

Northern Natural Gas

Clifton, Kansas

0 – 6'	Clay with sandstone
6' – 8'	Sandstone
8' – 60'	Clay, grey, with sandstone lenses
60' – 62'	Sandstone
62' – 90'	Clay with pyrite crystals
90' – 110'	Shale, soft, grey
110' – 114'	Sandstone, hard
114' – 128'	Shale, grey
128' – 200'	Shale, grey, hard, limey
200' – 210'	Limestone, white
210' – 230'	Shale, red/brown
230' – 270'	Shale, grey, with gypsum layers
270' – 290'	Shale, grey
290' – 295'	Shale, red
295' – 400'	Shales, red, brown, and grey, with gypsum layers
0' – 200'	16" borehole with SDR21 10" PVC Casing, cemented with Portland grout.
200' – 400'	9-5/8" borehole.
Dry hole from 200' – 400'	

RECEIVED
JAN 08 2010
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