

Anderson County, KS

Town Oilfield Service, Inc.

Commenced Spudding:

Well: Poss 48

(913) 837-8400

9/6/2013

Lease Owner: R.T. Enterprises

WELL LOG

Thickness of Strata	Formation	Total Depth
20	Soil-Clay	20
50	Shale	70
28	Lime	98
19	Shale	117
2	Lime	119
46	Shale	165
6	Lime	171
5	Lime	176
7	Shale	183
35	Lime	218
9	Shale	227
22	Lime	249
6	Shale	255
15	Lime	270
5	Shale	275
25	Sandy Shale	300
3	Sand	303
9	Shale	312
4	Sand	316
69	Shale	385
17	Shale	402
6	Sand	408
4	Sandy Shale	412
28	Shale	440
2	Lime	442
3	Shale	445
2	Lime	447
3	Shale	450
10	Lime	460
10	Shale	470
5	Sand	475
19	Sandy Shale	494
4	Sand	498
5	Sandy Shale	503
3	Shale	506
2	Coal	508
7	Lime	515
3	Shale	518
3	Lime	521
7	Shale	528

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 $BPH \times PSI \times .0004$

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. 48

Farm Poss

KS Anderson
(State) (County)

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

For R.T. Enterprises
(Well Owner)

Town Oilfield Services, Inc.

1207 N. 1st East
Louisburg, KS 66053
913-710-5400

Pass Farm: Auderson County

KS State; Well No. 48

Elevation 948

Commenced Spuding 9-6 20 13

Finished Drilling 9-10 20 13

Driller's Name Arvid Waever

Driller's Name _____

Driller's Name _____

Tool Dresser's Name Brandon Stone

Tool Dresser's Name Colt Holmberg

Tool Dresser's Name _____

Contractor's Name JDS

11 20 20

(Section) (Township) (Range)

Distance from S line, 346.5 ft.

Distance from E line, 445.5 ft.

3 - Sacks
**CASING AND TUBING
RECORD**

10" Set _____ 10" Pulled _____

~~7 1/8~~" Set 23' 8" Pulled _____

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

4" Set _____ 4" Pulled _____

2 7/8" Set 730.35 2" Pulled _____

698.95 Baffle

960 TD

Thickness of Strata	Formation	Total Depth	Remarks
20	soil / clay	20	
50	Shale	70	
28	Lime	98	
19	Shale	117	WATER
2	Lime	119	
46	Shale	165	
6	Lime Seams	171	
5	Lime	176	
7	Shale	183	
35	Lime	218	
9	Shale	227	
22	Lime	249	
6	Shale	255	
15	Lime	270	Hard Shale
5	Shale	275	
25	Sandy Shale	300	
3	Sand	303	NO ODR, NO OIL
9	Shale	312	
4	Sand	316	Good ODR
69	Shale - Sandy	385	
17	Shale	402	
6	Sand	408	Good ODR, PERENT BLEED
4	Sandy Shale	412	
28	Shale	440	
2	Lime	442	
3	Shale	445	
2	Lime	447	

Thickness of Strata	Formation	Total Depth	Remarks
		447	
3	Shale	450	
10	Lime	460	
10	Shale	470	
5	Sand	475	
19	Sandy Shale	494	
4	Sand	498	Coal over, DECENT BLEED
5	crumbly shale	503	
3	shale	506	
2	coal	508	
7	Lime	515	
3	shale	518	
3	Lime	521	
7	shale	528	
4	Lime	532	
22	shale	554	
10	Lime	564	
21	shale	585	with some lime seams
2	coal	587	
10	Lime	597	
4	shale	601	
1	Lime	602	
	shale	610	
4	sand	614	grey, no oil
8	sand	622	no oil
2	Broken sand	624	no oil
15	sand	639	no oil
3	Broken sand	642	no oil

