

O.F.N.O. 612 Lincoln

316A

Duval District, Lincoln County, W. Va.  
 By Ohio Fuel Oil Co. (CWL) (United Fuel Gas Co.?)  
 Elevation, 990'.  
 Drilling commenced March 16, 1909, and completed April 28, 1909.  
 Contractor, United Fuel Drilling Co.  
 Drillers: James Whitecotton and James Hamill.  
 Shot September 28, 1909, with 210 qts.  
 Examined and approved by E. B. South, Foreman.

|                                   | Top.   | Bottom. | Thickness. |
|-----------------------------------|--------|---------|------------|
| Red rock                          | 85     |         |            |
| Sand (water at 110')              | 101 -  | 150     | 49         |
| Slate and shells                  | 150 -  | 210     | 60         |
| Lime                              | 210 -  | 300     | 90         |
| Slate and shells                  | 300 -  | 400     | 100        |
| Sand (4 bailers of water at 450') | 400 -  | 500     | 100        |
| Slate and lime                    | 500 -  | 525     | 25         |
| Sand                              | 525 -  | 640     | 115        |
| Lime                              | 640 -  | 800     | 160        |
| Slate and shells                  | 800 -  | 920     | 120        |
| Sand and slate                    | 920 -  | 1080    | 160        |
| Salt Sand (big water at 1135')    | 1080 - | 1735    | 655        |
| Little Lime                       | 1735 - | 1763    | 28         |
| Pencil Cave                       | 1763 - | 1768    | 5          |
| Big Lime                          | 1768 - | 1955    | 187        |
| Big Injun Sand                    | 1955 - | 2015    | 60         |
| Slate and shells                  | 2015 - | 2450    | 435        |
| Berea Sand (oil)                  | 2450 - | 2475    | 25         |

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

612

WELL RECORD

Permit No. LN-316-A Oil or Gas Well Oil Well  
(KIND)

Company Frick-Reid Supply Corporation  
Address Drawer 2451, Tuisa, Okla.  
Farm Mary Mason Acres 218  
Location (waters) Sugartree Br. Str. Fl. Mud River  
Well No. Four Elev. 989  
District Union County Lincoln  
The surface of tract is owned in fee by Gordon Mason et al  
Griffithsville, Address W. Va.  
Mineral rights are owned by Gordon Mason et al  
Griffithsville, Address W. Va.  
Drilling commenced March 15, 1909  
Drilling completed April 28, 1909  
Date Shot 5/3/1909 From 2455 To 2473  
With 90 lbs. Nitro-glycerine each shot  
Open Flow /10ths Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume \_\_\_\_\_ Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
Fresh water 110 feet 450 feet  
Salt water 1135 feet \_\_\_\_\_ feet

| Casing and Tubing | Used in Drilling | Left in Well | Packers        |
|-------------------|------------------|--------------|----------------|
| Size              |                  |              | Kind of Packer |
| 16                |                  |              |                |
| 13                |                  |              |                |
| 10 <u>Wood</u>    | <u>16</u>        | <u>16</u>    | Size of        |
| 8 1/4             | <u>1775</u>      | <u>1775</u>  | Depth set      |
| 6 5/8             |                  |              |                |
| 5 3/16            |                  |              |                |
| 3                 |                  |              | Perf. top      |
| 2                 | <u>2475</u>      | <u>2475</u>  | Perf. bottom   |
| Liners Used       |                  |              | Perf. top      |
|                   |                  |              | Perf. bottom   |

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

| Formation      | Color | Hard or Soft | Top  | Bottom | Oil, Gas or Water | Depth Found | Remarks          |
|----------------|-------|--------------|------|--------|-------------------|-------------|------------------|
| Red rock       |       |              | 0    | 85     |                   |             |                  |
| Sand           |       |              | 101  | 150    |                   |             |                  |
| Slate & shell  |       |              | 150  | 210    | <u>Water</u>      | <u>110</u>  |                  |
| Lime           |       |              | 210  | 300    |                   |             |                  |
| Slate & shells |       |              | 300  | 400    |                   |             |                  |
| Sand           |       |              | 400  | 500    | <u>Water</u>      | <u>450</u>  | <u>4 bailers</u> |
| Slate & lime   |       |              | 500  | 525    |                   |             |                  |
| Sand           |       |              | 525  | 640    |                   |             |                  |
| Lime           |       |              | 640  | 800    |                   |             |                  |
| Slate & shells |       |              | 800  | 920    |                   |             |                  |
| Sand & slate   |       |              | 920  | 1080   |                   |             |                  |
| Salt Sand      |       |              | 1080 | 1735   | <u>Water</u>      | <u>1135</u> |                  |
| Little Lime    |       |              | 1735 | 1763   |                   |             |                  |
| Pencil cave    |       |              | 1763 | 1768   |                   |             |                  |
| Big Lime       |       |              | 1768 | 1955   |                   |             |                  |
| Big Injun      |       |              | 1955 | 2015   |                   |             |                  |
| Slate & shells |       |              | 2015 | 2450   |                   |             |                  |
| Berea sand     |       |              | 2450 | 2475   |                   |             |                  |

