

188-A

Cabin Creek District, Kanawha County, W. Va.
 By Virginian Gasoline & Oil Co., Charleston, W. Va.
 On 8000 acres, on Kelleys Creek; surface and mineral rights owned
 by Benj. B. Brown, Atty. in fact, D. Ward Heirs, Kanawha
 Valley Bldg., Charleston, W. Va.
 Drilled previous to June 1, 1929.
 Elevation, 917' L.
 16" conductor, 21'; 10" casing, 329'; 8 1/4", 1319'; 6-5/8", 1666';
 4" tubing, 1980'.
 Anchor packer, 4 x 6-5/8 x 16, set at 1669'.
 Parmaco packer, 6-5/8 x 8 1/4 x 10, set at 1656'.
 Casing perforated at 1931-1920' and 1958-1952'.
 Coal was encountered at 170-174, 232-237, and 274-279'.
 Abandonment reported to Dept. of Mines May 11, 1936.
 Well was not shot.
 Fresh water at 245'; salt water at 1125, 1170, 1325 and 1444'.

	Top.	Bottom.	Thickness.
Rock	6	130	124
Slate	130	170	40
Coal	170	174	4
Slate	174	215	41
Sand	215	227	12
Slate	227	232	5
Coal	232	237	5
Sand (water at 245')	237	255	18
Slate	255	260	5
Lime	260	274	14
Coal	274	279	5
Slate	279	370	91
Lime	370	390	20
Slate	390	392	2
Lime	392	405	13
Sand	405	445	40
Black slate	445	480	35
Sand	480	624	144
Slate	624	635	11
Black lime	635	670	35
Sandy lime	670	740	70
Slate	740	742	2
Sand	742	850	108
Slate	850	900	50
Shells	900	930	30
Very hard sand	930	1045	115
Slate and shells	1045	1080	35
Dark hard sand (water, 1125')	1080	1135	55
Slate	1135	1137	2
Sand (water, 1170')	1137	1200	63
Black slate	1200	1218	18
Lime	1218	1230	12
Sand	1230	1270	40
Red rock	1270	1300	30
Gritty lime	1300	1312	12
Sand (gas, 1325-1340')	1312	1404	92
Hard red rock	1404	1439	35
Dark sand	1439	1494	55
Sandy red rock	1494	1500	6

DAVID WARD NO. 2444 WELL (Continued).

	Top.	Bottom.	Thickness.
Black sand	1500	- 1525	25
Slate and shells	1525	- 1580	55
Lime and shells	1580	- 1610	30
White lime	1610	- 1648	38
Slate break	1648	- 1650	2
Big Lime	1650	- 1808	158
Red Injun Sand	1808	- 1848	40
Dark Injun Sand	1848	- 1869	21
White Weir Sand (gas, 1903-1954'; gas, 2030-2033'; oil, 2053-2063')	1869	- 2077	208
Slate	2077	- 2079	2
Total depth		2079	

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By Cabin Creek Gas Co. (U. F. G. Co. sub.)

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Slate	130	170	40
Coal	170	174	4
Slate	174	215	41
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Slate	227	232	5
Coal	232	237	5
Sand (water at 245')	237	255	18
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Sandy lime	670	740	70
Slate	740	742	2
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Slate	850	900	50
Shells	900	930	30
Very hard sand	930	1045	115
Slate and shells	1045	1080	35
Dark hard sand (water at 1125')	1080	1135	55
Slate	1135	1137	2
Sand (hole full water, 1170')	1137	1200	63
Black slate	1200	1218	18
Lime	1218	1230	12
Sand	1230	1270	40
Red rock	1270	1300	30
Gritty lime	1300	1312	12
Sand (gas, 1325-1340', in stray sand)	1312	1404	92
Hard red rock	1404	1439	35
Dark sand (water at 1444')	1439	1494	55
Sandy red rock	1494	1500	6
Black sand	1500	1525	25
Slate and shells	1525	1580	55
Lime and shells	1580	1610	30
White lime	1610	1648	38
Slate break	1648	1650	2
Big Lime	1650	1808	158
Big Injun Sand, red	1808	1848	40
Big Injun Sand, dark	1848	1869	21
Weir Sand, dark, to bottom (gas, 1903-1954') (8/10 w. in 6-5/8")	1869	1958	89
DRILLED DEEPER, August, 1918:			
Weir Sand (gas, 2030-33'; 10/10 w. in 6-5/8") (oil, 2053-2063')	1958	2077	119
Total depth		2079	

Completed August 17, 1918.

Made 810 bbls. 1st 24 hrs. after 8-qt. shot.