

Miami County, KS
Well: Alice Kuhn I-4
Lease Owner: Triple T Oil

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

Commenced Spudding:
4-15-2015

WELL LOG

Thickness of Strata	Formation	Total Depth
0 - 6	Soil - Clay	6
6	Lime	12
5	Shale	17
17	Lime	34
21	Shale	55
23	Lime	78
65	Shale	143
19	Lime	162
11	Shale	173
9	Lime	182
33	Shale	215
4	Lime	219
37	Shale	256
11	Lime	267
17	Shale	284
25	Lime	309
7	Shale	316
20	Lime	336
3	Shale	339
3	Lime	342
2	Shale	344
11	Lime	355
10	Shale	365
3	Sand	368
12	Shale	380
25	Sandy Shale	405
76	Shale	481
2	Sand	483
54	Shale	537
5	Lime	542
5	Shale	547
10	Lime	557
4	Shale	561
2	Lime	563
13	Shale	576
4	Lime	580
6	Sand	586
14	Shale	600
4	Lime	604
10	Shale	614

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th

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. I-4

Farm Alice Kahn

KS Miami
(State) (County)

19 CG 24
(Section) (Township) (Range)

For T T T
(Well Owner)

**Town Oilfield
Services, Inc.**
1207 N. 1st East
Louisburg, KS 66053
913-710-5400

Thickness of Strata	Formation	Total Depth	Remarks
6	soil & clay	6	
6	lime	12	
5	shale	17	
17	lime	34	
21	shale	55	
23	lime	78	
65	shale	143	
19	lime	162	
11	shale	173	
9	lime	182	
33	shale	215	
4	lime	219	
37	shale	256	
11	lime	267	
17	shale	284	
25	lime	309	Winterset
7	shale	316	
20	lime	336	Bothway Falls
3	shale	339	
3	lime	342	VC
2	shale	344	
11	lime	355	Hertha
10	shale	365	
3	sand	368	odor, slight bleed
12	shale	380	
25	sandy shale	405	Bleed, No odor, grey
76	shale	481	

481

Thickness of Strata	Formation	Total Depth	Remarks
2	Sand	483	Slight show
54	Shale	537	
5	Lime	542	
5	Shale	547	
10	Lime	557	
4	Shale	561	
2	Lime	563	
13	Shale	576	
4	Lime	580	
6	Sand	586	Slight bleed
14	Shale	600	
4	Lime	604	
10	Shale	614	
4	Lime	618	
5	Shale	623	
9	Lime	632	
8	Shale	640	
1	Lime	641	
7	Shale	648	
6	Lime	654	
6	Shale	660	
2	Lime	662	
18	Shale	680	
2	Sand	682	No oil
22	Shale	704	
1	Sand	705	Top, 10% oil
B	Sand	710	50% +

710

Thickness of Strata	Formation	Total Depth	Remarks
2	Sand	712	20-30% 01'
6	Sandy Shale	718	
62	Shale	780	ID

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
4-16-15		Alice Kubro I-4	19	16	24	MZ
Customer Triple T			Mailing Address			
			City	State	Zip Code	

Job Type long string Hole Size 5 5/8 Hole Depth 780 Casing Size & Weight 2 3/8
 Casing Depth 728 Drill Pipe _____ Tubing _____ Other _____
 Displacement 4.6 Displacement PSI 500 Mix PSI 350 Rate 6 BPM

Remarks _____

Account Code	Quantity or Units	Description of Services or Product	Unit Price	Total
		Pump Charge		700
		Cement Truck		250
		Water Truck		150
	140	Cement	8	1120
		Gel		
		Plug		25
			Sales Tax	
Estimated Total				2245

Authorization [Signature] Title _____ Date _____

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.