

Big Sandy District, Kanawha County, W. Va.
 By South Penn Oil Co., P. O. Drawer 1255, Pittsburgh, Pa.
 On 65 acres, surface and mineral rights owned by V. B. Estep et al.,
 Clendenin, W. Va.
 Elevation, 919' L.
 16' conductor; 8 $\frac{1}{4}$ " casing, 505' 2"; 6-5/8", 1703'; 5-3/16", 1892' 8".
 Packer, 6-5/8 x 8 $\frac{1}{4}$ ", set at 1689'.
 Packer, 5-3/16 x 6-5/8 x 10, B. H., set at 1877'.
 Abandonment reported to Dept. of Mines Feb. 14, 1933.
 Well was shot in Weir Sand Nov. 4, 1919, with 30 qts., and on
 Dec. 7, 1919, with 50 qts.
 Producing hole.

	Top.	Bottom.
Conductor	0	- 16
Sand	70	- 240
Sand	270	- 340
Red rock	340	- 370
Sand	420	- 450
Slate	450	- 495
Sand	495	- 515
Slate	515	- 530
Sand	530	- 585
Slate	585	- 600
Sand	600	- 642
Slate	642	- 670
Sand	670	- 745
Slate	745	- 828
Sand	828	- 862
Slate	862	- 910
Sand	910	- 945
Slate	945	- 970
Sand	970	- 977
Slate	977	- 1040
Sand	1040	- 1060
Slate	1060	- 1065
Gas Sand	1065	- 1070
Slate	1070	- 1100
Salt Sand (hole full water, 1145')	1100	- 1452
Slate	1452	- 1495
Maxton Sand	1495	- 1625
Little Lime	1625	- 1665
Slate	1665	- 1671
Lime shell	1671	- 1676
Pencil Cave	1676	- 1683
Big Lime	1683	- 1805
Big Injun Sand	1805	- 1840
Slate	1840	- 1933
Sand	1933	- 2013
Weir Sand (oil, 2033-2036')	2013	- 2067
Slate, to bottom	2067	- 2117