Minimum Error of Closure 1 in 200

Source of Elevation L. C. Smith Well No. 1 752' F

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 8 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Company: Set Oil Co.
Address: 700 East St., St. Paul, West Union

Farm: Milton Underwood
Tract: Acres 92.5
Well (Farm) No.: One
Serial No.: 0
Elevation (Spirit Level): 837
Quadrangle: Centerpoint
County: Doddridge
District: McClanahan
Engineer: Haddox
Engineer's Registration No.: 1227
File No.: 47-0-717-2393

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

WELL LOCATION MAP

FILE NO: 47-0-717-2393

+ 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 lines of original tracing.

Signed: [Signature]
## WELL RECORD

**Company:** SET OIL COMPANY  
**Address:** 900 S. 5TH ST.,  
**Farm:** MARY UNDERWOOD  
**Location (wouri):**  
**Well No.:** ONE  
**District:** MCHALEN  
**West Virginia Address:**  
**Permit No.:**  
**Mineral Rights Owned by:**  
**Drilling commenced:**  
**Drilling completed:**  
**Date Shot:**  
**With:**  
**Open Flow:**  
**Volume:**  
**Pressure:**  
**Oil:**  
**WELL ACIDIZED (DETAILS):**  
**WELL FRACUTRED (DETAILS):**  

### Casing and Tubing

<table>
<thead>
<tr>
<th>Size</th>
<th>Used in Drilling</th>
<th>Left in Well</th>
<th>Packers</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>81/2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>61/2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5 3/16</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2001/4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>41/2</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Casing Cemented

<table>
<thead>
<tr>
<th>Size</th>
<th>No.</th>
<th>Ft.</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 1/2</td>
<td>900</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Rock Pressure

<table>
<thead>
<tr>
<th>Fresh Water</th>
<th>Salt Water</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Result After Treatment

<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</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water sand</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1541</td>
<td></td>
</tr>
<tr>
<td>Pittsburg</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>516</td>
<td>521</td>
</tr>
<tr>
<td>fish</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>460</td>
<td>976</td>
</tr>
<tr>
<td>kern</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>160</td>
<td>1061</td>
</tr>
<tr>
<td>fish</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>168</td>
<td>1240</td>
</tr>
<tr>
<td>kern</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1236</td>
<td>1125</td>
</tr>
<tr>
<td>mazon</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1250</td>
<td>1296</td>
</tr>
<tr>
<td>mazon</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1324</td>
<td>1350</td>
</tr>
<tr>
<td>mazon</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1325</td>
<td>1380</td>
</tr>
<tr>
<td>mazon</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1385</td>
<td>1470</td>
</tr>
<tr>
<td>mazon</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1720</td>
<td>1790</td>
</tr>
<tr>
<td>mazon</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1740</td>
<td>1790</td>
</tr>
<tr>
<td>mazon</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1740</td>
<td>1790</td>
</tr>
<tr>
<td>mazon</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1793</td>
<td>1890</td>
</tr>
<tr>
<td>mazon</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1840</td>
<td>1890</td>
</tr>
</tbody>
</table>

**Lia. 1967**  
**RECEIVED**  
**West Virginia**  
**Dept. of Mines**
STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Company: JET Oil Company
Address: Miltan Underwood
Farm: Milton Underwood
Acres: 1
Location (Waters): 0
Well No. 1
Size: 16
District: McClain
County: Doorebridge
The surface of tract is owned in fee by: Hartzel Underwood
Address: West Union
Mineral rights are owned by: " 
Drilling commenced: 4-1-07
Drilling completed: 4-1-07
Date Shot: From: To:
With: 

Open Flow: 1/10th Water in 1/10th Merc. in
Volume: Cu. Ft.
Rock Pressure: lbs.
Oil: bbls., 1st 24 hrs.

WELL ACIDIZED (DETAILS)

WELL FRACTURED (DETAILS)

RESULT AFTER TREATMENT (Initial open flow or bit) 50 bbls.

ROCK PRESSURE AFTER TREATMENT: 7.2

Fresh Water: Feets
Salt Water: Feet

Producng Sand: Big Lynn

Formation: Pittsburgh Coal
Color: 
Hard or Soft: 5-40
Top: 1877
Bottom: 1877
Oil or Water: 1901
Depth: 1887

Remarks: This is an old well that has been worked over and fractaed

Casing and Tubing
Used in Drilling
Left in Well
Packers
Size: 16
Kind of Packer: 
Liners Used: 
Perf. top:
Perf. bottom:
Perf. top:
Perf. bottom:

Attach copy of cementing record.

CASING CEMENTED: 1 1/2 SIZE: No. Pl. Date
Amount of cement used (tons): 0
Name of Service Co.:

COAL WAS ENCOUNTERED AT 5 40 FEET:
INCHES
PER: INCHES
PER: INCHES
PER: INCHES

5000 or more

6000 or less