

#189 or depth 1917 Clay
Co. Rpt.

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.....District, Clay County, W. Va.

Authority, L. V. Koontz.

Pat King No. 1 well on the Connell lease.

Drilled by Lockwood and Curry Drilling Co., May 5, 1911.

Started drilling, Feb. 24, 1911.

Conductor, 14"; 10" casing, 62"; 8 1/2", 732'; 6-5/8", 1730'; 5-3/16", 1943'.

	Top.	Bottom.
Red rock and slate	0	14
Sand	14	80
Slate	80	95
Sand	95	170
Slate	170	196
Coal	196	200
Sand (water to drill at 290')	200	430
Slate	430	440
Lime	440	480
Slate (6 bailers water at 480')	480	495
Coal	495	500
Slate	500	525
Sand	525	580
Sand and shells	580	640
Black slate	640	670
Sand	670	730
Slate and shells	730	900
Slate	900	960
Lime shells	960	1050
Sand (show of oil at 1050')	1050	1125
Slate	1125	1130
Salt Sand (show of oil and gas at 1135'; water at 1230' and 1295'; hole full water, 1440')	1130	1630
Slate	1630	1632
Sand	1632	1640
Lime	1640	1655
Red lime, gritty	1655	1680
Lime and slate	1680	1710
Pencil Cave	1710	1715
Blue slate	1715	1725
Lime, white	1725	1740
Slate and shells	1740	1750
Sand, Maxton	1750	1775
Black slate, caved	1775	1790
Shells	1790	1825
Black slate, caved	1825	1850
Little Lime	1850	1863
Slate and shells	1863	1890
Big Lime (show of gas at 1943')	1890	1958
Big Injun Sand, Keener	1958	1978
Black slate	1978	1990
Big Injun Sand	1990	2035

(sand very hard and white from
1990 to 2005'; about 200,000' gas
at 2000'; show of oil, 2008'; oil,
2012'; sand from 2022-2030', fine;
pay, 2012-2022'; sand from 2030-2035', very fine and dark red.

Red rock, to bottom 2035 - 2038

(Sand from 2012--15?--2022', very, very good)