

Miami County, KS  
Well: Schmitt 59  
Lease Owner: R.T. Enterprises

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

Commenced Spudding:  
10/29/2018

WELL LOG

Thickness of Strata	Formation	Total Depth
0-23	Soil-Clay	23
16	Lime	39
4	Shale	43
22	Sand	65 No Oil
13	Shale	78
6	Lime	84
32	Shale	116
15	Lime	131
11	Shale	142
26	Lime	168
7	Shale	175
22	Lime	197
4	Shale	201
3	Lime	204
6	Shale	210
5	Lime	215 Hertha
25	Shale	240
17	Sand	257 No oil
33	Sandy Shale	290
38	Shale	328
6	Sand	334 Gas
2	Sandy Shale	336
23	Shale	359
26	Sand	385 Broken-slight oil show
17	Shale	402
8	Lime	410
7	Shale	417
2	Lime	419
19	Shale	438
10	Lime	448
12	Shale	460
3	Lime	463
14	Shale	477
5	Lime	482
16	Shale	498
5	Lime	503
13	Shale	516
1	Lime	517
87	Shale	604
1	Lime	605



# Short Cuts

## TANK CAPACITY

BBLS. (42 gal.) equals  $D^2 \times .14xh$

D equals diameter in feet.

h equals height in feet.

## BARRELS PER DAY

Multiply gals. per minute x 34.2

HP equals BPH x PSI x .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 - RPMxd over SPMxR

d - SPMxRxD over RPM

SPM - RPMXD over RxD

R - RPMXD over SPMxD

$$\text{BELT LENGTH} = 2C + 1.57(D + d) + \frac{(D-d)^2}{4C}$$

\* Need these to figure belt length

$$\frac{\text{WATTS}}{\text{VOLTS}} = \text{AMPS}$$

TO FIGURE AMPS:

746 WATTS equal 1 HP

# Log Book

Well No. 59

Farm Schmitt

KS  
(State)

Miami  
(County)

11  
(Section)

17  
(Township)

22  
(Range)

For R. T. Enterprises

(Well Owner)



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17	sand	257	no oil
33	sandy shale	290	
38	shale	328	
6	sand	334	gas
2	sandy shale	336	
23	shale	359	
26	sand	385	broken - slight oil show
17	shale	402	
8	lime	410	
7	shale	417	

417

Thickness of Strata	Formation	Total Depth	Remarks
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19	Shale	438	
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5	Lime	503	
13	Shale	516	
1	Lime	517	
87	Shale	604	
1	Lime	605	
3	Shale	608	
1	Lime	609	
6	Shale	615	
1	Lime	616	
5	Shale	621	
5	sand	626	broken - odor - no oil show
5	shale	631	
2	sand	633	broken - good oil show
5	sand	638	solid - good saturation
10	sand	648	no oil
72	shale	720	TD



PRESSURE PUMPING LLC  
PO Box 884, Chanute, KS 66720  
620-431-9218 or 800-467-8678

11922  
11802

TICKET NUMBER 55520  
LOCATION Ottawa, KS  
FOREMAN Casoy Kennedy

FIELD TICKET & TREATMENT REPORT  
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10/31/18	5954	Schnitt # 59	SE 11	17	22	MI
CUSTOMER L+L Energy c/o Ojuroc Energy LLC			TRUCK #			
MAILING ADDRESS 120 Shoreline Dr			DRIVER			
CITY Louisburg			TRUCK #			
STATE KS			DRIVER			
ZIP CODE 66053			TRUCK #			
			DRIVER			

JOB TYPE log string HOLE SIZE 6 3/4" HOLE DEPTH 720' CASING SIZE & WEIGHT 4 1/2"  
CASING DEPTH 700' DRILL PIPE \_\_\_\_\_ FUBING bottle - 670' OTHER \_\_\_\_\_  
SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT IN CASING 30'  
DISPLACEMENT 10.69 bbls DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4 bpm

REMARKS: held safety meeting, established circulation, mixed & pumped 200 #  
Gel followed by 5 bbls fresh water, mixed & pumped 4 bbls dye marker,  
mixed & pumped 102 sks Pozblend 1A cement w/ 2% gel per sk,  
dye marker to surface, flushed pump clean, pumped 4 1/2" rubber plug to  
bottle w/ 10.69 bbls fresh water, cement to surface, pressured to 800 PSI,  
released pressure to set ball & spring float shoe.

*GA*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0450	1	PUMP CHARGE	1500.00	
CE0002	25 mi	MILEAGE	178.75	
CE0711	1/2 min	ton mileage	330.00	
WE0853	1.5 hrs	80 lhr	150.00	
		trucks	2158.75	
		- 40%	863.50	
		subtotal		1295.25
18528 CC5840	102 sks	Pozblend 1A cement	1377.00	
CC5965	371	Ge	111.30	
CP8178	1	4 1/2" rubber plug	75.00	
		materials	1563.90	
		- 40%	1025.32	
		subtotal		957.98
		8%	SALES TAX	75.04
		ESTIMATED TOTAL		2308.27
				3847.11

AUTHORIZATION No Co Rep 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.