Permit No. DOD-189-D

Company: P & M Oil Company
Address: West Union, W. Va.

Farm: Marvel Haught
Acres: 62

Location (watern): South West

Well No.: 1
Elev.: 842

The surface of tract is owned in fee by Marvel Haught.

Mineral rights are owned by: Same

Drilling commenced: June 22, 1956
Drilling completed: July 17, 1956

Date Shot: From: To:

With:

Open Flow: 5910 gph / 10ths Merc. in.

5910 gph / 10ths Merc. in.

1.67 gph / 10ths Merc. in.

1.67 gph / 10ths Merc. in.

Volume: 5910 gph

Oil: 5910 gph

Rock Pressure: 350 lbs.

1 hrs.

Coal was encountered at: none

Feet: 0

Inches: 0

Feet: 0

Inches: 0

Drilling deeper began: at 820

L. DeKordar: 760
Sand: 840
Sand: 935
Lime: 1231
Sand: 1255
Lime: 1535
Slate: 1540
Lime & Sand: 1555
Lime: 1590
Slate: 1598
Lime: 1600
Sand: 1668
Gas: 1670
Gas: 1701

Total Depth: 1759

Bottom: 820
Oil, Gas or Water: 820
Depth Found: 820

Remarks: Drilling deeper began at 820

(Over)
WELL RECORD

Company: P. & M. Oil Company
Address: West Union, W. Va.

Farm: Marvel Haught
Location (waters): Union of Kid, Fr. Hughes
Well No.: 1
District: Doddridge
The surface of tract is owned in fee by: Haught
Mineral rights are owned by: Haught

Drilling commenced: Clean out began May 11, 1954
Drilling completed: May 20, 1954
Date Shot: From To
With:
Open Flow: /10ths Water in. Inch /10ths Merc. in. Inch

Volume: Cu. Ft.
Rock Pressure: lbs. hrs.
Oil: bbls., 1st 24 hrs.
Fresh water: feet Salt water: feet

<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>
<tbody>
<tr>
<td>Began drilling at 795 in Little Dunkard sand</td>
<td></td>
<td></td>
<td></td>
<td>760</td>
<td>820</td>
<td>820</td>
<td>The production of oil was increased to 3 barrels of oil per day so drilling was stopped.</td>
</tr>
<tr>
<td>Little dunkard</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total depth</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Casing and Tubing
Used in Drilling
Left in Well
Packers

<table>
<thead>
<tr>
<th>Size</th>
<th>Kind of Packer</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td></td>
</tr>
<tr>
<td>5/8</td>
<td></td>
</tr>
</tbody>
</table>

Depth set.
Perf. top.
Perf. bottom.
Perf. top.
Perf. bottom.

CASING CEMENTED
SIZE
No. Ft.
Date

COAL WAS ENCOUNTERED AT
FEET
INCHES

FEET
INCHES

FEET
INCHES

(Over)
## Permit No. Ded 189
### Holbrook Quad.
#### Company
- P & M Oil Co.
#### Address
- West Union, W.Va.
#### Location
- Marvel Haught A 60
- Jim Run
- Elev. 842
- So. West Doddridge County
- Haught
- Same
#### Completed
- Dec. 23, 1940
- Jan. 10, 1949
- 10 bbls, last 24 hrs.

<table>
<thead>
<tr>
<th>Slate &amp; Shells</th>
<th>Oil</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>515</td>
</tr>
<tr>
<td>315</td>
<td>520</td>
</tr>
<tr>
<td>370</td>
<td>595</td>
</tr>
<tr>
<td>595</td>
<td>615</td>
</tr>
<tr>
<td>615</td>
<td>720</td>
</tr>
<tr>
<td>720</td>
<td>760</td>
</tr>
<tr>
<td>760</td>
<td></td>
</tr>
</tbody>
</table>

Oil 785-795

### Casing & Tubing
- 10 24 0
- 8 221 0
- 6 5/8 705 705

No coal