

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

Well Operator's Report of Well Work

Farm name King Operator Well No.: King #25

LOCATION: Elevation: 898.00 Quadrangle: Elkhurst

District: Union County: Clay
Latitude: 5,390 Feet South of 38 Deg. 27 Min. 30 Sec.
Longitude 10,000 Feet West of 81 Deg. 10 Min. 00 Sec.

Company: Rouzer Oil Company

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: P.O. Box 614	9 5/8"	378'	378'	0.3114(surf.)
Spencer, WV 25276	7"	1489'	1489'	0.2672(surf.)
Agent: J. B. Hildreth	4.5"	1890'	1890'	70.5
Inspector: Ed Gainer				
Date Permit Issued: 09/01/2010				
Date Well Work Commenced: 01/03/11				
Date Well Work Completed: 07/08/11				
Verbal Plugging:				
Date Permission granted on:				
Rotary Cable Rig				
Total Depth (feet): 1856				
Fresh Water Depth (ft.): 200				
Salt Water Depth (ft.): 850				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.):				

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OPEN FLOW DATA

Producing formation Big Injun Sand 1750 Pay zone depth (ft) 1798
Gas: Initial open flow 80 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 20 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 48 Hours
Static rock Pressure 150 psig (surface pressure) after 48 Hours

Second producing formation _____ Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure _____ psig (surface pressure) after _____ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Signed: J. B. Hildreth
By: J. B. Hildreth, President
Date: 9-12-2011

GEOLOGICAL RECORD OF KING NO. 25

<u>Formation</u>	<u>Depth</u>
Soil	0 – 60
Sand	60 – 134
Slate	134 – 170
Shale	170 – 220
Sand	220 – 270
Slate	270 – 320
Sand	320 – 370
Coal	370 – 414
Slate	414 – 460
Sand	460 – 510
Slate	510 – 560
Sand	560 – 610
Sand	610 – 660
Slate	660 – 710
Shell/Slate	710 – 760
Sand/Slate	760 – 790
Sand/Slate	790 – 820
Slate	820 – 850
Slate	850 – 880
Sand	880 – 920
Sand	920 – 950
Sand	950 – 980
Sand	980 – 1010
Sand	1010 – 1050
Sand/Shale	1050 – 1070
Sand/Shale	1070 – 1140
Sand	1140 – 1272
Sand	1272 – 1330
Sand/Shale	1330 – 1370
Sand	1370 – 1422
Red Rock /Salt Sand	1422 – 1536
Maxon Sand	1536 – 1584
Little Lime	1584 – 1650
Pencil Cave	1650 – 1660
Big Lime	1660 – 1730
Keener Sand	1730 – 1766
Big Injun	1766 – 1815
Shale	1815 – 1852
Red Rock	1852 – 1856

Perforations: 44 holes between 1776 and 1798.

Stimulation: Sand fracture consisting of 451 bbl. water, 30345 lb. Sand; breakdown 1420 psi; max. treating pressure 2,213 psi.