

Oil & Gas Well Drilling **Water Wells** Geo-Loop Installation

Paola, Kansas 66071

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## WELL LOG Dan Hankinson October 16 - October 17, 2002

Thickness of Strata	<b>Formation</b>	Total
10	soil & clay	10
<b>2</b> 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	limestone	12
13	shale	25
5	limestone	30
<b>1</b> ,	shale	31
16	limestone	47
12	shale	59
<b>5</b>	limestone	64
2	shale	66
13	limestone	79
4	shale	83
<b>5</b>	limestone	88
3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	shale	91
19	limestone	110
10	shale	120
10	sandstone	130- GAS
20	shale	150

10-16-02

6 PM

Drilled an 12 1/2" hole to 20.4' and set 20.4' of 8 5/8" surface casing and cemented with 8 sacks Portland cement.

10-17-02

5 PM

Drilled a 7 5/8" hole to 150' and set 119' of used drifted and tested 4 1/2" casing with a cement basket at 119'. Then cemented with 35 sacks cement.

10-18-02

Ran line to the house, assembled fittings, tank, etc.