

70029

1527 on Map

Henry District, Clay County, W. Va.

Leatherwood Oil Co. (No. 5).

On south bank of Elk River, 2 mi. below Clay C. H.

Elevation: about 703'.

Commenced spudding, Jan. 29, 1923; completed through Big Injun

March 14, 1923. Completed to bottom at 2674', Mar. 27, 1923.

Casing record: 13½", 50'; 10", 255'; 8½", 1048'; 6-5/8", 1551'.

Tested well for gas March 29, and gauge showed 2/10 water in 2" opening, = 70,000 cu. ft.

Well starts at horizon of the Coalburg seam of coal, the one worked at Pisgah and at mouth of Leatherwood Creek. This seam of coal crops in the public road across the river from the well, and on same level as top of the well. This same seam also crops at level of railroad track (which is level of the well) about 300 feet from the well.....H.B.Davenport, 4-3-23.

	Top.	Bottom.
Soil and gravel	0	48
Sand	48	60
Coal	60	62
Slate and lime shells	62	240
Sand (show of oil at 250')	240	254
Slate	254	264
Sand	264	300
Slate	300	325
Coal (No. 2 Gas)	325	328
Slate, sand, and shells	328	647
Sand	647	675
Lime and slate	675	750
Salt Sand	750	800
Slate break	800	830
Salt Sand	830	940
Slate and shells	940	1020
Sand (part of Salt Sand)	1020	1037
Slate and shells (some gas at 1048')	1037	1065
Sand (part of Salt Sand)	1065	1123
Slate and shells	1123	1230
Sand (part of Salt Sand) (2 bailers of water at 1260')	1230	1320
Lime and slate	1320	1345
Sand (part of Salt Sand)	1345	1356
Red rock	1356	1374
Slate, red rock, and lime	1374	1450
Slate (Pencil)	1450	1455
Little Lime	1455	1487
Slate (Pencil)	1487	1526
Big Lime (some gas at 1618-1625'; measuring line run at 1551')	1526	1681
Keener Sand (limy)	1681	1691
Lime, break	1691	1695
Big Injun Sand (light show of oil and gas at 1697-1702'; sand nice and white, with red and pink pebbles)	1695	1709
Red rock	1709	1719
Slate and shells	1719	1825
Squaw Sand, (broken) (50,000' gas, some black oil)	1825	1835

DAVENPORT & ELLIOTT NO. 5 WELL (Continued).

	Top.	Bottom.
Slate and lime shells	1835	- 2185
Sandy lime	2185	- 2200
Slate and shells	2200	- 2245
Lime, slate, and shells	2245	- 2338
Broken sand and lime (Gordon Stray Sand horizon)	2338	- 2350
Slate, shells, and lime	2350	- 2418
Hard gray sand and lime (Gordon Sand)	2418	- 2444
Shale, limy shells, and slate, to bottom	2444	--2674