

Douglas County, KS
Well: Pearson 39
Lease Owner: RT. Enterprises

Town Oilfield Service, Inc.
(913) 837-8400

Commenced Spudding:
2/25/15

WELL LOG

Thickness of Strata	Formation	Total Depth
0 - 9	Soil - Clay	9
71	Sand	80
113	Shale	193
5	Lime	198
6	Shale	204
14	Lime	218
8	Shale	226
9	Lime	235
22	Shale	257
15	Shale	272
19	Sand & Sandy Shale	291
18	Lime	309
4	Shale	313
13	Sand & Sandy Shale	326
58	Shale	384
22	Lime	406
13	Shale	419
5	Shale & Lime	424
6	Lime	430
23	Shale	453
15	Lime	468
6	Shale	474
1	Lime	475
14	Shale	489
8	Lime	497
3	Shale	500
13	Lime	513
8	Shale	521
22	Lime	543
4	Shale	547
5	Lime	552
3	Shale	555
6	Lime	561
5	Shale	566
14	Lime	580
102	Shale	682
11	Sand	693
42	Shale	735
6	Lime	741
19	Shale	760

Short Cuts

TANK CAPACITY

BBLs. (42 gal.) equals $D^2 \times 14xh$
D equals diameter in feet.
h equals height in feet.

BARRELS PER DAY

Multiply gals. per minute x 34.2,

HP equals BPH x PSI x .0004

BPH - barrels per hour

PSI - pounds square inch

TO FIGURE PUMP DRIVES

- * D - Diameter of Pump Sheave
- * d - Diameter of Engine Sheave
- SPM - Strokes per minute
- RPM - Engine Speed
- R - Gear Box Ratio
- * C - Shaft Center Distance

D - $RPM \times d$ over $SPM \times R$

d - $SPM \times R \times D$ over RPM

SPM - $RPM \times D$ over $R \times d$

R - $RPM \times D$ over $SPM \times d$

BELT LENGTH - $2C + 1.57(D + d) + \frac{(D-d)^2}{4C}$

* Need these to figure belt length

TO FIGURE AMPS: $\frac{WATTS}{VOLTS} = AMPS$

746 WATTS equal 1 HP

Log Book

Well No. 39

Farm Pearson

KS Douglas
(State) (County)

11 15 20
(Section) (Township) (Range)

For R.T. Enterprises
(Well Owner)

Town Oilfield Services, Inc.

1207 N. 1st East

Louisburg, KS 66053

913-710-5400

Thickness of Strata	Formation	Total Depth	Remarks
0-9	soil - clay	9	
71	sand	80	water 40'
113	shale	193	
5	lime	198	
6	shale	204	
14	lime	218	
8	shale	226	
9	lime	235	
22	shale	257	shells
15	shale	272	
19	sand & ^{sand} shells	291	no oil
18	lime	309	
4	shale	313	
13	sand & sand-shale	326	no oil
58	shale	384	
22	lime	406	
13	shale	419	
5	shale & lime	424	
6	lime	430	
23	shale	453	
15	lime	468	
6	shale	474	
1	lime	475	
14	shale	489	
8	lime	497	495 - oil odor
3	shale	500	
13	lime	513	

513

Thickness of Strata	Formation	Total Depth	Remarks
8	Shale	521	
22	Lime	543	
4	Shale	547	
5	Lime	552	
3	Shale	555	
6	Lime	561	Heath
5	Shale	566	
14	Sand	580	no Oil
102	Shale	682	
11	Sand	693	no Oil
42	Shale	735	
6	Lime	741	
19	Shale	760	
11	Shale & Lime	771	
10	Shale	781	
3	Lime	784	
17	Shale	801	sandy
4	Lime	805	
22	Shale	827	
1	Lime	828	
8	Shale	836	
13	Sandy shale	849	
2	Sand	851	broken - 50% Oil good show
3	Sand	854	solid - good show
1	Sand	855	very little Oil
2	Sand	857	no Oil
14	Sandy shale	871	

