



KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

1103134

Form ACO-1

June 2009

**Form Must Be Typed**  
**Form must be Signed**  
**All blanks must be Filled**

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- ☐ New Well ☐ Re-Entry ☐ Workover
- ☐ Oil ☐ WSW ☐ SWD ☐ SIOW
- ☐ Gas ☐ D&A ☐ ENHR ☐ SIGW
- ☐ OG ☐ GSW ☐ Temp. Abd.
- ☐ CM (Coal Bed Methane)
- ☐ Cathodic ☐ Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- ☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD
- ☐ Conv. to GSW
- ☐ Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- ☐ Commingled Permit #: \_\_\_\_\_
- ☐ Dual Completion Permit #: \_\_\_\_\_
- ☐ SWD Permit #: \_\_\_\_\_
- ☐ ENHR Permit #: \_\_\_\_\_
- ☐ GSW Permit #: \_\_\_\_\_

Spud Date or  
Recompletion Date

Date Reached TD

Completion Date or  
Recompletion Date

API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_- Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_ ☐ East ☐ West

\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_- Feet from ☐ North / ☐ South Line of Section

\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_- Feet from ☐ East / ☐ West Line of Section

Footages Calculated from Nearest Outside Section Corner:

☐ NE ☐ NW ☐ SE ☐ SW

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used? ☐ Yes ☐ No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_ ☐ East ☐ West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**AFFIDAVIT**

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

**KCC Office Use ONLY**

☐ Letter of Confidentiality Received

Date: \_\_\_\_\_

☐ Confidential Release Date: \_\_\_\_\_

☐ Wireline Log Received

☐ Geologist Report Received

☐ UIC Distribution

ALT ☐ I ☐ II ☐ III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

1103134

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_ ☐ East ☐ West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken ☐ Yes ☐ No  
(Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☐ No

Cores Taken ☐ Yes ☐ No

Electric Log Run ☐ Yes ☐ No

Electric Log Submitted Electronically ☐ Yes ☐ No  
(If no, Submit Copy)

List All E. Logs Run:

☐ Log Formation (Top), Depth and Datum ☐ Sample  
Name Top Datum

CASING RECORD ☐ New ☐ Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

## ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
____ Perforate				
____ Protect Casing				
____ Plug Back TD				
____ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. (Submit ACO-5) <input type="checkbox"/> Commingled (Submit ACO-4) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Franklin County, KS  
Well: W. Lidikay 75  
Lease Owner: L L

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

Commenced Spudding:  
11/21/2012

WELL LOG

15-059-26280-00-00

Thickness of Strata	Formation	Total Depth
18	Soil-Clay	18
8	Lime	26
2	Shale	28
17	Lime	45
7	Shale	52
11	Lime	63
2	Shale	65
2	Lime	67
2	Shale	69
4	Lime	73
7	Sandy Lime	80
7	Lime	87
41	Shale	128
19	Lime	147
75	Shale	222
21	Lime	243
22	Shale	265
3	Lime	268
3	Shale	271
6	Lime	277
23	Shale	300
2	Lime	302
33	Shale	335
8	Lime	343
2	Shale	345
12	Lime	357
9	Shale	366
23	Lime	389
3	Shale	392
5	Lime	397
5	Shale	402
5	Lime	407
4	Shale	411
7	Sand	418
3	Sandy Shale	421
12	Shale	433
4	Sand	437
5	Sandy Shale	442
15	Shale	457
53	Sandy Shale	510

Franklin County, KS  
Well:W. Lidikay 75  
Lease Owner: L L

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

Commenced Spudding:  
11/21/2012

[illegible]

# 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 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 - SPMxRxR over RPM

SPM - RPMxD over RxR

R - RPMxD over SPMxR

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

\* Need these to figure belt length

$$\text{TO FIGURE AMPS: } \frac{\text{WATTS}}{\text{VOLTS}} = \text{AMPS}$$

746 WATTS equal 1 HP

# Log Book

Well No. 75

Farm West Lindsey

KS Franklin  
(State) (County)

14 16 21  
(Section) (Township) (Range)

For TDR Construction  
(Well Owner)

## Town Oilfield Services, Inc.

1207 N. 1st East

Louisburg, KS 66053

913-710-5400

West Lidike Farm: Franklin County

KS State; Well No. 75

Elevation 1000

Commenced Spuding 11-21, 2019

Finished Drilling 11-23, 2019

Driller's Name Chad Weaver

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

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

Tool Dresser's Name Brandon Stone

Tool Dresser's Name Eric Helcom

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

Contractor's Name TOS

4 16 21

(Section)	(Township)	(Range)
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Distance from 6 line, 3820 ft.

Distance from Line line, 4635 ft.

0750 0709 1748

## CASING AND TUBING RECORD

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

6/12 Set 21' 8" Pulled

6 1/4" Set \_\_\_\_\_ 6 1/4" Pulled \_\_\_\_\_

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

27/8 Set 946 2" Pulled           

776<sup>2</sup> B.C.C.C.  
819 T.D.

## CASING AND TUBING MEASUREMENTS

[illegible]

Thickness of Strata	Formation	Total Depth	Remarks
18	sand / clay	18	
4	lime	22	
2	shale	24	
17	lime	41	
7	shale	48	Dark
11	lime	59	
2	shale	61	
2	lime	63	
2	shale	65	
4	lime	69	
7	sandy lime	73	
7	lime	80	
41	shale	121	red bed "95-98"
19	lime	140	
75	shale	215	
21	lime	236	
22	shale	258	
3	lime	261	
3	shale	264	
6	lime	270	
23	shale	293	red bed "293-297"
2	lime	295	
33	shale	328	
8	lime	336	
2	shale	338	
12	lime	350	
9	shale	359	



Thickness of Strata	Formation	Total Depth	Remarks
23	Lime	389	
3	shale	392	
5	Lime	397	
5	shale	402	
5	Lime	407	Hardly
4	shale	411	
7	sand	418	
3	sandy shale	421	grey, no oil
12	shale	433	
4	sand	437	
5	sandy shale	442	grey, no oil
15	shale	457	
53	sandy shale	510	
18	shale	528	
4	sand	532	
5	sand	537	no oil
2	cracked sand	539	moder. little oil, ok bleed
40	shale	579	no oil
7	Lime	586	
7	shale	593	
2	Lime	595	
5	Lime shale	600	limed shale
3	coal	603	
4	shale	607	
6	Lime	613	
13	shale	626	
3	Lime	629	



[illegible]



FIELD TICKET & TREATMENT REPORT  
CEMENT

FOREMAN Casey Kennedy  
PORT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11/26/12		West Lickilay # 75	NW 4	16	21	FR
CUSTOMER L+L Energy						
MAILING ADDRESS 120 Shoreline Dr						
CITY Louisburg	STATE KS	ZIP CODE 66053				
JOB TYPE Leak Testing						
HOLE SIZE 1 1/2"						

TRUCK #	DRIVER	TRUCK #	DRIVER
481	Car Ken	✓ Safety	Meeting
6066	Gqr Max	✓	
510	Set TWC	✓	

JOB TYPE <u>long string</u>	HOLE SIZE <u>5 5/8"</u>	HOLE DEPTH <u>819'</u>	CASING SIZE & WEIGHT <u>2 7/8" EUE</u>
CASING DEPTH <u>786'</u>	DRILL PIPE _____	TUBING <u>6 5/8" - 776'</u>	OTHER _____
SLURRY WEIGHT _____	SLURRY VOL _____	WATER gal/sk _____	CEMENT LEFT in CASING <u>10'</u>
DISPLACEMENT <u>4.49 bbl/s</u>	DISPLACEMENT PSI _____	MIX PSI _____	RATE <u>4.5 bpm</u>

REMARKS: held safety meeting, established circulation, mixed & pumped 100 # Promix Gel followed by 10 bbls fresh water, mixed & pumped 120 lbs 50/50 Pozmix cement w/ 2% gel per lb, cement to surface, flushed pump clean, pumped 2 1/2" rubber plug to baffle w/ 4.49 bbls fresh water, pressured to 800 PSI, released pressure, shut in casing.

B + R

[illegible]

Rayln 3737

AUTHORIZATION No Co. Rep. on location

**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.

254928