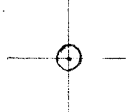


LATITUDE 38° 37' 30"



89° 17' 18" LONGITUDE

7'5 OGIS topo location.

7.5' loc 105S 15' loc _____
 2.08W (calc.) _____

Company _____

Farm _____

Quad CL10 7 1/2'

County ROANE

District WALTON

WELL LOCATION MAP

File No. 087-2325

Lease No. 15703

Map Square 18-17

UNITED FUEL GAS COMPANY

(INCORPORATED)

WELL LOCATION Clenadin FIELD

Well No. 1591, A.C. Cottrell Farm; 7.5 Acres. On settlement

Walter Dist. Ken Co. W. Va. State

Scale 1" = 1320'

Location made by W. H. Price Date January 1 1926

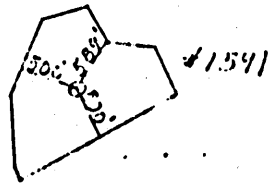
Elevation 1177'

Lease expires July 26, 1927.
No reserve.
Class "B" location.

No buildings within 1/2 mile.

De Jay

Lat. 38° 36' 35"
Long. 81° 19' 49"



7.5'

LAT 38° 37' 30"
LONG 81° 17' 30"

75

1.05S
2.08W

Book 152
Page 52

RECORDED
FEB 2 1926

ROA-2325

Approved: Jan 23 - 1926 G. A. Cunningham Engineer

UNITED FUEL GAS COMPANY

Incorporated

Serial Well No. **1591**

Lease No. **15908**

Map Square. **28-77**

| <p style="text-align: center;">RECORD OF WELL No. 1 on the</p> <p>C. Cottrell Farm of 27-1/2 Acres</p> <p>in Walton District</p> <p>Roane County</p> <p>Glendenin Field, State of W. Va.</p> | <p style="text-align: center;">CASTING AND TUBING</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 15%;">Size</th> <th style="width: 15%;">Used in Drilling</th> <th style="width: 15%;">Left in Well</th> </tr> <tr> <td>10</td> <td></td> <td></td> </tr> <tr> <td>12</td> <td></td> <td></td> </tr> <tr> <td>10</td> <td></td> <td></td> </tr> <tr> <td>8 1/4</td> <td style="text-align: center;">650</td> <td></td> </tr> <tr> <td>6 1/2</td> <td style="text-align: center;">1861</td> <td style="text-align: center;">1861</td> </tr> <tr> <td>4</td> <td></td> <td></td> </tr> <tr> <td>3</td> <td style="text-align: center;">2106' 3"</td> <td style="text-align: center;">2106'</td> </tr> <tr> <td>2</td> <td></td> <td></td> </tr> </table> | Size | Used in Drilling | Left in Well | 10 | | | 12 | | | 10 | | | 8 1/4 | 650 | | 6 1/2 | 1861 | 1861 | 4 | | | 3 | 2106' 3" | 2106' | 2 | | | <p style="text-align: center;">TEST BEFORE SHOT</p> <p>225 of Water in _____ Inch</p> <p>10ths _____</p> <p>of Merc. in _____ Inch</p> <p>10ths _____</p> <p>Volume 1,030,000 Cu. ft</p> <p style="text-align: center;">TEST AFTER SHOT</p> <p>_____ of Water in _____ Inch</p> <p>10ths _____</p> <p>of Merc. in _____ Inch</p> <p>10ths _____</p> <p>Volume _____ Cu. ft</p> <p>Rock Pressure 172</p> <p>Date Shot _____</p> <p>Size of Torpedo _____</p> <p>Oil Flowed _____ bbls. 1st 24 hrs</p> <p>Oil Pumped _____ bbls. 1st 24 hrs</p> <p>Well abandoned and</p> <p>Plugged _____ in _____</p> <p>Set at 1982</p> |
|---|---|--------------|------------------|--------------|----|--|--|----|--|--|----|--|--|-------|-----|--|-------|------|------|---|--|--|---|----------|-------|---|--|--|--|
| Size | Used in Drilling | Left in Well | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 1/4 | 650 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 1/2 | 1861 | 1861 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 2106' 3" | 2106' | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Rig Commenced 1922</p> <p>Rig Completed 1922</p> <p>Drilling Commenced March 16th, 1926</p> <p>Drilling Completed May 8th, 1926</p> <p>Drilling to cost 1.75 per foot</p> <p>Contractor is: Ramsey & Thompson</p> <p>Address: Box 63, Charleston, W. Va.</p> <p>Driller's Names L. D. Combs Jno. Gibson</p> | <p style="text-align: center;">SHUT IN</p> <p>Date May 7, 1926</p> <p>Tubing or XXXXX 3" in</p> <p>Size of Packer 3 x 6 3/16"</p> <p>Kind of Packer OWS-Anchor</p> <p>1st. Perf. Set On Bottom</p> <p>2nd Perf. Set 5' from bottom</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

1155 B
Elevation **1177' B**

DRILLER'S RECORD

| Formation | Top | Bottom | Thickness | Remarks |
|-------------------|------|--------|-----------|---------------------------------------|
| sand | 0 | 120 | 120 | Salt Water at 1506 |
| med rock & shells | 120 | 300 | 180 | Oil, Gas, and water 1967, exhausted |
| sand | 300 | 345 | 45 | 1. st. gas at 2002-2/10 M-2" 220 MCF |
| med rock & shells | 345 | 645 | 300 | 2 nd. gas at 2030-2034 34/10 M-2" 907 |
| sand | 645 | 650 | 5 | Hole reduced to 3/16" at 1947 |
| white slate | 650 | 690 | 40 | |
| sand | 690 | 740 | 50 | |
| slate & shells | 740 | 910 | 170 | |
| Coal | 910 | 914 | 4 | |
| Lime | 914 | 965 | 51 | |
| sand | 965 | 1025 | 60 | |
| slate & shells | 1025 | 1456 | 431 | |
| - salt sand | 1456 | 1776 | 320 | |
| slate | 1776 | 1786 | 10 | |
| - Maxon sand | 1786 | 1804 | 18 | |
| slate | 1804 | 1816 | 12 | |
| Little Lime | 1816 | 1849 | 33 | |
| lime shell | 1849 | 1865 | 16 | |
| - pencil cave | 1865 | 1867 | 2 | |
| - Big Lime | 1867 | 1997 | 130 | |
| - Big Injun sand | 1997 | 2041 | 44 | |
| slate | 2041 | 2092 | 51 | |
| Total depth | | 2092 | | |

Approved *[Signature]*

ROA-2325