

Franklin County, KS
Well: Coons 30
Lease Owner: JBM Oil

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

Commenced Spudding:
07/02/2014

WELL LOG

Thickness of Strata	Formation	Total Depth
0-18	soil/clay	18
20	shale	38
5	lime	43
5	shale	48
15	lime	63
9	shale	72
10	lime	82
4	shale	86
19	lime	105
42	shale	147
21	lime	168
78	shale	246
22	lime	268
2	shale	270
2	lime	272
16	shale	288
4	lime	292
23	shale	315
2	lime	317
20	shale	337
2	lime	339
12	shale	351
8	lime	359
4	shale	363
12	lime	375
8	shale	383
23	lime	406
4	shale	410
3	lime	413
5	shale	418
6	lime	424
120	shale	544
2	sand	546
8	sand	554
1	sand	555
47	shale	602
7	lime	609
8	shale	617
5	lime	622

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 $BPH \times PSI \times .0004$

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. 30

Farm Coons

KS
(State) (County)

(Section) (Township) (Range)

For JBM Oil
(Well Owner)

Town Oilfield Services, Inc.

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

Thickness of Strata	Formation	Total Depth	Remarks
0-18	soil-clay	18	
20	shale	38	
5	lime	43	
5	shale	48	
15	lime	63	
9	shale	72	
10	lime	82	
4	shale	86	
19	lime	105	
42	shale	147	shells
21	lime	168	
78	shale	246	
22	lime	268	
2	shale	270	
2	lime	272	
10	shale	282	
4	lime	286	
23	shale	315	
2	lime	317	
20	shale	337	
2	lime	339	
12	shale	351	
8	lime	359	
4	shale	363	
12	lime	375	
8	shale	383	
23	lime	406	

406

Thickness of Strata	Formation	Total Depth	Remarks
4	Shale	410	
3	Lime	413	
5	Shale	418	
6	Lime	424	Hertha
120	Shale	544	
2	Sand	546	no oil
8	sand	554	color - no show
1	sand	555	odor - no show
47	Shale	602	
7	Lime	609	
8	Shale	617	
5	Lime	622	
25	Shale	647	
2	Lime	649	
19	Shale	668	
4	Lime	672	
15	Shale	687	
2	Lime	689	
4	Shale	693	
7	sandy shale	700	
3	Sand	703	no oil
6	sand	709	broken - 50% oil
3	sand	712	broken - good saturation
9	sand	721	solid - good saturation
3	sandy lime	724	no oil
10	sand	734	solid - good saturation
8	sand	742	broken - good oil

Town Oilfield Service

P.O Box 339 Louisburg, Ks 66053
913-837-8400

Ticket Number _____
Location _____
Foreman _____

Field Ticket & Treatment Report Cement

Date	Customer#	Well Name & Number	Section	Township	Range	County
7-3-14	J13M	COONS 30	32	15	21	FR
Customer		Mailing Address				
		City	State	Zip Code		

Job Type long string Hole Size 5 5/8 Hole Depth 800 Casing Size & Weight 2 7/8
Casing Depth 769.5 Drill Pipe _____ Tubing _____ Other _____
Displacement 4.6 Displacement PSI 800 Mix PSI 200 Rate 4 BPM

Remarks _____

Account Code	Quantity or Units	Description of Services or Product	Unit Price	Total
		Pump Charge	800	800
		Cement Truck		250
		Water Truck		150
	126	Cement <u>Class A</u>	10.50	1323
		Gel		
		Plug		25
			Sales Tax	
				Estimated Total <u>2548</u>

Authorization  Title _____ Date 7-3-14

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.