

Miami County, KS  
Well: Snouffer AI-2  
Lease Owner: Triple T

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

Commenced Spudding:  
12/5/16

WELL LOG

Thickness of Strata	Formation	Total Depth
0-8	Soil-Clay	8
12	Lime	20
13	Shale	33
2	Lime	35
18	Shale	53
19	Sandy Shale	72
8	Shale	80
12	Lime	92
15	Shale	107
11	Lime	118
3	Shale	121
12	Lime	133
9	Shale	142
19	Lime	161
4	Shale	165
2	Lime	167
6	Shale	173
5	Lime	178
5	Shale	183
6	Sandy Shale	189
3	Sand	192
5	Sandy Shale	197
7	Shale	204
27	Sand	231
66	Shale	297
4	Sand	301
30	Shale	331
10	Sandy Shale	341
8	Sand	349
2	Sandy Lime	351
7	Sand	358
4	Sandy Lime	362
3	Sand	365
4	Sandy Lime	369
1	Sand	370
2	Sandy Lime	372
4	Sand & Sandy Shale	376
8	Sandy Lime	384
5	Shale	389
4	Lime	393



# 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. AI-2

Farm Snuffer

KS  
(State)

Miami  
(County)

29  
(Section)

16  
(Township)

24  
(Range)

For Triple T Oil  
(Well Owner)

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

Sacs 915 Farm: Miami County

KS State; Well No. AI-2

Elevation 915

Commenced Spuding 12-5 .20 16

Finished Drilling 12-6 .20 16

Driller's Name Wesley Dillard

Driller's Name \_\_\_\_\_

Driller's Name \_\_\_\_\_

Tool Dresser's Name Ryan Ward

Tool Dresser's Name \_\_\_\_\_

Tool Dresser's Name \_\_\_\_\_

Contractor's Name JOS

29 16 24

(Section) (Township) (Range)

Distance from S line, 2475 ft.

Distance from E line, 4455 ft.

4 sacks  
7.5 hrs  
5 7/8 borehole  
2 7/8 casing

### CASING AND TUBING RECORD

10" Set \_\_\_\_\_ 10" Pulled \_\_\_\_\_

8" Set \_\_\_\_\_ 8" Pulled \_\_\_\_\_

7 6/8" Set 24 \_\_\_\_\_ 6 3/4" Pulled \_\_\_\_\_

4" Set \_\_\_\_\_ 4" Pulled \_\_\_\_\_

2" Set \_\_\_\_\_ 2" Pulled \_\_\_\_\_

### CASING AND TUBING MEASUREMENTS

Feet	In.	Feet	In.	Feet	In.
<u>417.</u>	<u>7</u>	<u>Bell</u>	<u>1/8</u>		
<u>446.</u>	<u>7</u>	<u>Flow</u>			
<u>460</u>	<u>TD</u>	<u>2</u>	<u>7/8</u>		

Thickness of Strata	Formation	Total Depth	Remarks
3-8	soil-clay	8	
12	Lime	20	
13	Shale	33	
2	Lime	35	
18	Shale	53	
19	sandy shale	72	broken - good Oil Show
8	Shale	80	
12	Lime	92	
15	Shale	107	
11	Lime	118	
3	Shale	121	
12	Lime	133	
9	Shale	142	
19	Lime	161	
4	Shale	165	
2	Lime	167	
6	Shale	173	
5	Lime	178	Heather
5	Shale	183	
6	sandy shale	189	
3	sand	192	broken oil
5	sandy shale	197	
7	Shale	204	
27	sand	231	no Oil
66	Shale	297	
4	sand	301	slight show
30	Shale	331	

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Thickness of Strata	Formation	Total Depth	Remarks
	sandy shale	341	
8	sand	349	odor - no show
2	sandy lime	351	no oil
7	sand	358	solid - ok show
4	sandy lime	362	no oil
3	sand	365	broken - ok show
4	sandy lime	369	no oil
1	sand	370	solid - ok show
2	sandy lime	372	no oil
4	sand & sandy shale	376	good oil in sand
8	sandy lime	384	oil show
5	shale	389	
4	lime	393	
2	shale	395	
5	lime	400	
9	shale	409	coal
9	lime	418	
18	shale	436	
4	lime	440	
14	shale	454	
2	lime	456	
4	shale	460	T.D

# 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
12-6-16		Swather AI-2	29	14	24	MI
Customer Lester Town			Mailing Address			
			City	State	Zip Code	

Job Type long string Hole Size 5 5/8 Hole Depth 460 Casing Size & Weight 2 1/2  
 Casing Depth 446 Drill Pipe \_\_\_\_\_ Tubing \_\_\_\_\_ Other \_\_\_\_\_  
 Displacement \_\_\_\_\_ Displacement PSI \_\_\_\_\_ Mix PSI \_\_\_\_\_ Rate \_\_\_\_\_

Remarks \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Account Code	Quantity or Units	Description of Services or Product	Unit Price	Total
		Pump Charge		350
		Cement Truck		150
		Water Truck		0
	64	Cement	9	576
		Gel		
		Plug		25
			Sales Tax	
Estimated Total				1101

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.