

LOG OF DWYER WELL #1 - SW $\frac{1}{4}$ of 33-14-31 Douglas Co., Kans.

Soil	8'
Water Sand	89
Blue Lime	101
(Cased with 8 $\frac{1}{2}$ " - 114')	
Blue Shale	139
White Lime	146
White Shale	151
White Lime	166
White Shale	171
White Lime	209
Shale	245
Lime	260
Shale	275
Blue Shale	305
Lime	355
White Shale	360
White Lime	385
Shale	405
Lime	445
Shale	454
White Lime	514
Blue Shale	549
Sandy Shale	589
Shale	615
Sandy Lime Shale	650
Shale	660 (Little Gas)
Shale	668
Sandy Shale	675
Lime	680
Slate & Shale (Water) ..	735
Bl. & White Shale	750 (Set 8" Casing)
Shale	779
Sand	782
Shale	850
Sand	862 (Little Gas, burn up 1' high)
Muddy Shale	876 Bottom.

Douglas Co