

TOWN OIL COMPANY

"Drilling and Production"

913-294-2125

Route 4
Paola, Kansas 66071

Well #8
Farm: Kern
Miami County, Kansas
Lease Owner: Town Oil Co.

Comp. 7-14-82

WELL LOG

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total Depth</u>
0-8	Soil	8
19	Lime	27
67	Shale	94
21	Lime	115
12	Shale	127
9	Lime	136
7	Shale	143
8	Sand	151
19	Shale	170
6	Lime	176
27	Shale	203
19	Lime	222
16	Shale	238
25	Lime	263
7	Shale & slate	270
21	Lime	291
4	Shale & slate	295
2	Lime	297
4	Shale & slate	301
10	Lime	311
3	Shale	314
2	Lime shell	316
3	Sandy shale	319
11	Sand	330
21	Shale	351
19	Sand	370
72	Shale	442
8	Sand	450
30	Shale	480
2	Lime	482
20	Shale	502
7	Lime	509
7	Shale/shell	516
6	Shale	522
6	Lime	528
4	Sand	532
5	Sand	537
10	Shale	547
4	Lime	551
4	Shale & slate	555

Hertha

Well #8
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Miami County, Kansas
Lease Owner: Town Oil Co.

WELL LOG (cont'd)

Thickness of Strata	formation	Total Depth
6	Shale & shell	561
4	Lime	565
8	Shale	573
7	Lime	580
3	Shale	583
7	Shale	590
2	Lime	592
2	Slate	594
17	Shale/shell	611
4	Slate & shale	615
8	Sand	623
27	Shale lt.	650
25	Sandy shale	652.5
.5	Sand	653
2	Sand	655
3	Sand	658
3.5	Sandy shale	661.5
25	Sand	664
7	Shale	671
14	Shale	685 TD