

51A

Jefferson District, Kanawha County, W. Va.
 By W. Va. Gas Corp., Charleston, W. Va. (401 Union Bldg.)
 On 56 acres, on Browns Creek; surface owned by W. D. Guthrie,
 St. Albans, W. Va., and mineral rights by Ira H. Mottes-
 heard and S. P. Smith, Charleston, W. Va.

Well was drilled October, 1925.

No elevation given.

8 1/2" casing, 2 1/2" tubing, 2 1/2" conductor, 69'; 6-5/8" casing, 947' (set in 15' red mud with steel shoe on bottom).

Packer set at 1034-1038'.

~~Casing~~ perforated at 1080-1082 1/2'.

Coal was encountered at 312-314, 535-538, 575-583, 620-622, 675-677, 754-756, 888-890, and 933-935'.

Pin broken off. Bit setting straight in hole 4 1/2' long.

Abandonment reported to Dept. of Mines Aug. 10, 1931.

Cage, 1080-1080 1/2'. 48' from top of packer to bottom of anchor.

Little gas at 677'; water at 755', filled up; gas, 933-935'; steel line, 947', 6-5/8" casing.

	Top.	Bottom.	Thickness.
Red rock	0	62	62
Lime	62	71	9
Slate	71	90	19
Sand	90	100	10
Slate	100	125	25
Red rock	125	140	15
Slate	140	170	30
Red rock	170	180	10
Slate	180	225	45
Lime	225	240	15
Red rock	240	250	10
Slate	250	270	20
Sand	270	290	20
Slate	290	312	22
Coal	312	314	2
Slate	314	340	26
Sand	340	395	55
Slate	395	438	43
Sand	438	535	97
Coal	535	538	3
Slate	538	545	7
Sand	545	575	30
Coal	575	583	8
Sand	583	620	37
Coal	620	622	2
Sand	622	675	53
Coal	675	677	2
Lime	677	700	23
Slate	700	735	35
Lime	735	754	19
Coal	754	756	2
Slate	756	780	24
Lime	780	888	108
Coal	888	890	2
Sand	890	895	5
Slate	895	905	10
Lime shell	905	910	5

(OVER)

MOTTESHEARD & SMITH NO. T-17 WELL (Continued).

	Top.	Bottom.	Thickness.
Slate	910	- 933	23
Coal	933	- 935	2
Sand	935	- 940	5
Lime, white	940	- 965	25
Slate	965	- 980	15
Sand	980	- 1003	23
Lime, black	1003	- 1012	9
Slate	1012	- 1020	8
Lime	1020	- 1026	6
Slate	1026	- 1031	5
Gas Sand	1031	- 1041	10
Slate	1041	- 1048	7
Salt Sand (first gas at 1051'; second gas at 1066'; big gas at 1074- 1082')		1048	
Total depth			1086½
Total, top bit (pin broken off bit, setting straight in hole, 4½' long)			1082