

771  
 Sherman District, Boone County, W. Va.

The Pure Oil Co., Dawes, W. Va.

On 12,000 acres, surface and mineral rights owned by Federal Coal Co.,  
 Charleston, W. Va.

Elevation, 1556.06' L.

10" casing, 1005'; 8 $\frac{1}{4}$ " 2000'; 6-5/8" 2497'.

Coal was encountered at 75-78, 150-155, 450-455, 470-473, 536-540,  
 780-783, 880-885, 930-934, 936-940'.

Abandonment? reported to Dept. of Mines Feb. 25, 1931.

Well was shot at 3146 $\frac{1}{2}$ ' to 3162'.

Fresh water at 150, 1450 and 1720'; salt water at 2040'.

Gas well.

|                             | Top. | Bottom. |
|-----------------------------|------|---------|
| Surface gravel              | 0    | 8       |
| Sand                        | 8    | 75      |
| Coal                        | 75   | 78      |
| Sand                        | 78   | 125     |
| Slate                       | 125  | 150     |
| Coal (water, 150')          | 150  | 155     |
| Slate                       | 155  | 170     |
| Sand                        | 170  | 225     |
| Slate                       | 225  | 310     |
| Sand                        | 310  | 450     |
| Coal                        | 450  | 455     |
| Slate                       | 455  | 470     |
| Coal                        | 470  | 473     |
| Sand                        | 473  | 536     |
| Coal                        | 536  | 540     |
| Sand                        | 540  | 708     |
| Coal                        | 708  | 711     |
| Slate and shells            | 711  | 880     |
| Coal                        | 880  | 885     |
| Lime                        | 885  | 930     |
| Coal                        | 930  | 934     |
| Slate                       | 934  | 936     |
| Coal                        | 936  | 940     |
| Lime                        | 940  | 1005    |
| Slate                       | 1005 | 1067    |
| Sand                        | 1067 | 1087    |
| Slate and shells            | 1087 | 1285    |
| Lime                        | 1285 | 1310    |
| Sand                        | 1310 | 1336    |
| Slate                       | 1336 | 1356    |
| Sand                        | 1356 | 1435    |
| Grampus Sand (water, 1450') | 1435 | 1556    |
| Slate and shells            | 1556 | 1600    |
| Sand and lime               | 1600 | 1670    |
| Slate                       | 1670 | 1675    |
| Salt Sand (water, 1720')    | 1675 | 1840    |
| Slate and shells            | 1840 | 1880    |
| Salt Sand                   | 1880 | 1965    |
| Slate                       | 1965 | 1990    |
| Salt Sand (water, 2040')    | 1990 | 2240    |
| Red rock                    | 2240 | 2255    |
| Lime                        | 2255 | 2265    |
| Slate and shells            | 2265 | 2371    |

(OVER)

FEDERAL COAL COMPANY NO. 8 WELL (Continued).

|                                  | Top. | Bottom.              |
|----------------------------------|------|----------------------|
| Lime                             | 2371 | - 2411               |
| Slate                            | 2411 | - 2421               |
| Lime                             | 2421 | - 2436               |
| Slate                            | 2436 | - 2442               |
| Lime                             | 2442 | - 2454               |
| Slate                            | 2454 | - 2459               |
| Big Lime (gas, 2605')            | 2459 | - 2669               |
| Big Injun Sand                   | 2669 | - 2709               |
| Slate and shells (gas, 2953')    | 2709 | - 3130               |
| Berea Sand (gas, 3151 and 3162') | 3130 | - 3162               |
| Slate, to bottom                 | 3162 | - 3163 $\frac{1}{2}$ |