schlumberger on 10/4/93):

<table>
<thead>
<tr>
<th>Formation</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pittsburgh Coal</td>
<td>837'</td>
<td>849'</td>
</tr>
<tr>
<td>Big Dunkard Sand</td>
<td>1350'</td>
<td>1392'</td>
</tr>
<tr>
<td>Maxton Sand</td>
<td>1860'</td>
<td>1888'</td>
</tr>
<tr>
<td>Lower Maxton Sand</td>
<td>1925'</td>
<td>1939'</td>
</tr>
<tr>
<td>Big Lime</td>
<td>1939'</td>
<td>1961'</td>
</tr>
<tr>
<td>Big Injun Sand</td>
<td>1961'</td>
<td></td>
</tr>
<tr>
<td>Total Depth</td>
<td></td>
<td>2171'</td>
</tr>
</tbody>
</table>
Well Record

WELL TO BE ABANDONED

<table>
<thead>
<tr>
<th>Casing and Used in</th>
<th>Left in</th>
<th>Packers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td></td>
<td></td>
</tr>
<tr>
<td>16.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>18.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10.</td>
<td>238</td>
<td>None</td>
</tr>
<tr>
<td>8½</td>
<td>1270</td>
<td>1270</td>
</tr>
<tr>
<td>6%</td>
<td>1973</td>
<td>1973</td>
</tr>
<tr>
<td>5 3/16</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>12/06</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Flow /10ths Water in</td>
<td>Inch</td>
<td></td>
</tr>
<tr>
<td>16/10ths</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Volume</td>
<td>Cu. Ft.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rock Pressure</td>
<td>lbs</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oil</td>
<td>bbls, 1st 24 hrs.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fresh water</td>
<td>feet</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Salt water</td>
<td>feet</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Casing cemented

No. Ft.  Date

COAL WAS ENCOUNTERED AT 750 FEET INCHES

650 FEET INCHES FEET INCHES

Formations  Color  Hard or  Soft  Top  Bottom  Oil, Gas  or Water  Depth Found  Remarks

Mapleton Coal  750  755
Pittsburgh Coal  850  855
Little Dunkard  1260  1275
Big Dunkard  1320  1440
Gas Sand  1520  1540
2nd Gas Sand  1550  1575
1st Salt Sand  1840  1880
Wetman Sand  1887  1997
Big Lime  1957  2270
Big Calum  1995  2776
50-Foot sand  2623  2677
30-Foot Sand  2775  2795

TOTAL DEPTH  2800

OWNERS of MINERAL RIGHTS:

Berta D. Pipes, 715 - 30th Ave., St. Petersburg, 4, Fla.
Lutie Hicks, 929 Main St., Wheeling, W. Va.
Ada Thiel, 105 S. 3rd St., Martins Ferry, Ohio
Anna Herberg Julian, 361 Edwards St., Hyde Park, Cincinnati, Ohio
Peoples-Pittsburgh Trust Co., Agent
for John Thiel Heirs, Pittsburgh, Pa.
<table>
<thead>
<tr>
<th>Formation</th>
<th>Color</th>
<th>Hard or Soft</th>
<th>Top</th>
<th>Bottom</th>
<th>Oil, Gas or Water</th>
<th>Depth Found</th>
<th>Remarks</th>
</tr>
</thead>
</table>

Date: AUGUST 21, 1946

APPROVED: CARNEGIE NATURAL GAS COMPANY, Owner

By: [Signature]

(Title) Land Agent.
### WELL RECORD

<table>
<thead>
<tr>
<th>Casing and Tubing</th>
<th>Used in Drilling</th>
<th>Left in Well</th>
<th>Packers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>16</td>
<td>12</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td></td>
<td>8.4</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>6%</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>53/16</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Liners Used
- Perf. top
- Perf. bottom
- Perf. top
- Perf. bottom

#### Open Flow

<table>
<thead>
<tr>
<th>Flow (10ths Water)</th>
<th>Incl.</th>
<th>Flow (10ths Merc)</th>
<th>Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>622 MCF</td>
<td></td>
<td>136</td>
<td></td>
</tr>
</tbody>
</table>

#### Volume
- Cu. Ft.
- Bbls., 1st 12 hrs.
- Br. water
- Salt water

#### Rock Pressure
- 550 psi

#### Oil
- 28°

### Formation

<table>
<thead>
<tr>
<th>Formation</th>
<th>Color</th>
<th>Top</th>
<th>Bottom</th>
<th>Oil, Gas or Water</th>
<th>Depth Found</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pittsburgh Coal</td>
<td></td>
<td>850</td>
<td>855</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Little Dawk</td>
<td></td>
<td>1260</td>
<td>1275</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Big Dunkard</td>
<td></td>
<td>1320</td>
<td>1450</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gas Sand</td>
<td></td>
<td>1380</td>
<td>1400</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1st Salt</td>
<td></td>
<td>1387</td>
<td>1880</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maxton</td>
<td></td>
<td>1957</td>
<td>1995</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Big Lime</td>
<td></td>
<td>1995</td>
<td>2270</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Big Injunct</td>
<td></td>
<td>1995</td>
<td>2270</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thirty-Foot</td>
<td></td>
<td>2775</td>
<td>2795</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gorden</td>
<td></td>
<td>2848</td>
<td>2878</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fourth</td>
<td></td>
<td>2908</td>
<td>3918</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fifth</td>
<td></td>
<td>3000</td>
<td>3009</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Note:**
- Gas 2970-2975
- 2912 Bly Out
- Gas 3005 Show

**Other Details:**
- Drilling commenced: November 29, 1919
- Drilling completed: January 8, 1921
- Drilled Water
- Perf. top
- Perf. bottom
- Perf. top
- Perf. bottom

**COAL WAS ENCOUNTERED AT:**

<table>
<thead>
<tr>
<th>FEET</th>
<th>INCHES</th>
</tr>
</thead>
</table>

**RECEIVED:**
- Feb 1920
- West Virginia Dept. of Mines
FORM WW-2B

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

1) Well Operator: Columbia Gas Transmission Corp. 10450
2) Operator's Well Number: L-4399
3) Elevation: 1162
4) Well type: (a) Oil / or Gas /
   (b) If Gas: Production / Underground Storage /
                  Deep / Shallow /
5) Proposed Target Formation(s): Big Injun Sand
6) Proposed Total Depth: 2210 feet
7) Approximate fresh water strata depths: 180'
8) Approximate salt water depths: 1200'
9) Approximate coal seam depths: 750-755', 830-835'
10) Does land contain coal seams tributary to active mine? Yes / No /
11) Proposed Well Work: Kill the well; clean out to 2210', run and cement 4-1/2'' casing through Big Injun Sand, perforate and fracture.
12) 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''</td>
<td>H</td>
<td>32.75</td>
</tr>
<tr>
<td>Coal</td>
<td>8-5/8''</td>
<td>J</td>
<td>24</td>
</tr>
<tr>
<td>Intermediate</td>
<td>7''</td>
<td>J</td>
<td>20</td>
</tr>
<tr>
<td>Production</td>
<td>4-1/2''</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 Division of Oil and Gas Use Only

Fee(s) paid: $7,200.00
Well Work Permit Reclamation Fund
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: Gary R. & Jan Carol Dobbs
   Address: 16 Maple Avenue
             Cameron, WV 26033

   (b) Name
   Address

   (c) Name
   Address

5) (a) Coal Operator:
   Name
   Address

   (b) Coal Owner(s) with Declaration
   Name: Consolidation Coal Co.
   Address: 1800 Washington Road
             Pittsburgh, PA 15241

   (c) Coal Lessee with Declaration
   Name
   Address

6) Inspector: Randal Mick
   Address: 111 Blackshear Dr.
             Mannington, WV 26582
   Telephone: 304-986-3324

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 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: DIRECTOR, DRILLING & MAINTENANCE
   Address: P. O. Box 1273
             Charleston, WV 25325-1273
   Telephone: 304-357-2459

Subscribed and sworn before me this 4th day of June, 1993

Mary Parsons
Notary Public

My commission expires ____________

(Official Seal)
STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPlicate. ONE COPY MAILED TO THE DEPARTMENT, ONE COPY TO BE RETAINED BY THE
WELL OPERATOR AND THE THIRD COPY (APART FROM DUPLICATE) SHOULD BE MAILED TO EACH COAL OPERATOR AT THEIR RESPECTIVE
ADDRESSES.

M. A. Hanna Coal Company
1300 Lehigh Ave.
Cleveland, Ohio

The Manufacturers Light and Heat Company
800 Union Trust Building
Pittsburgh 30, Pennsylvania

June 3, 1960

Well No. 1299 (C-889)

T. C. Pipes

STATE INSPECTOR SUPERVISING PLUGGING: Oscar Butcher, Hundred, West Virginia

STATE OF WEST VIRGINIA,

County of Marshall

Chas. A. Hart and Arthur Leo Johnson

being first duly sworn according to law depose and say that they are experienced in the work of
plugging and filling oil and gas wells and were employed by Belt Drilling Company, Inc.,
well operator, and participated in the work of plugging and filling the above well, that said work
was commenced on the 13th day of May, 1960, and that the well was plugged and filled in the following manner:

<table>
<thead>
<tr>
<th>BAND OR ZONE RECORD</th>
<th>FILLING MATERIAL</th>
<th>PLUGS USED</th>
<th>CASING</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2800 to 2310
Aquagel

2310 to 2210
Cement

Note: 10 bags of Aquagel was run through
1600L of new 7th casing from 2800' to
2210'. Upon completion of well, 135
bags of cement were run from 2210' to
2210' by use of a cement bailer.

COAL SEAMS

Pittsburgh Coal 830 to 84

DESCRIPTION OF MONUMENT

Partial Plugging

and that the work of plugging and filling said well was completed on the 13th day of
May, 1960.

And further deponents say:

My commission expires
4-18-70

Sung: 6-3-60

Notary Public

Permit No. M38-115-FP

Sung: 6-3-60

Permit No. M38-115-FP

Sung: 6-3-60

Permit No. M38-115-FP

Sung: 6-3-60

Permit No. M38-115-FP

Sung: 6-3-60

Permit No. M38-115-FP

Sung: 6-3-60

Permit No. M38-115-FP

Sung: 6-3-60

Permit No. M38-115-FP

Sung: 6-3-60

Permit No. M38-115-FP

Sung: 6-3-60

Permit No. M38-115-FP

Sung: 6-3-60

Permit No. M38-115-FP

Sung: 6-3-60

Permit No. M38-115-FP

Sung: 6-3-60

Permit No. M38-115-FP

Sung: 6-3-60

Permit No. M38-115-FP

Sung: 6-3-60

Permit No. M38-115-FP

Sung: 6-3-60

Permit No. M38-115-FP

Sung: 6-3-60

Permit No. M38-115-FP

Sung: 6-3-60

Permit No. M38-115-FP

Sung: 6-3-60

Permit No. M38-115-FP

Sung: 6-3-60

Permit No. M38-115-FP

Sung: 6-3-60

Permit No. M38-115-FP

Sung: 6-3-60

Permit No. M38-115-FP

Sung: 6-3-60

Permit No. M38-115-FP

Sung: 6-3-60

Permit No. M38-115-FP

Sung: 6-3-60

Permit No. M38-115-FP

Sung: 6-3-60

Permit No. M38-115-FP

Sung: 6-3-60

Permit No. M38-115-FP

Sung: 6-3-60

Permit No. M38-115-FP

Sung: 6-3-60

Permit No. M38-115-FP

Sung: 6-3-60

Permit No. M38-115-FP

Sung: 6-3-60

Permit No. M38-115-FP

Sung: 6-3-60

Permit No. M38-115-FP

Sung: 6-3-60

Permit No. M38-115-FP

Sung: 6-3-60

Permit No. M38-115-FP

Sung: 6-3-60

Permit No. M38-115-FP

Sung: 6-3-60

Permit No. M38-115-FP

Sung: 6-3-60

Permit No. M38-115-FP

Sung: 6-3-60

Permit No. M38-115-FP

Sung: 6-3-60