

Miami County, KS
 Well: Snouffer I-4
 Lease Owner: Triple T

Town Oilfield Service, Inc.
 (913) 294-2125

Commenced Spudding:
 12/8/16

WELL LOG

Thickness of Strata	Formation	Total Depth
0-20	Soil-Clay	20
14	Lime	34
9	Shale	43
3	Lime	46
20	Shale	66
14	Sand	80
7	Shale	87
16	Lime	103
15	Shale	118
12	Lime	1360
2	Shale	132
12	Lime	144
9	Shale	153
19	Lime	172
4	Shale	176
2	Lime	178
7	Shale	185
4	Lime	189
24	Shale	213
23	Sandy Shale	236
11	Shale	247
7	Sandy Shale	254
53	Shale	307
5	Sand	312
11	Shale	323
3	Lime	326
19	Shale	345
3	Lime	348
2	Sand	350
1	Shale	351
1	Limey Sand	352
3	Sandy Shale	355
1	Sand & Sandy Shale	356
7	Sand	363
3	Sand	366
2	Sand	368
1	Sand	369
1	Sand	370
8	Sand	378
8	Limey Sand	386

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 Snuffer

KS Miami
(State) (County)

29 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

Snowflor Farm: Miami County
KS State; Well No. I-4
 Elevation 425
 Commenced Spuding 12-8 20 16
 Finished Drilling 12-9 20 16
 Driller's Name Wesley Dollard
 Driller's Name _____
 Driller's Name _____
 Tool Dresser's Name Ryan Ward
 Tool Dresser's Name _____
 Tool Dresser's Name _____
 Contractor's Name TOS
29 16 24

(Section) (Township) (Range)
 Distance from S line, 1650 ft.
 Distance from E line, 4290 ft.

3 sacks
 8 hrs
 5 ⁷/₈ borehole
 2 ⁷/₈ casing

**CASING AND TUBING
 RECORD**

10" Set _____ 10" Pulled _____
 8" Set _____ 8" Pulled _____
 7 ¹/₂" Set 24 6 ¹/₂" Pulled _____
 4" Set _____ 4" Pulled _____
 2" Set _____ 2" Pulled _____

CASING AND TUBING MEASUREMENTS

Feet	In.	Feet	In.	Feet	In.
421-		Baffle			
452-		Flout			
480	TD		2	7	8

Thickness of Strata	Formation	Total Depth	Remarks
0-20	soil-clay	20	
17	Lime	34	
9	Shale	43	
3	Lime	46	
20	Shale	66	
14	Sand	80	broken - good oil show
7	Shale	87	
16	Lime	103	
15	Shale	118	
12	Lime	130	
2	Shale	132	
12	Lime	144	
9	Shale	153	
19	Lime	172	
4	Shale	176	
2	Lime	178	
7	Shale	185	
4	Lime	189	Hardly
24	Shale	213	
23	sandy shale	236	
11	Shale	247	
7	sandy shale	254	
53	Shale	307	
5	sand	312	broken - good oil show
11	Shale	323	
3	Lime	326	
19	Shale	345	

345

Thickness of Strata	Formation	Total Depth	Remarks
3	Lime	348	
2	Sand	350	no oil
1	Shale	351	
1	limy sand	352	no oil
3	Sandy shale	355	
1	sand & sandy shale	356	odor
7	sand	363	solid - OK oil show
3	sand	366	broken - good saturation
2	sand	368	no oil
1	sand	369	solid - good saturation
1	sand	370	no oil
8	sand	378	mostly solid - good saturation
8	limy sand	386	no oil
13	Shale	399	
5	Lime	404	
4	Shale	408	
6	Lime	414	
7	Shale	421	
8	Lime	429	
17	Shale	446	
4	Lime	450	
30	Shale	480	TD

Town Oilfield Service

PO Box 339 Louisburg, KS 66053
913-294-2125

Ticket # _____
Location _____
Foreman _____

Field Ticket & Treatment Report Cement

Date	Customer#	Well Name & Number	Section	Township	Range	County
12-9-16		Smoutter J-4	29	16	24	MI
Customer		Mailing Address				
City			State		Zip Code	

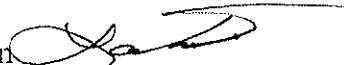
Job Type log string Hole Size 5 5/8 Hole Depth 480 Casing Size & Weight 2 7/8

Casing Depth 452 Drill Pipe _____ Tubing _____ Other _____

Displacement _____ Displacement PSI _____ Mix PSI _____ Rate _____

Remarks _____

Quantity or Units	Description of Service or Product	Unit Price	Total
	Pump Charge		400
	Cement Truck		150
	Water Truck		0
58	Cement	9	522
	Gel		
	Plug		25
Estimated Total:			1097

Authorization  Title _____ Date _____