



**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: \_\_\_\_\_



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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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 <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR. \_\_\_\_\_ Producing Method:  Flowing  Pumping  Gas Lift  Other *(Explain)* \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Johnson County, KS  
Well: Thomas B 15  
Lease Owner: ST Petroleum

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

Commenced Spudding:  
10/1/2013

WELL LOG

Thickness of Strata	Formation	Total Depth
6	Soil-Clay	6
14	Sandstone	20
9	Lime	29
36	Shale	65
4	Lime	69
49	Shale	118
5	Lime	123
2	Shale	125
16	Lime	141
8	Shale	149
8	Lime	157
8	Shale	165
19	Lime	184
11	Shale	195
12	Sand	207
27	Lime	234
16	Sandy Shale	250
8	Lime	258
14	Shale	272
24	Lime	296
14	Shale	310
10	Lime	320
18	Shale	338
8	Lime	346
4	Shale	350
7	Lime	357
45	Shale	402
25	Lime	427
7	Shale	434
23	Lime	457
4	Shale	461
5	Lime	466
4	Shale	470
6	Lime	476
4	Shale	480
5	Sandy Shale	485
21	Shale	506
14	Sandy Shale	520
65	Shale	585
6	Sand	591



# 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  $BPH \times PSI \times .0004$

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. 15

Farm Thomas B

KS Johnson  
(State) (County)

31 14 22  
(Section) (Township) (Range)

For ST Petroleum  
(Well Owner)

## Town Oilfield Services, Inc.

1207 N. 1st East

Louisburg, KS 66053

913-710-5400

Thomas R. Farm: Johnson County

CAS

KS State; Well No. 15

Feet

Elevation 1042

Commenced Spuding 10-1, 2013

Finished Drilling 10-2, 2013

Driller's Name David Weaver

Driller's Name

Driller's Name

Tool Dresser's Name Cole Holcomb

Tool Dresser's Name

Tool Dresser's Name

Contractor's Name TOS

31 14 22

(Section) (Township) (Range)

Distance from S line, 3710 ft.

Distance from E line, 1391 ft.

5- sacks

### CASING AND TUBING RECORD

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

7 7/8" Set 24.2' \_\_\_\_\_ 8" Pulled \_\_\_\_\_

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

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

2 7/8" Set 975.5' \_\_\_\_\_ 2" Pulled \_\_\_\_\_

903 Baffle

1000 TD



Thickness of Strata	Formation	Total Depth	Remarks
6	oil / clay	6	
14	sandstone	20	water
9	Lime	29	with some sand
36	shale	65	
4	Lime	69	
49	shale	118	
5	Lime	123	
2	shale	125	
16	Lime	141	
8	shale	149	Dark
8	Lime	157	
8	shale	165	
19	Lime	184	with some sandy lime
11	shale	195	
12	sand	207	
27	Lime	234	
16	sand shale / shale	250	
8	Lime	258	
14	shale	272	
24	Lime	296	
14	shale	310	
10	Lime	320	
18	shale	338	
8	Lime	346	
4	shale	350	
7	Lime	357	
45	shale	402	

402

Thickness of Strata	Formation	Total Depth	Remarks
25	Lime	427	
7	shale	434	
23	Lime	457	
4	shale	461	
5	lime	466	
4	shale	470	
6	Lime	476	Handker
4	shale	480	
5	sandy shale	485	
21	shale	506	
14	sandy shale & sand	520	
65	shale	585	
6	sand	591	little odor & show
62	shale	647	
5	Lime	652	
3	shale	655	
2	Lime	657	
8	shale	665	
6	Lime	671	
4	sand	675	no oil
11	shale	686	
4	Lime	690	
2	coal	692	
7	shale	699	
6	Lime & shale	705	
36	shale	741	711' - red bed
4	sand	745	odor, ok show





**CONSOLIDATED**  
Oil Well Services, LLC

262865

TICKET NUMBER 44723  
LOCATION Ottawa KS  
FOREMAN Fred Mader

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10-2-13	7532	Thomas "B" 15	NE 31	14	22	JO
CUSTOMER ST Petroleum Inc			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS 18800 Sunflower Rd			712	Fred Mader		
CITY STATE ZIP CODE Edgerton KS 66021			495	Har Bee		
			570	Jas Ric		
			583	Dan Det		

JOB TYPE Long string HOLE SIZE 5 7/8 HOLE DEPTH 1000' CASING SIZE & WEIGHT 2 1/2 EUE  
CASING DEPTH 975' DRILL PIPE Baffle in TUBING Ø 944 OTHER \_\_\_\_\_  
SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 3' + Plug  
DISPLACEMENT 5.48 BB DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 5 BPM

REMARKS: Hold crew safety meeting. Establish pump rate. Mix + Pump 100' Gel Flush. Mix + Pump 50/50 Poz Mix Cement 2% Gel 1/4" Flo Seal/sk. Cement to surface. Flush pump + lines clean. Displace 2 1/2" Rubber plug to Baffle in casing. Pressure to 800' PSI. Release pressure to set float valve. Shut in casing.

TOS Drilling - Chad Weaver Fred Mader

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	495	1085 <sup>00</sup>
5406	30 mi	MILEAGE	495	126 <sup>00</sup>
5402	975	Casing footage		N/C
5407	Minimum	Ten Miles		368 <sup>00</sup>
5502c	2 hrs	80 BBL Vac Truck		180 <sup>00</sup>
1124	145 SKS	50/50 Poz Mix Cement		1667 <sup>50</sup>
1118B	344#	Premium Gel.		75 <sup>68</sup>
1107	73#	Flo-Seal		180 <sup>31</sup>
4402	1	2 1/2" Rubber Plug		29 <sup>50</sup>
			7.375%	SALES TAX
				ESTIMATED
				TOTAL
				144 <sup>04</sup>
				3856 <sup>03</sup>

Revin 3737

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.