

TOWN OIL COMPANY

"Drilling and Production"

913-294-2125

Route 4

Paola, Kansas 66071

Well #1

Farm: Eisele

Douglas County, Kansas

Lease Owner: Town Oil Co.

9-14-21E

WELL LOG

Thickness of Strata	Formation	Total Depth
0-3	Surface soil	3
14	Clay	17
8	Shale	25
6	Lime	31
2	Sand	33
3	Lime	36
2	Sand	38
1	Lime	39
13	Lime	52
6	Shale	58
8	Lime	66
5	Shale	71
18	Lime	93
10	Shale	103
7	Shale	110
1	Lime	111
5	Sand	116
11	Shale	127
1	Lime	128
5	Sand	133
4	Shale	137
1	Slate	138
1	Shale	139
2	Lime	141
1	Shale	142
15	Lime	157
16	Shale	173
15	Shale	188
10	Shale & shells	198
11	Lime	209
10	Shale	219
17	Lime	236
12	Shale	248
14	Lime	262
14	Shale	276
14	Shale	290
9	Lime	299
2	Shale & slate	301
2	Lime	303
8	Shale	311
9	Lime	320
8	Sandy lime	328
7	Lime	335
4	Shale	339
4	Shale or coal	343

SEP 21 1987

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

RECEIVED
STATE CONSERVATION COMMISSION

SEP 18 1987

CONSERVATION DIVISION
Wichita, Kansas

9-14-21E

Well #1
Farm: Eisele
Douglas County, Kansas
Lease Owner: Town Oil Co.

WELL LOG (cont'd)

Thickness of Strata	Formation	Total Depth
24	Lime	367
4	Shale & slate	371
3	Lime	374
2	Shale	376
4	Shale dk.	380
6	Lime	386
1	Shale	387
4	Sand	391
4	Sandy shale	395
22	Shale	417
2	Sand	419
12	Shale	431
12	Sand	442
13	Sandy shale	455
39	Shale dk.	494
11	Sand	505
12	Shale	517
2	Shale	519
4	Shale	523
4	Lime shell	527
7	Shale	534
2	Lime shell	536
5	Shale	541
6	Shale	547
3	Shale	550
3	Shale	553
7	Lime	560
3	Slate	563
3	Lime	566
6	Shale & slate	572
6	Lime	578
12	Sand	590
8	Shale dk.	598
3	Lime	601
4	Coal	605
3	Sand	608
4	Lime	612
4	Shale	616
3	Shale/shell	619
6	Shale	625
17	Shale dk.	642
3	Lime	645
1	Shale	646
4	Lime	650
3	Shale	653
5	Sandy shale	658

RECEIVED
STATE CORPORATION COMMISSION

SEP 18 1987

CONSERVATION DIVISION
Wichita, Kansas

9-14-21E

Well #1
Farm: Eisele
Douglas County, Kansas
Lease Owner: Town Oil Co.

WELL LOG (cont'd)

Thickness of Strata	Formation	Total Depth
2	Sand	660
6	Sandy shale	666
44	Shale	710
4	Shale	716
14	Sand	730
5	Shale	735
41	Shale	776
1	Lime	777
8	Shale	785
2	Shale	787
10	Sand	797
21	Shale	818
5	Dk. shale	823
4	Dk. shale	827
5	Coal/Slate	832
2	Shale	834
14	Sand	848
4	Shale	852
3	Shale	855
2	Dk. shale	857
3	Shale	860 TD

STATE

SEP 8 1987

RECEIVED
STATE CORPORATION COMMISSION

SEP 18 1987

CONSERVATION DIVISION
Wichita, Kansas