

## Slaughter Creek Coal &amp; Land Company No. 1 Well.

70833

Cabin Creek District, Kanawha County, W. Va.

By William Seymour Edwards Oil Company.

Kan-E on map.

Elevation, 648' L.

Dry hole; gas show in Oriskany; oil show in Oriskany.

Located 5.13 mi. S. of 38° 15' and 4.47 mi. W. of 81° 25'—NW—Montgomery Quadrangle.

On Slaughter Creek, 1 mi.± above mouth.

1.2 mi. S. of Chelyan; 1.8 mi. S. W. of Dry Branch.

	Top.	Bottom.	Thickness.	Elevation (top)
Big Lime -----	1453	1660	207	— 805
Big Injun Sand -----	1660	1696	36	—1012
Berea Sand -----	2093	2105	12	—1445
Corniferous Lime -----	4945	5035	90	—4297
Oriskany Sand -----	5035	5050	15	—4387

Deep

Thickness, Devonian Shales, 2840 feet.

Total depth, 5595'.

Remarks: Completed November 1912.

Water, 50'. Gas, 450'. Salt water, 1175' (hole full).

Gas, 1830 and 1843'. Smell of oil, 2400' and 2690'.

Oriskany oil and gas show at 5035-50'.

Salt water, 5592'. (rose 4000'). (sampled).

Temperature at 4730', 113° F., at 5230', 129° F.

Cabin Creek District, Kanawha County, W. Va. Kanawha E  
 By Wm. S. Edwards Oil Co. (on The Hamilton Co. blank).  
 Drilling commenced June 5, 1911.  
 J. V. Reishman, Supt.  
 Drillers: J. M. Runnels & G. C. Clayton. 70833  
 16' conductor, 10" casing, 37'; 8½", 954'; 6-5/8", 1502'.  
 Elevation, 640'.  
 Elevation, Black Flint, 1130'.  
 Top of well 5' below Peerless Coal.

	Top.	Bottom.	Thickness.
Unrecorded (water at 50')	0	- 55	55
Coal (Powellton)	55	- 60	5
Sand (Brownstown)	60	- 100	40
Slate	100	- 110	10
Sand	110	- 420	310
Slate	420	- 435	15
Sand (gas at 450')	435	- 540	105
Slate	540	- 550	10
Sand (Nuttall?)	550	- 640	90
Slate	640	- 665	25
Salt Sand (Raleigh?)	665	- 890	225
Slate	890	- 892	2
Sand, base of Pottsville	892	- 940	48
Slate and lime	940	- 950	10
Slate	950	- 975	25
Lime shells	975	- 1060	85
Slate	1060	- 1080	20
Lime	1080	- 1110	30
Slate	1110	- 1130	20
Sand (hole filled with water at 1175')	1130	- 1265	135
Red rock	1265	- 1270	10
Slate and shells	1270	- 1320	50
Red rock	1320	- 1335	15
Slate	1335	- 1390	55
Lime	1390	- 1425	35
Slate	1425	- 1430	5
Lime shells	1430	- 1433	3
Slate	1433	- 1438	5
Little Lime (broken)	1438	- 1448	10
Pencil Cave	1448	- 1453	5
Big Lime, Greenbrier (yellow at 1490')	1453	- 1660	207
Big Injun Sand	1660	- 1696	36
Slate	1696	- 1763	67
Squaw Sand (1st gas, 1830'; 2nd gas, 1843')	1763	- 1871	107
Slate	1871	- 2093	222
Berea Sand	2093	- 2105	12
Slate and lime (sandy, with smell of oil at 2400'; sandy at 2690') (temperature, 113° F. at 4730')	2105	- 2245	140
Very black slate, Marcellus	2245	- 4940	2695
Lime, very hard, with flint nodules, Corniferous	4940	- 4945	5
Clean yellow sand, Oriskany	4945	- 5035	90
Fine-grained gray sand, Oriskany	5035	- 5045	10
	5045	- 5050	5

(OVER)

SLAUGHTER CREEK NO. 1 WELL (Continued).

	Top.	Bottom.	Thickness.
Lime, light-gray (Temp. 119°F. at 5230')	5050	- 5240	190
Lime, dark	5240	- 5315	75
Lime, light	5315	- 5355	40
Lime, dark (water, 5592'), to bottom	5355	- 5595	240

Temperature of sand pumpings when not drilling, depth 5080' = 118° F.  
 when drilling, depth 5085' = 132° F.  
 Drilling shut down for new rig at 5230, Dec., 1911.

7 Kanawha E  
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Cabin Creek District, Kanawha County, W. Va.

Wm. S. Edwards Oil Co.

Drilling commenced, June 5, 1911.

Elevation, 640'.

16" conductor; 10" casing, 37'; 8", 954'; 6-5/8", 1502'.

Starts 5' below Peerless Coal.

	Top.	Bottom.
Unrecorded (water at 50')	0	55
Coal (Powellton)	55	60
Sand (Brownstown)	60	100
Slate	100	110
Sand	110	420
Slate	420	435
Sand (gas at 450')	435	540
Slate	540	550
Sand (Nuttall?)	550	640
Slate	640	665
Salt Sand (Raleigh?)	665	890
Slate	890	892
Sand (base of Pottsville)	892	940
Slate and lime	940	950
Slate	950	975
Lime shells	975	1060
Slate	1060	1080
Lime	1080	1110
Slate	1110	1130
Sand (hole filled with water at 1175')	1130	1265
Red rock	1265	1270
Slate and shells	1270	1320
Red rock	1320	1335
Slate	1335	1390
Lime	1390	1425
Slate	1425	1430
Lime shells	1430	1433
Slate	1433	1438
Little Lime, broken	1438	1448
Pencil Cave	1448	1453
Big Lime, (yellow at 1490')	1453	1660
Big Injun Sand	1660	1696
Slate	1696	1763
Squaw Sand (1st gas, 1830'; 2nd gas, 1843')	1763	1871
Slate	1871	2093
Berea Sand	2093	2105
Slate and lime	2105	2245
Slate (sandy, with smell of oil at 2400' and 2690')	2245	4940
Very black slate (Marcellus)	4940	4945
Lime, dark, very hard, with flint nodules, Corniferous	4945	5035
Clean yellow sand	5035	5045
Fine grained gray sand ) Oriskany	5045	5050
Lime, light gray	5050	5240
Lime, dark	5240	5315
Lime, light	5315	5355
Lime, dark (water, 5592'), to bottom	5355	5595