

Miami County, KS
 Well: Schmitt I-55
 Lease Owner: R.T. Enterprises

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

Commenced Spudding:
 10/30/2018

WELL LOG

Thickness of Strata	Formation	Total Depth
0-25	Soil-Clay	25
7	Shale	32
18	Lime	50
2	Shale	52
22	Sand	74
13	Shale	87
6	Lime	93
33	Shale	126
15	Lime	141
11	Shale	152
27	Lime	179
10	Shale	189
17	Lime	206
3	Shale	209
3	Lime	212
2	Shale	214
10	Lime	224 Hertha
23	Shale	247
30	Sand	277 No oil
59	Shale	336
8	Sand	344 Gas
25	Shale	369
25	Sand	394 Broken-slight oil show
16	Shale	410
8	Lime	418
29	Shale	447
9	Lime	456
13	Shale	469
4	Lime	473
13	Shale	486
5	Lime	491
16	Shale	507
5	Lime	512
13	Shale	525
1	Lime	526
96	Shale	622
1	Lime	623
6	Shale	629
13	Sand	642 Broken - good Oil show
78	Shale	720 TD

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 - $RPM \times d$ 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-55

Farm Schmitt

KS
(State)

Miami
(County)

11
(Section)

17
(Township)

22
(Range)

For R.T. Enterprises
(Well Owner)

Schmitt Farm: Miami County

KS State: Well No. I-55

Elevation 964 Commenced Spuding 10-30 20 18

Finished Drilling 10-31 20 18

Driller's Name Wesley Ballard

Driller's Name Ryan Ward

Driller's Name

Tool Dresser's Name

Tool Dresser's Name

Tool Dresser's Name

Contractor's Name TOR

11 17 22

(Section) (Township) (Range)
 Distance from S line, 990 ft.
 Distance from E line, 330 ft.

4 sacks
 8 hrs
 5 7/8 borehole
 2 1/8 casing

CASING AND TUBING RECORD

10" Set _____ 10" Pulled _____
 8" Set _____ 8" Pulled _____
 6 1/2" Set _____ 6 1/2" Pulled _____
 4" Set _____ 4" Pulled _____
 2" Set 683-2 2" Pulled _____

CASING AND TUBING MEASUREMENTS

Feet	In.	Feet	In.	Feet	In.
683.2		Ball	18		
714		Percent		2 1/8	
720		TD			

Thickness of Strata	Formation	Total Depth	Remarks
0-25	soil-clay	25	
7	shale	32	
18	lime	50	
2	shale	52	
22	sand	74	
13	shale	87	no oil
6	lime	93	
33	shale	126	
15	lime	141	
11	shale	152	
27	lime	179	
10	shale	189	
17	lime	206	
3	shale	209	
3	lime	212	
2	shale	214	
10	lime	224	Hardly
23	shale	247	
30	sand	277	no oil
59	shale	336	
8	sand	344	gas
25	shale	369	
25	sand	394	broken - slight oil show
16	shale	410	
8	lime	418	
29	shale	447	
9	lime	456	

Thickness of Strata	Formation	Total Depth	Remarks
13	Shale	4169	
4	Lime	473	
13	Shale	486	
5	Lime	491	
10	Shale	507	
5	Lime	512	
13	Shale	525	
1	Lime	526	
96	Shale	622	
1	Lime	623	
6	Shale	629	
13	Sand	642	broken - good Oil shows
76	shale	720	TD

456



PRESSURE PUMPING LLC
 PO Box 884, Chanute, KS 66720
 620-431-9219 or 800-467-8676

11923
 11803

TICKET NUMBER 55521
 LOCATION Ottawa, KS
 FOREMAN Casey Kennedy

FIELD TICKET & TREATMENT REPORT
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10/31/18	5954	Schmitt # I-55	SE 11	17	22	M1
CUSTOMER L+L Energy c/o Ojeuroc Energy LLC			TRUCK # DRIVER TRUCK # DRIVER			
MAILING ADDRESS 120 Shoreline Dr			729 Car Ken ✓ Safety Meeting			
CITY STATE ZIP CODE Louisburg KS 66053			467 Kei Bar ✓			
			548 Har Bar ✓			
			675 Kei Det ✓			

JOB TYPE Long String HOLE SIZE 5 5/8" HOLE DEPTH 720' CASING SIZE & WEIGHT 2 1/8" EVE
 CASING DEPTH 712' DRILL PIPE _____ TUBING baffle - 682' OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT IN CASING 30'
 DISPLACEMENT 3.25 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 100 sks Portland IA cement w/ 2% gel per sk, cement to surface, flushed pump clean, pumped 2 1/8" rubber plug to baffle w/ 3.25 bbls fresh water, pressured to 800 PSI, well held pressure for 30 min MIT, released pressure to set float valve.

Handwritten signature/initials

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0450	1	PUMP CHARGE	150.00	
CE0002	—	MILEAGE	—	
CE0711	1/2 min	ton mileage	330.00	
WE0853	1.5 hrs	80 Vac	150.00	
		trucks	1980.00	
		-40%	792.00	
		Subtotal		1188.00
CC5840	102 sks	Portland IA cement	1377.00	
CC591A5	371 #	Gel	111.20	
CP8176	1	2 1/8" rubber plug	45.00	
		materials	1533.30	
		-40%	613.32	
		Subtotal		919.95
		8%		
		SALES TAX		73.60
		ESTIMATED TOTAL		2181.58

Revised 3/27 AUTHORIZATION No Co Rep TITLE _____ DATE (3635.96)

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.