



KANSAS CORPORATION COMMISSION 1068584  
OIL & GAS CONSERVATION DIVISION

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 # 34586  
Name: ST Petroleum, Inc.  
Address 1: 18800 Sunflower Rd  
Address 2: \_\_\_\_\_  
City: Edgerton State: KS Zip: 66021 + \_\_\_\_\_  
Contact Person: Rick Singleton  
Phone: ( 913 ) 638-6398  
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 #: \_\_\_\_\_

10/13/2011 10/14/2011 11/21/2011  
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 15-091-23611-00-00

Spot Description: \_\_\_\_\_  
NE SW NW NE Sec. 29 Twp. 14 S. R. 22 ☒ East ☐ West  
4455 Feet from ☐ North / ☒ South Line of Section  
2100 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 #: I-28

Field Name: Gardner South

Producing Formation: Bartlesville

Elevation: Ground: 1029 Kelly Bushing: 0

Total Depth: 918 Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: 22 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: 22 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: Dianne Garbar Date: 11/22/2011



1068584

Operator Name: ST Petroleum, Inc. Lease Name: Thomas A. Well #: 1-28  
 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><i>(Attach Additional Sheets)</i><br><br>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><br>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br>Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><i>(If no, Submit Copy)</i><br><br>List All E. Logs Run:<br><br>GammaRay/Neutron/CCL | <input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample<br><br>Name Top Datum<br>GammaRay |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|

| CASING RECORD <input checked="" 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 |
| Surface                                                                             | 9                 | 7                         | 10                | 22            | Portland       | 3            | 50/50 POZ                  |
| Completion                                                                          | 5.6250            | 2.8750                    | 8                 | 907           | Portland       | 124          | 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<br>Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record<br>(Amount and Kind of Material Used) | Depth |
|----------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------|
| 3              | 859.0-871.0                                                                               | 2" DML RTG                                                                        | 12    |
|                |                                                                                           |                                                                                   |       |
|                |                                                                                           |                                                                                   |       |
|                |                                                                                           |                                                                                   |       |
|                |                                                                                           |                                                                                   |       |

|                                                 |           |         |                                                                                                                                                                         |               |                                                                     |
|-------------------------------------------------|-----------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------------------------------------------------------------|
| 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:<br><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                                                             |

|                                                                                                                                                                          |                                                                                                                                                                                                                                                                              |                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| <b>DISPOSITION OF GAS:</b><br><input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease<br><i>(If vented, Submit ACO-18.)</i> | <b>METHOD OF COMPLETION:</b><br><input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled<br><i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i><br><input type="checkbox"/> Other (Specify) _____ | <b>PRODUCTION INTERVAL:</b><br>_____<br>_____ |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|



**CONSOLIDATED**  
**OF NEW YORK, U.S.**

# FIELD TICKET & TREATMENT REPORT CEMENT

FOREMAN: Fred Mader

|                   |  |            |  |                    |  |          |  |          |  |         |  |        |  |
|-------------------|--|------------|--|--------------------|--|----------|--|----------|--|---------|--|--------|--|
| DATE              |  | CUSTOMER # |  | WELL NAME & NUMBER |  | SECTION  |  | TOWNSHIP |  | RANGE   |  | COUNTY |  |
| 10/14/11          |  | 7532       |  | Thomas # I 28      |  | NE 29    |  | 14       |  | 22      |  | JO     |  |
| CUSTOMER          |  |            |  |                    |  | TRUCK #  |  | DRIVER   |  | TRUCK # |  | DRIVER |  |
| S. I. Petroleum   |  |            |  |                    |  | 506      |  | FREMAD   |  | Safety  |  | Mig    |  |
| MAILING ADDRESS   |  |            |  |                    |  | 495      |  | HARBEC   |  | HMB     |  | O      |  |
| 18800 Edgerton Rd |  |            |  |                    |  | 548      |  | KEI CAR  |  | KC      |  |        |  |
| CITY              |  | STATE      |  | ZIP CODE           |  | 506/Ting |  | CASREN   |  | LIC     |  |        |  |
| Edgerton          |  | KS         |  | 66029              |  |          |  |          |  |         |  |        |  |

|                             |                          |                       |                                              |
|-----------------------------|--------------------------|-----------------------|----------------------------------------------|
| JOB TYPE <u>Long string</u> | HOLE SIZE <u>5 7/8</u>   | HOLE DEPTH <u>918</u> | CASING SIZE & WEIGHT <u>2</u>                |
| CASING DEPTH <u>907.2</u>   | DRILL PIPE <u>897.40</u> | TUBING <u>Baffle</u>  | OTHER _____                                  |
| SLURRY WEIGHT _____         | SLURRY VOL _____         | WATER gal/sk _____    | CEMENT LEFT IN CASING <u>2 1/2" Plug 710</u> |
| DISPLACEMENT <u>5.22</u>    | DISPLACEMENT PSI _____   | MIX PSI _____         | RATE <u>58 PM</u>                            |

DISPLACEMENT 3.22 DISPLACEMENT PSI \_\_\_\_\_ MAX PSI \_\_\_\_\_  
REMARKS: Establish pump rate. Mix Pump 1/2 Gal. ESA-41 + 1/2 Gal. H.E-100

ESD 413K pump line  
Polymer Flush Circulate from pit to cond. lion hole

Mix + Pump 124 cks 50/50 For Mix Cement 270 Cal 1/4 Flc

Seal/sk Cement to Surface. Flush pump & l/s's clean.

Displace 5% Rubber plug to Bottle increasing w/ 0.22 BP

Fresh Water: Pressured to 800 Psi. No air bleed valve.  
3" MIT Balance pressure to set float valve.

30 min MIT. Klasse pressure in der Pflanze

Tues Pri 11A, (wes) Fred Maden

[illegible]

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## AUTHORIZATION

**TITLE**

DATE \_\_\_\_\_

AUTHORIZATION [Signature] 11/11/11 FILE 11/11/11

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's order, are the terms, conditions, 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 I-28  
Lease Owner: ST Petroleum

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

Commenced Spudding:  
10/13/2011

WELL LOG

| Thickness of Strata | Formation | Total Depth |
|---------------------|-----------|-------------|
| 0-15                | Soil-Clay | 15          |
| 10                  | Shale     | 25          |
| 5                   | Lime      | 30          |
| 25                  | Shale     | 55          |
| 22                  | Lime      | 77          |
| 11                  | Shale     | 88          |
| 8                   | Lime      | 96          |
| 7                   | Shale     | 103         |
| 19                  | Lime      | 122         |
| 17                  | Shale     | 139         |
| 20                  | Lime      | 159         |
| 7                   | Shale     | 166         |
| 53                  | Lime      | 219         |
| 22                  | Shale     | 241         |
| 8                   | Lime      | 249         |
| 18                  | Shale     | 267         |
| 6                   | Lime      | 273         |
| 6                   | Shale     | 279         |
| 8                   | Lime      | 287         |
| 31                  | Shale     | 318         |
| 2                   | Lime      | 320         |
| 10                  | Shale     | 330         |
| 19                  | Lime      | 349         |
| 2                   | Shale     | 351         |
| 4                   | Lime      | 355         |
| 9                   | Shale     | 364         |
| 23                  | Lime      | 387         |
| 4                   | Shale     | 391         |
| 4                   | Lime      | 395         |
| 4                   | Shale     | 399         |
| 6                   | Lime      | 405         |
| 113                 | Shale     | 518         |
| 17                  | Lime      | 535         |
| 43                  | Shale     | 578         |
| 10                  | Lime      | 588         |
| 6                   | Shale     | 594         |
| 2                   | Lime      | 596         |
| 1                   | Shale     | 597         |
| 4                   | Lime      | 601         |
| 15                  | Shale     | 616         |

Johnson County, KS  
Well: Thomas A I-28  
Lease Owner: ST Petroleum

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(913) 837-8400

Commenced Spudding:  
10/13/2011

|    |             |        |
|----|-------------|--------|
| 3  | Lime        | 619    |
| 7  | Shale       | 626    |
| 4  | Lime        | 630    |
| 5  | Shale       | 635    |
| 1  | Lime        | 638    |
| 28 | Shale       | 664    |
| 3  | Lime        | 667    |
| 47 | Shale       | 714    |
| 1  | Lime        | 715    |
| 20 | Shale       | 735    |
| 1  | Sand        | 736    |
| 1  | Lime        | 737    |
| 10 | Sand        | 747    |
| 2  | Sand        | 749    |
| 5  | Sandy Shale | 754    |
| 14 | Shale       | 768    |
| 3  | Lime        | 771    |
| 87 | Shale       | 858    |
| 6  | Sand        | 864    |
| 5  | Sand        | 869    |
| 1  | Sand        | 870    |
| 3  | Limey Sand  | 873    |
| 4  | Limey Sand  | 877    |
| 1  | Limey Sand  | 878    |
| 8  | Sandy Shale | 886    |
| 32 | Shale       | 918-TD |
|    |             |        |
|    |             |        |