

TOWN OIL COMPANY

"Drilling and Production"

913-294-2125

Route 4
Paola, Kansas 66071

Well #7
Farm: Kern
Miami County, Kansas
Lease Owner: Town Oil Co.

Comp. 7-10-82

WELL LOG

Thickness of Strata	Formation	Total Depth
0-10	Clay	10
3	Sand (rock)	13
2	Sand	15
2	Lime	17
19	Lime	36
64	Shale	100
22	Lime	122
11	Shale	133
10	Lime	143
7	Shale	150
8	Sand	158
17	Shale	175
3	Lime	178
5	Shale	193
2	Lime	195
25	Shale	220
11	Lime	231
15	Shale	246
26	Lime	272
6	Shale & slate	278
22	Lime	300
4	Shale & slate	304
2	Lime	306
4	Shale & slate	310
10	Lime	320
3	Shale	323
2	Lime shell	325
3	Sandy shale	328
9	Sand	337
25	Shale	362
15	Sand	377
75	Shale	452
7	Sand	459
27	Shale	486
4	Shale & slate	490
22	Shale	512
3	Lime	515
2	Shale	517
2	Lime	519
11	Shale	530
9	Lime	539

Hertha

Well #7
 Farm: Kern
 Miami County, Kansas
 Lease Owner: Town Oil Co.

WELL LOG (cont'd)

Thickness of Strata	Formation	Total Depth
6	Sand	545
3	Sand & shale	548
9	Shale dk.	557
4	Lime	561
4	Shale & slate	565
6	Shale & shell	571
4	Lime	575
7	Shale green	582
7	Lime	589
7	Shale	596
2	Lime	598
2	Slate	600
18	Shale & shell	618
2	Slate	620
3	Shale blk	623
3	Shale green	626
5	Sand	631
19	Shale lt.	652
1	Lime	653
6	Shale	659
1	Sand	660
1	Sand	661
.5	Sand/shale	661.5
7	Sand	668.5
1	Sand	669.5
11.5	Shale	681 TD