

Douglas County, KS
 Well: Finnerty 33
 Lease Owner: R.T.

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

Commenced Spudding:
 12/17/2013

WELL LOG

Thickness of Strata	Formation	Total Depth
0-20	soil/clay	20
40	sand	60
110	shale	170
5	lime	175
6	shale	181
18	lime	196
7	shale	203
9	lime	212
24	shale	236
222	shale and redfed	258
10	sand and sandy shale	268
18	lime	286
14	shale	300
60	shale	360
23	lime	383
14	shale	397
11	lime	408
21	shale	424
4	sand	433
14	lime	447
6	shale	453
1	lime	454
13	shale	467
23	lime	490
9	shale	499
23	lime	522
4	shale	526
4	lime	530
4	shale	534
5	lime	539
8	shale	547
13	sand	560
97	shale	657
18	sand	675
36	shale	711
6	lime	717
7	shale	724
6	lime	730
26	shale and lime	756
3	lime	759

Short Cuts

TANK CAPACITY

BBLS. (42 gal.) equals $D^2 \times 14 \times h$
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. 33

Farm Finnerly

KS
(State)

Douglas
(County)

11
(Section)

15
(Township)

20
(Range)

For R.T. Enterprises
(Well Owner)

Town Oilfield Services, Inc.

1207 N. 1st East

Louisburg, KS 66053

913-710-5400

Finnerly Farm: Douglas County

KS State; Well No. 33

Elevation 1053

Commenced Spuding Dec 17 2013

Finished Drilling Dec 18 2013

Driller's Name Wasley Dallard

Driller's Name

Driller's Name

Tool Dresser's Name Greg Perry

Tool Dresser's Name Ryan Ward

Tool Dresser's Name

Contractor's Name TOS

11 15 20

(Section) (Township) (Range) Distance from S line, 835 ft.

Distance from E line, 840 ft.

9 hrs

CASING AND TUBING RECORD

10" Set _____ 10" Pulled _____

8" Set _____ 8" Pulled _____

7 1/4" Set 92 6 1/4" Pulled _____

4" Set _____ 4" Pulled _____

2" Set _____ 2" Pulled _____

CASING AND TUBING MEASUREMENTS

Table with columns for Feet and In. for three different casing/tubing sections. Handwritten entries include '900.50', 'Baffle', '932-', 'Float', and '2 7/8'.

Thickness of Strata	Formation	Total Depth	Remarks
0-20	silt-clay	20	
40	sand	60	water
110	shale	170	
5	lime	175	
6	shale	181	
15	lime	196	
7	shale	203	slate
9	lime	212	
24	shale	236	shells
22	shale & redbed	258	
10	sand & sandy shale	268	no oil
18	lime	286	
14	shale	300	some sand - no oil
60	shale	360	
23	lime	383	
14	shale	397	
11	lime	408	
21	shale	429	
4	sand	433	slight show
14	lime	447	
6	shale	453	
1	lime	454	
13	shale	467	
23	lime	490	473 - Oil
9	shale	499	
23	lime	522	
4	shale	526	

526

Thickness of Strata	Formation	Total Depth	Remarks
4	Lime	530	
4	Shale	534	
5	Lime	539	Heithg
8	Shale	547	
13	sand	560	no Oil
97	shale	657	
18	sand	675	no Oil
36	shale	711	
6	Lime	717	
7	Shale	724	
6	Lime	730	
26	Shale & Lime	756	
3	Lime	759	
1	Shale	760	
7	sandy Lime	767	
3	Shale	770	
10	Lime	780	
20	Shale	800	red bed
4	Lime	804	
4	Shale	808	
2	sand	810	odor - no show
4	sand	814	broken - good Oil
46	sand	860	solid - good Oil
100	Shale	960	TD

