INSTRUCTIONS

1) Attach a photo copy of the location of the well on a 7.5 minute Quadrangle with the corresponding Longitude and Latitude.
2) Designate the location of the well with the symbol (+).

SIGNED

TITLE

DATE JULY 2, 1993
OPERATORS WELL NO. 061-746-N
API WELL NO. 061-746-N

W.A. OWLER WELL #8
DRILLED 1989

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION

WELL TYPE: OIL [ ] GAS [ ] LIQUID INJECTION [ ] WASTE DISPOSAL [ ]
If "gas" production, storage [ ] deep [ ] shallow [ ]

LOCATION: ELEVATION 1420-feet
DISTRICT Liberty [ ] COUNTY Marshall [ ]
QUADRANGLE Cameron [ ] 15° 15' 15' SE

SURFACE OWNER Harmon Brown [ ] ACREAGE [ ]
IL & GAS ROYALTY OWNER Randall Lee OWLER LEASE ACREAGE 116 [ ]
LEASE NO. [ ]

PRODUCING FORMATION Fourth Sand [ ] TOTAL DEPTH 3288'
WELL OPERATOR Cameron Gas Co. DESIGNATED AGENT E.R. Coleman
ADDRESS 8 MOA LINE AVE ADDRESS [ ]
Cameron, W.V. 26033 [ ] 624 [ ]

INSTRUCTIONS

Received
1/1 Division of Environmental Protection
0 9 93
Permitting
ws of Oil & Gas

SEE ATTACHED PHOTO COPY

183 S

43D N

the undersigned, hereby certify that
his plat is correct to the best of my
knowledge and belief.

SIGNED

TITLE

W.A. OWLER WELL #8
DRILLED 1989

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION

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WELL OPERATOR Cameron Gas Co. DESIGNATED AGENT E.R. Coleman
ADDRESS 8 MOA LINE AVE ADDRESS [ ]
Cameron, W.V. 26033 [ ] 624 [ ]
Waynesburg Coal 780
Mapletown Coal 964- 967
Pittsburgh Coal 1076- 1076 steel line
Murphy Sand 1129-1175
Little Dunkard 1480-1510
Big Dunkard 1522-1560
Gas Sand 1750-1755
1st Salt Sand 1840-1950
End Salt Sand 2115-2167 little gas
Maxim Sand 2177-2210
1st Gas Sand 2210
End Gas Sand 2215
2nd Gas Sand 2237
Big Line 2210
Total Depth 2213

10 inch casing 279 feet
8 inch casing top of Little Dunkard 1480
3 inch tubing set on Anchor packer left hand thread and packer at 2187

Resumed drilling June 1929 using own tools

6-5/8 20 lb casing on Big Line 2114 feet
Screw down packer set at 2185

Big Injun 2232 (3492)
Fifty Foot 2265 steel line
Gas at 5027-5055
Gordon Stray 5039
Bottom 5079
Gordon 5087
Bottom 5120
Fourth Sand 5146
Gas at 3158-3161
Bottom of Fourth Sand 3116
Total Depth 3288

2213 DD ftg
<table>
<thead>
<tr>
<th>Sand</th>
<th>Top</th>
<th>Bottom</th>
<th>Thickness</th>
<th>Elev - tion</th>
<th>Intervals from</th>
<th>Production</th>
<th>Gas</th>
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<td>1175</td>
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<td>349</td>
<td>69</td>
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<td>Murphy</td>
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<tr>
<td>Moundsville</td>
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<td>30</td>
<td>+8</td>
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<td>1 C. R. Litt. Dunk.</td>
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<td>1795</td>
<td>15</td>
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<tr>
<td>Big Dunkard</td>
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<td>1950</td>
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<tr>
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<td>Gas</td>
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<tr>
<td>2nd Cow Run</td>
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<td>1st Salt</td>
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<tr>
<td>2nd Salt</td>
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</table>

**Notes:**
- Little gas
- 1 ½' gas, 3027.96 M
- 2 ½' gas, 3158-61.3 M
- 675 M to 116 M
W. A. DOWLER NO. 2 WELL.

District, Marshall County, W. Va.
By Cameron Hart & Light Co. (WV-17).
Bush & Bush, Contractors.

Started latter part of May, 1928; completed, June 26, 1928; (to 2212')
Resumed drilling June, 1929, using our own tools; deepened to 3288'.
10" casing, 279' pulled; 84" casing (top of Little Dunkard), 1480';
3" tubing set on Anchor packer with L. H. Thread—Packer at 2101';
2-20' casing on Big Line, at 2214', with Screw-down packer
set at 2185'; 3" tubing, 3288'; anchor packer at 2970'; anchor
below packer, 318'.

675 M. gas in Marten; 8-24-29 = 116 M.; 50-Ft. gas, 14/10ths, 96 M.;
4th Sand gas, 29/10ths, 132 M.

Elevation ...................... 1488

Record from Mr. Strauss 9-11-39.

Waynesburg Coal
Mapletown (Sewickley) Coal
Pittsburgh Coal (SIM)
Murphy Sand
Little Dunkard Sand
Big Dunkard Sand
Gas Sand
1st Salt Sand
2nd Salt Sand (a little gas)
Marten Sand

(1st gas, 2190'; 2nd gas, 2198';
3rd gas, 2207'. Marten; 675 M.
8-24-29 = 116 M.)

Big Line
Total depth
2210 - ....
2212

DEEPENED:
Big Injun Sand
50-Ft. Sand (gas, 14/10ths, 96 M.,)(SIM) (gas at 3027')
Gordon Stray Sand
Gordon Sand

Fourth Sand (gas, 29/10ths; 132 M.)
(gas at 3158-61')
3156 - 3166

Total depth
3285

Note (on back of W. A. Dowler No. 3 record):
3" tubing in well, 3288'.
Anchor packer set at 2970 ft. C. W. Taylor record.
Anchor below packer, 318 ft.
Pick-up: 70# in 5 min.; 110# in 10 min.; 175# in 20 min.
70# in 5-15-20-25-30-35-40
<table>
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<tr>
<th>Depth (feet)</th>
<th>Time (minutes)</th>
<th>Pumping Rate (gpm)</th>
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<td>70 ft</td>
<td>5</td>
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<tr>
<td>110 ft</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>175 ft</td>
<td>20</td>
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<tr>
<td>70° in 5.15, 24.35, 20.35, 35.35</td>
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</tr>
</tbody>
</table>
STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
SECTION OF OIL AND GAS
WELL REGISTER ASSIGNMENT

This API Number 47- 51-00746, issued to CAMERON GAS COMPANY is evidence of permission to operate the well that is referenced 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. The name and telephone number of the Oil and Gas Inspector for this well is RANDAL MICK — 304-986-3324.

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 your permits and in addition may result in civil and/or criminal penalties.

The enclosed WR-35 must be completed by you and returned to this office. In addition annual production reports must be submitted on this well and failure to do so may require you to plug the well.

Theodore M. Streit
Chief

By: [Signature]

Title: [Signature]

Operator's Well No: W.A. DOWLER #2
Farm Name: BROWN, HARMAN
API Well Number: 47- 51-00746 N
Date Issued: 07/09/93