KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1068584

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:

- [x] New Well
- [ ] Re-Entry
- [ ] Workover

- [ ] Oil
- [ ] WSW
- [ ] SWD
- [ ] SIOW
- [ ] Gas
- [ ] D&A
- [x] 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 Recompletion Date	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 [x] East [ ] West
4455 Feet from [ ] North / [x] South Line of Section
2100 Feet from [x] East / [ ] West Line of Section
Footages Calculated from Nearest Outside Section Corner:
[ ] NE [ ] NW [x] 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 [x] 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:**
- [x] **Wireline Log Received**
- [ ] **Geologist Report Received**
- [x] **UIC Distribution**

ALT [ ] I [x] II [ ] III **Approved by:** Deanna Garrisor **Date:** 11/22/2011

Side Two

1068584

Operator Name: ST Petroleum, Inc. Lease Name: Thomas A. Well #: I-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 ☐ 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	Top	Datum
GammaRay		

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	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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record *(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: ☐ 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. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)*

PRODUCTION INTERVAL:

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

TICKET NUMBER 32955
LOCATION Ottawa KS
FOREMAN Fred Mader

CONSOLIDATED Oil Well Services, LLC
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
10/14/11	7532	Thomas # I-28	NE 29	14	22	JO

CUSTOMER: S T Petroleum
MAILING ADDRESS: 18800 Edgerton Rd
CITY: Edgerton | STATE: KS | ZIP CODE: 66021

TRUCK #	DRIVER	TRUCK #	DRIVER
506	FREMAD	Safety	MK
495	HARBEC	HB	
548	KEICAR	KC	
506/T106	CASKEN	CC	

JOB TYPE Long string | HOLE SIZE 5 7/8 | HOLE DEPTH 918 | CASING SIZE & WEIGHT 2 7
CASING DEPTH 907 2 | DRILL PIPE 897 to | TUBING Bottle | OTHER
SLURRY WEIGHT | SLURRY VOL | WATER gal/sk | CEMENT LEFT in CASING 2½" Plug 10'
DISPLACEMENT 5.22 | DISPLACEMENT PSI | MIX PSI | RATE 5 BPM

REMARKS: Establish pump rate. Mix + Pump ½ Gal ESA-41 + ½ Gal HE-100 Polymer Flush. Circulate from pit to condition hole. Mix Pump 124 sks 50/50 Por Mix Cement 2% Gel ¼# Flo Seal/sk. Cement to Surface. Flush pump + lines clean. Displace 2½" Rubber plug to Bottle in casing w/ 5.22 BBLS Fresh Water. Pressure to 800 # PSI. Hold Pressure for 30 min MIT. Release pressure to set float valve.

Tool Drilling (Wes). Fred Mader

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT		UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	495		975.00
5406	30 mi	MILEAGE	495		120.00
5402	907	Casing footage			NC
5407	Minimum	Ton Miles	548		330.00
5502C	2 hrs	Transport	506/T103		224.00
1124	124 sks	50/50 Por Mix Cement			1295.50
1118B	308#	Premium Gel			61.60
1107	31#	Flo Seal			68.52
4402	1	2½" Rubber Plug			28.00
		7.525%		SALES TAX	109.44
				ESTIMATED TOTAL	3212.66

CONFIRMED

Ravin 3737

AUTHORIZTION _____ TITLE _____ DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's ... and conditions of service on the back of this form are in effect for services identified on this fo

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

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Commenced Spudding:
10/13/2011

3	Lime	619
7	Shale	626
4	Lime	630
5	Shale	635
1	Lime	636
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