

73A

Big Sandy District, Kanawha County, W. Va.
 By South Penn Oil Co., P. O. Drawer 1255, Pittsburgh, Pa.
 On 8-3/4 acres, surface owned by E. C. Hayes, Clendenin, W. Va.,
 and mineral rights by N. B. Hayes and Rowena Hayes, Route 2,
 Gallipolis, Ohio.

Elevation, 918' L.

16' conductor; 8 1/4" casing, 478'; 6-5/8" 1708' 1".

Coal was encountered at 485-490'.

Abandonment reported to Dept. of Mines Dec. 22, 1931.

Well was shot twice in Squaw Sand.

Salt water at 1190' and 1210'.

Producing hole.

	Top.	Bottom.
Conductor	0	16
Red rock	16	25
Slate	25	40
Sand	40	60
Red rock	60	110
Slate	110	120
Red rock	120	165
Slate	165	200
Lime	200	230
Slate	230	255
Lime	255	285
Sand	285	365
Lime	365	440
Sand	440	470
Slate	470	485
Coal	485	490
Slate	490	545
Sand	545	675
Slate	675	685
Sand	685	690
Slate	690	700
Lime	700	720
Slate	720	770
Lime	770	785
Slate	785	840
Lime	840	850
Slate	850	890
Sand	890	930
Lime	930	965
Slate	965	990
Lime	990	1000
Slate and shells	1000	1050
Gas Sand	1050	1110
Salt Sand (water, 1190' and 1210')	1110	1517
Slate	1517	1525
Red rock	1525	1540
Lime	1540	1550
Red rock	1550	1565
Lime	1565	1588
Maxton Sand	1588	1632
Little Lime	1632	1658
Slate	1658	1660

(OVER)

JAMES STAFFORD NO. 1 WELL (Continued).

	Top.	Bottom.
Lime	1660	- 1667
Slate	1667	- 1671
Lime	1671	- 1679
Pencil Cave	1679	- 1687
Big Lime	1687	- 1812
Big Injun Sand (gas show, 1812'; gas show, 1820')	1812	- 1875
Slate and shells	1875	- 1948
Squaw Sand (oil and gas, 1950')	1948	- 1963
Total depth		1964