

Grant District, Cabell County, W. Va. CAD-4-A
 Harshbarger Oil & Gas Co., 1108 Kan. Val. Bldg., Charleston, W. Va.
 On 25 acres, on waters of Charleys Creek; surface and mineral rights
 owned by J. & J. H. Harshbarger, Milton, W. Va.

No elevation given.

21' conductor; "....." casing, 1478'.

No coal encountered. No liners used.

Abandonment reported to Dept. of Mines Aug. 17, 1931.

Well was shot at 1576 to 1584'.

Water at 380 and 690'.

Well was completed in August, 1916.

Oil well.

| | Top. | Bottom. |
|--------------------------------|--------|---------|
| Red rock | 40 - | 100 |
| Sand | 100 - | 145 |
| Red rock | 145 - | 160 |
| Sand and slate (water at 380') | 160 - | 380 |
| Gas and water at 690' | | |
| Salt Sand (oil at 1576-1584') | 1065 - | 1478 |
| Total depth | | 1611 |