

TOWN OIL COMPANY

"Drilling and Production"

913-294-2125

Route 4
Paola, Kansas 66071

Well #10

Farm: Kern

Miami County, Kansas

Lease Owner: Town Oil Company

Comp. 1-18-83

WELL LOG

Thickness of Strata	Formation	Total Depth
3	Soil & Clay	3
15	Lime	18
67	Shale	85
19	Lime	104
12	Shale	116
10	Lime	126
7	Shale	133
5	Sand	138
21	Shale	159
3	Lime	162
13	Shale	175
5	Sand	180
23	Sandy Shale	203
10	Lime	213
15	Shale	228
27	Lime	255
6	Shale & Slate	261
21	Lime	282
4	Shale & Slate	286
3	Lime	289
4	Shale & Slate	293
10	Lime	303 Hertha
3	Shale	306
1	Lime Shale	307
3	Shale	310
8	Sand	318
22	Shale	340
25	Sand	365
71	Shale	436
7	Sand	443
30	Sandy Shale	472
4	Slate	477
18	Shale	495
3	Lime	498
2	Shale	500
8	Lime	508
5	Shale	513
9	Lime	522
7	Sand	529
10	Dk. Shale	539
5	Lime	544
5	Shale & Slate	549

Well # 10
 Farm: Kern
 Miami County, Kansas
 Lease Owner: Town Oil Company

WELL LOG (cont'd)

Thickness of Strata	Formation	Total Depth
4	Lime Shells	553
5	Lime	558
6	Shale	564
1	Lime	565
3	Shale	568
5	Lime	573
7	Shale	580
1	Lime	581
2	Slate	583
6	Shale	589
2	Lime	591
6	Shale	597
2	Slate	599
5	Dk. Shale	604
35	Lt. Sandy Shale	639
1	Lime	640
4	Shale	644
1	Sand	645
5	Sand Oil	650
3	Broken Sand Oil	653
34	Shale	687 T.D.