

Miami County, KS
 Well: Schmitt # 36
 Lease Owner: R.T.

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

Commenced Spudding:
 11/29/16

WELL LOG

Thickness of Strata	Formation	Total Depth
0-12	Soil-Clay	13
15	Lime	28
22	Sand	50
14	Shale	64
5	Lime	69
33	Shale	102
15	Lime	117
11	Shale	128
26	Lime	154
7	Shale	161
21	Lime	182
4	Shale	186
3	Lime	189
3	Shale	192
9	Lime	201
8	Shale	209
6	Sandy Shale	215
10	Shale	225
10	Sand	235
45	Sandy Shale	280
33	Shale	313
3	Sand	316
4	Sand	320
30	Shale	350
14	Sand	364
3	Sand	367
2	Sandy Lime	369
25	Shale	394
8	Lime	402
8	Shale	410
5	Lime	415
11	Shale	426
8	Lime	434
14	Shale	448
4	Lime	452
11	Shale	463
5	Lime	468
19	Shale	487
3	Lime	490
4	Shale	494

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. 36

Farm Schmitt

KS
(State)

Miami
(County)

11
(Section)

17
(Township)

22
(Range)

For R.T. Enterprises
(Well Owner)

Town Oilfield Services, Inc.

1207 N. 1st East

Louisburg, KS 66053

913-710-5400

Schm: H Farm: Miam? County KS
 State; Well No. 36

Elevation 933

Commenced Spuding 11-29 20 16

Finished Drilling 11-30 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

11 17 22

(Section) (Township) (Range)
 Distance from S line, 2145 ft.

Distance from E line, 165 ft.

3 sacks

4 hrs

5 5/8 borehole

2 7/8 casing

CASING AND TUBING RECORD

10" Set _____ 10" Pulled _____
 8" Set _____ 8" Pulled _____
 7 5/8" Set 20 6 1/4" Pulled _____
 4" Set _____ 4" Pulled _____
 2" Set _____ 2" Pulled _____

CASING AND TUBING MEASUREMENTS

Feet	In.	Feet	In.	Feet	In.
672.40		Baffle			
705.05		Floater			
720 TD			2 7/8		

Thickness of Strata	Formation	Total Depth	Remarks
0-12	soil-clay	13	
15	Lime	28	
22	sand	50	no oil
14	shale	64	
5	Lime	69	
33	shale	102	
15	Lime	117	
11	shale	128	
26	Lime	154	
7	shale	161	
21	Lime	182	
4	shale	186	
3	Lime	189	
3	shale	192	
9	Lime	201	Mertha
8	shale	209	
6	sandy shale	215	
10	shale	225	
10	sand	235	no oil - water
45	sandy shale	280	
33	shale	313	
3	sand	316	no oil
4	sand	320	broken - slight show
30	shale	350	
14	sand	364	broken - slight show - limey
3	sand	367	solid - good saturation
2	sandy lime	369	slight show

369

Thickness of Strata	Formation	Total Depth	Remarks
25	Shale	394	
8	Lime	402	
8	Shale	410	
5	Lime	415	
11	Shale	426	coal
8	Lime	434	
14	Shale	448	
4	Lime	452	
11	Shale	463	
5	Lime	468	
19	Shale	487	
3	Lime	490	
4	Shale	494	
1	Lime	495	
16	Shale	511	
1	Lime	512	
18	Shale	530	
60	sandy shale	590	
16	Shale	606	
3	Sand	609	no oil
4	sand	613	broken - good oil show
6	sand	619	solid - good saturation
1	sand	620	mostly solid - good saturation
2	sand	622	no oil
2	sandy Lime	624	no oil
5	sandy shale	629	no oil
91	Shale	720	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
11-30-16		Schmitt #36	11	17	22	MI
Customer Ojenmc			Mailing Address			
			City	State	Zip Code	

Job Type long string Hole Size 5 5/8 Hole Depth 720 Casing Size & Weight _____
 Casing Depth 705 Drill Pipe _____ Tubing _____ Other _____
 Displacement 4.6 Displacement PSI 500 Mix PSI 600 Rate 6 BPM

Remarks _____

Account Code	Quantity or Units	Description of Services or Product	Unit Price	Total
	1	Pump Charge	600	600
	1	Cement Truck	250	250
	1	Water Truck	150	150
	92	Cement	9.5	874
		Gel		
	1	Plug	25	25
			Sales Tax	
				Estimated Total

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.