

TOWN OIL COMPANY

22-14-22e

"Drilling and Production"

913-294-2125

Route 4
Paola, Kansas 66071

ORIGINAL

Well #10-P
Farm: Leeker
Johnson County, Kansas
Lease Owner: Jack Sanders

Comp. 9-16-81

WELL LOG

Thickness of Strata	Formation	Total Depth
0-3	Soil	3
7	Clay	10
10	Clay	20
17	Shale	37
8	Lime	45
3	Shale	48
16	Lime	64
7	Shale	71
9	Lime	80
4	Sandy shale	84
1	Sand	85
4	Shale	89
20	Lime	109
8	Sand	117
5	Sandy shale	122
17	Lime	139
8	Shale	147
53	Lime	200
24	Shale	224
10	Lime	232
13	Shale	247
11	Lime	258
4	Shale	264
10	Lime	274
33	Shale	307
2	Lime	309
9	Shale	318
27	Lime	345
6	Shale & slate	351
	Lime	375
	Shale & slate	378
	Lime	383
5	Shale	388
7	Lime	395
5	Shale	400
6	Sand	406
	Sandy shale	423
	Shale	427
8	Sand	435
80	Shale	505
17	Sandy shale	522

AUG 2 1995

Hertha

9-55-41-55

ORIGINAL

Well #10-P
Farm: Leeker
Johnson County, Kansas
Lease Owner: Jack Sanders

WELL LOG (cont'd)

Thickness of Strata	Formation	Total Depth
51	Shale	573
4	Lime shell	577
5	Shale	582
6	Lime	588
5	Sand	593
12	Sandy shale	605
4	Lime	609
3	Slate	612
4	Shale	616
13	Sandy lime	629
3	Shale	632
12	Red bed	644
2	Slate	646
7	Shale dk.	653
8	Sand	661
2	Slate	663
5	Shale	668
10	Sand	678
7	Sandy shale	685
26	Shale	711
1	Lime	712
11	Shale	723
2	Sand blk	725
8	Shale	733
2	Sand blk	735
5	Sandy shale	740
15	Shale dk.	755
5	Coal & shale	670
4	Lime	764
4	Shale	768
	Sand	769
	Shale	771
	Sand	776
3	Shale dk.	779
12	Shale dk.	791
	Shale lt.	798
	Shale dk.	804
	Sand/shale	807
	Sand	811
	Sandy shale	814
	Shale dk.	837
5	Sandy shale	842
6	Shale	848
2	Lime shell	850

22-14-22e
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WELL LOG (cont'd)

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total Depth</u>
3	Shale blk	853
1	Sand	854
1	Sand	855
1	Sand	856
2.5	Sand	858.5
1.5	Sand	860
3	Sand	863
2	Sand	865
3	Shale	868
12	Sandy shale dk.	880
		TD 880

TD PIPE L₂
871'

RECEIVED
NOV 2 1995