

Miami County, KS
 Well: Barkis T-2
 Lease Owner: Triple T Oil

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

Commenced Spudding:
 3-17-2015

WELL LOG

Thickness of Strata	Formation	Total Depth
0 - 10	Soil - Clay	10
3	Lime	13
9	Shale	22
12	Lime	34
72	Shale	106
19	Lime	125
12	Shale	137
10	Lime	147
13	Sandy Shale	160
19	Shale	179
4	Lime	183
39	Shale	222
11	Lime	233
15	Shale	248
25	Lime	273
7	Shale	280
20	Lime	300
4	Shale	304
2	Lime	306
5	Shale	311
9	Lime	320
12	Shale	332
2	Sand	334
1	Sand	335
3	Sand	338
11	Shale	349
7	Sandy Shale	356
4	Sand	360
1	Limey Sand	361
3	Sand	364
3	Sand	367
33	Sandy Shale	400
113	Shale	513
2	Lime	515
3	Shale	518
6	Lime	524
5	Shale	529
6	Lime	535
20	Shale	555
3	Lime	558

Short Cuts

TANK CAPACITY

B.BLS. (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. T-2

Farm Barkis

KS Miami
(State) (County)

17 16 24
(Section) (Township) (Range)

For Triple T Oil
(Well Owner)

Town Oilfield Services, Inc.

1207 N. 1st East

Louisburg, KS 66053

913-710-5400

Barkis Farm: Miami County
 KS State; Well No. T-2

Elevation 1059

Commenced Spuding 3-17 20 15

Finished Drilling 3-23 20 15

Driller's Name Wesley Dollard

Driller's Name

Driller's Name

Tool Dresser's Name Ryan Ward

Tool Dresser's Name Stephen Scott

Tool Dresser's Name

Contractor's Name TOS

17 16 24

(Section) (Township) (Range)

Distance from S line, 4090 ft.

Distance from E line, 4750 ft.

4 sacks

1 core

10 hrs

5 7/8 bore hole

2 7/8 casing

CASING AND TUBING RECORD

10" Set _____ 10" Pulled _____

8" Set _____ 8" Pulled _____

7 1/2" Set 18 6 1/4" Pulled _____

4" Set _____ 4" Pulled _____

2" Set _____ 2" Pulled _____

CASING AND TUBING MEASUREMENTS

Feet	In.	Feet	In.	Feet	In.
703.	80	Baffle			
731.	95	Flock		27 1/8	
760	TD				

Thickness of Strata	Formation	Total Depth	Remarks
0-10	Soil-clay	10	
3	Lime	13	
9	Shale	22	
12	Lime	34	
72	Shale	106	
19	Lime	125	
12	Shale	137	
10	Lime	147	
13	sandy shale	160	
19	Shale	179	red bed
4	Lime	183	
39	Shale	222	
11	Lime	233	
15	Shale	248	
25	Lime	273	
7	Shale	280	
20	Lime	300	
4	shale	304	
2	Lime	306	
5	Shale	311	
9	Lime	320	Hertha
12	Shale	332	
2	Sand	334	no oil - odor
1	Sand	335	solid oil
3	sand	338	broken - good show
11	Shale	349	
7	sandy shale	356	

356

Thickness of Strata	Formation	Total Depth	Remarks
4	sand	360	solid - good saturation
1	limy sand	361	no Oil
3	sand	364	solid - good saturation
3	sand	367	no Oil
33	sandy shale	400	
113	shale	513	
2	lime	515	
3	shale	518	
6	lime	524	
5	shale	529	
6	lime	535	
20	shale	555	
3	lime	558	
10	shale	568	
3	lime	571	
9	shale	580	
6	lime	586	
72	shale	658	
1	sand	659	broken Oil
20	core	679	page 6
5	sandy shale	684	
76	shale	760	TD

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
3-23-15		Bark's T-2	17	16	24	MI
Customer		Mailing Address				
		City	State	Zip Code		

Job Type Long String Hole Size 5 5/8 Hole Depth 760 Casing Size & Weight _____
 Casing Depth 731 Drill Pipe _____ Tubing _____ Other _____
 Displacement 4.4 Displacement PSI 250 Mix PSI 300 Rate 5 BPM

Remarks _____

Account Code	Quantity or Units	Description of Services or Product	Unit Price	Total
		Pump Charge		700
		Cement Truck		250
		Water Truck		150
	<u>112</u>	Cement	<u>8</u>	896
		Gel		
		Plug		25
			Sales Tax	
			Estimated Total	<u>2021</u>

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.