

KANSAS CORPORATION COMMISSION 1077229  
OIL & GAS CONSERVATION DIVISION

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

Form ACO-1  
June 2009  
Form Must Be Typed  
Form must be Signed  
All blanks must be Filled

OPERATOR: License # 34586  
Name: ST Petroleum, Inc.  
Address 1: 18800 Sunflower Rd  
Address 2: \_\_\_\_\_  
City: Edgerton State: KS Zip: 66021 +  
Contact Person: Rick Singleton  
Phone: (913) 980-5036  
CONTRACTOR: License # 33715  
Name: Town Oilfield Service  
Wellsite Geologist: NA  
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 #: \_\_\_\_\_  
2/29/2012    3/1/2012    3/26/2012  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 15-091-23597-00-00  
Spot Description: \_\_\_\_\_  
NE SW NE NE Sec. 29 Twp. 14 S. R. 22  East  West  
4455 Feet from  North /  South Line of Section  
725 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW  
County: Johnson  
Lease Name: Thomas A Well #: 31  
Field Name: Gardner South  
Producing Formation: Bartlesville  
Elevation: Ground: 1031 Kelly Bushing: 0  
Total Depth: 930 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at: 20 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from: 0  
feet depth to: 20 w/ 3 sx cmt.

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content: 1500 ppm Fluid volume: 80 bbls  
Dewatering method used: Evaporated  
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: Deanna Garrison Date: 04/23/2012



1077229

Operator Name: ST Petroleum, Inc. Lease Name: Thomas A Well #: 31  
 Sec. 29 Twp. 14 S. R. 22  East  West County: Johnson

**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:  
 GammaRay/Neutron/CCL

Log Formation (Top), Depth and Datum  Sample

Name GammaRay 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
Surface	9	7	10	20	Portland	3	50/50 POZ
Completion	5.6250	2.8750	8	919	Portland	134	50/50 POZ

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
3	880.0-888.0	2" DML RTG	8

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

DISPOSITION OF GAS:  Vented  Sold  Used on Lease  
*(If vented, Submit ACO-18.)*

METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled  
*(Submit ACO-5)*  Other (Specify) \_\_\_\_\_  Commingled *(Submit ACO-4)*

PRODUCTION INTERVAL: \_\_\_\_\_



**CONSOLIDATED**  
Oil Well Services, LLC

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

**FIELD TICKET & TREATMENT REPORT  
CEMENT**

TICKET NUMBER 34223

LOCATION Ottawa KS

FOREMAN Fred Maden

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3/1/12	7532	Thomas A # 31	NE 29	14	22	JO
CUSTOMER			TRUCK #			
S T Petroleum			506	FREMAD	Safety	Mfg
MAILING ADDRESS			495	HARBEC	HJB	
18800 Sunflower Rd			370	KEICAR	KE	
CITY	STATE	ZIP CODE	503	DANGAR	DG	
Edgerton	KS	66021				

JOB TYPE Long string HOLE SIZE 5 7/8 HOLE DEPTH 930' CASING SIZE & WEIGHT 2 7/8 EOE  
 CASING DEPTH 1919' DRILL PIPE 5" Flowline TUBING @ 907' OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT IN CASING 2 1/2" Plug  
 DISPLACEMENT 5.27 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 5.2 BPM

REMARKS: Establish pump rate. Mix + Pump 100# Premium Gel Flush. Mix + Pump 134 sks 50/50 Por. Mix Cement 27# 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 (weo)

*Fred Maden*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	495	1030 <sup>00</sup>
5405	-	MILEAGE		N/C
5402	919'	Casing footage		N/C
5407	Minderman	Ten Miles		350 <sup>00</sup>
5502C	2 hrs	80 BBL Vac Truck		180 <sup>00</sup>
1124	134 sks	50/50 Por. Mix Cement		1467 <sup>30</sup>
1119B	325#	Premium Gel		68 <sup>25</sup>
1107	34#	Flo Seal		79 <sup>90</sup>
4402	1	2 1/2" Rubber Plug		28 <sup>00</sup>
				<b>SCANNED</b>
				248202
				7.52576
SALES TAX ESTIMATED TOTAL				123 <sup>67</sup>
				3327 <sup>13</sup>

Rev'n 5737

AUTHORIZATION \_\_\_\_\_

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

Johnson County, KS  
Well: Thomas A-31  
Lease Owner: ST Petroleum

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

Commenced Spudding:  
2/29/2012

WELL LOG

Thickness of Strata	Formation	Total Depth
0-26	Soil-Clay	26
14	Shale	40
4	Lime	44
4	Shale	48
2	Lime	50
12	Shale	62
8	Lime	70
2	Shale	72
15	Lime	87
9	Shale	96
9	Lime	105
7	Shale	112
18	Lime	130
16	Shale	146
21	Lime	167
5	Shale	172
57	Lime	229
21	Shale	250
8	Lime	258
18	Shale	276
8	Lime	284
6	Shale	290
8	Lime	298
44	Shale	342
26	Lime	368
6	Shale	374
24	Lime	398
4	Shale	402
5	Lime	407
4	Shale	411
6	Lime	417
44	Shale	461
6	Sandy Shale	467
123	Shale	590
7	Lime	597
9	Shale	606
4	Lime	610
20	Shale	630
3	Lime	633
118	Shale	751

