State of West Virginia
Department of Mines
Oil and Gas Division
Charleston

Well Location Map
File No. 051-0680

+ 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.

JAN 2, 1981

Curtis A. Lucas

Minimum Error of Closure 1 in 200
Source of Elevation USGS BM M-125 (1957), Elev 1385'
Company: Pennzoil Company
Address: P. O. Box 1588, Parkersburg, WV
Farm: W. D. Morris
Acres: 216.25
Location (waters): Laurel Run
Well No.: 131 Elev 1628.19
District: Liberty
County: Marshall
The surface of tract is owned in fee by Dewitt Morris
Address: Rt. 4, Box 81, Cameron, WV 26913
Mineral rights are owned by Same as above
Address: 
Drilling Commenced: 1-10-81
Drilling Completed: 1-15-81
Initial open flow: Cu. ft. bbls.
Final production: N/A cu. ft. per day bbls.
Well open: hrs. before test RP.
Well treatment details: P & A 1-18-81

<table>
<thead>
<tr>
<th>Casing and 2610x Tubing</th>
<th>Used in Drilling</th>
<th>Left in Well</th>
<th>Cement fill up Cu. ft. (Skts.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>20-16</td>
<td>13.10&quot;</td>
<td>100 sks</td>
</tr>
<tr>
<td>Cond.</td>
<td>9 5/8</td>
<td>8 5/8</td>
<td>225 sks</td>
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<tr>
<td></td>
<td>7</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5 1/2</td>
<td>4 1/2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Liners Used</td>
<td>Attach copy of cementing record.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Coal was encountered at
Feet Inches
Fresh water Feet Salt Water Feet
Producing Sand Depth

<table>
<thead>
<tr>
<th>Formation</th>
<th>Color</th>
<th>Hard or Soft</th>
<th>Top Feet</th>
<th>Bottom Feet</th>
<th>Oil, Gas or Water</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sand &amp; Silt</td>
<td></td>
<td></td>
<td>0</td>
<td>352</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale &amp; Silt</td>
<td></td>
<td></td>
<td>352</td>
<td>400</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand &amp; Silt</td>
<td></td>
<td></td>
<td>400</td>
<td>490</td>
<td></td>
<td></td>
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<tr>
<td>Shale &amp; Silt</td>
<td></td>
<td></td>
<td>490</td>
<td>600</td>
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<td></td>
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<tr>
<td>Sand &amp; Silt</td>
<td></td>
<td></td>
<td>600</td>
<td>700</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale</td>
<td></td>
<td></td>
<td>700</td>
<td>820</td>
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</tr>
<tr>
<td>Sand</td>
<td></td>
<td></td>
<td>820</td>
<td>896</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand &amp; Shale</td>
<td></td>
<td></td>
<td>896</td>
<td>1134</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Coal</td>
<td></td>
<td></td>
<td>1134</td>
<td>1166</td>
<td></td>
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<td>Sand, Silt, Shale</td>
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</tr>
<tr>
<td>Shale &amp; Sand</td>
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<td></td>
<td>1528</td>
<td>2206</td>
<td></td>
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</tr>
<tr>
<td>Lime</td>
<td></td>
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<td>2206</td>
<td>2310</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand, Silt</td>
<td></td>
<td></td>
<td>2310</td>
<td>2530</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale, Silt, Sand</td>
<td></td>
<td></td>
<td>2530</td>
<td>3880</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Total Depth: SPEECHLEY 3880

RECEIVED
MAY 4, 1981
OIL & GAS DIVISION
DEPT. OF MINES

JUN 4, 1981
TO THE DEPARTMENT OF MINES,
Claytonson, W. Va.

Surface Owner: Dewitt Morris
Address: Rt. 4, Box 81, Cameron, WV 26033

Mineral Owner: Same as Above
Address: ________________________________

Coal Owner: ________________________________
Address: ________________________________

Coal Operator: Consolidation Coal Company
Address: P. O. Box 537, Moundsville, WV 26041

THIS PERMIT MUST BE POSTED AT THE WELL SITE

DATE: November 20, 1980
Company: Pennzoil Company
Address: P. O. Box 1588, Parkersburg, WV
Farm: W. D. Morris
Number of Acres: 214.2
Location (water): Laurel Run
Well No.: 3
Elevation: 1424
District: Liberty
County: Marshall
Quadangle: Glen Easton 7.5'

INSPECTOR
TO BE NOTIFIED: Phillip Lee Tracy
ADDRESS: Rt. 23, Alma, WV 26320
PHONE: 758-4573

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having title thereto, (or as the case may be) under grant or lease dated __________ by Dewitt Mor & Samantha G. Morris, et al. made to McCombs, Conrad and Barrett and recorded on the __________ day of __________ in __________ County, Book __________ Page __________

19. __________ NEW WELL __________ DRILL DEEPER __________ REDRILL __________ FRACTURE OR STIMULATE __________

OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified of the above date.

The above named coal owners and/or operators are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days.

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal owner or coal owners at their above shown respective address __________ day __________ before, or on same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,

PENNZOIL COMPANY
(Sign Name) Curtis A. Luca
Civil Eng. Dep.

P. O. Box 1588
Parkersburg, WV 26101

PLEASE SUBMIT COPIES OF ALL GEOLOGICAL LOGS DIRECTLY TO:

WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY
P. O. Box 373
MORGANTOWN, WEST VIRGINIA 26505

AC-301 - 292-0331

*SECTION 3. If no objections are filed or found by the Department of Mines, within said period of ten days from the date of mailing or delivery of the notice and plat to the Department of Mines, to said proposed location, the Department shall forthwith issue to the well operator a permit to the hole of such plat. If no objections have been made by the coal operators as found therein, by the Department, and that the same is satisfactory, and the well operator is authorized to proceed.
THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON CO-10 UPON COMPLETION

REVIEWER WORK ORDER IN X DRILL ORDER NUMBER
REVIEWER WORK ORDER IN X DRILL ORDER NUMBER
NAME
ADDRESS
TELEPHONE
ESTIMATED DEPTH OF COMPLETED WELL
PRONOUNCED GEOLOGICAL FORMATION
TYPE OF WELL

GAS
COMB
STORMZ
DISPOSAL
RECYCLING
WATER FLOOD
OTHER

TENTATIVE CASING PROGRAM

<table>
<thead>
<tr>
<th>CASING AND PUMPS SIZE</th>
<th>UD FOR DRILLING</th>
<th>LIFT IN WELL</th>
<th>CEMENT UP OR SACKS, BOLTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>20.14</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>13.18</td>
<td>13-5/8&quot;</td>
<td>40'</td>
<td>40' Cement to Surface</td>
</tr>
<tr>
<td>3.5</td>
<td></td>
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</tr>
<tr>
<td>3.25</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>1250'</td>
<td>1250' 300 sks.</td>
</tr>
<tr>
<td>4</td>
<td></td>
<td>3800'</td>
<td>3800' 240 sks.</td>
</tr>
<tr>
<td>3</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>1</td>
<td>P-9, P-8</td>
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<td></td>
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<tr>
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<td>P-9, P-8</td>
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</tr>
<tr>
<td>1</td>
<td>P-9, P-8</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

APPROXIMATE FRESH WATER DEPTHS FEET SALT WATER FEET.

APPROXIMATE COAL DEPTHS

IS COAL BEING MINED IN THE AREA BY WHOM

TO DRILL:
SUBMIT FIVE (5) COPIES OF OG-1, $100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT PLAT.

TO DRILL DEEPER OR REDRILL:
SUBMIT FIVE (5) COPIES OF OG-1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND.
WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:
OIL AND OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG-1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.
OIL AND OR GAS WELL ORIGINALLY DRILLED ON OR AFTER JUNE 5, 1929, FIVE COPIES OG-1, ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified to four (21) hours in advance.

The following narrative must be completed by the coal operator if the permit is to be issued within ten days of receipt.

WALSH: I, the undersigned, Agent for Coal Company, Owner or Operator of the coal this lease have examined and place on our mine maps this proposed well location.

We the Coal Company have no objections to said well being drilled at this location, the operator has complied with all rules and regulations in Articles 1, 5, and 7, Chapter 22 of the West V Code.

For Coal Company

Unreadable