



KANSAS CORPORATION COMMISSION 1068016
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 SLOW
- 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 #: _____

<u>10/17/2011</u>	<u>10/18/2011</u>	<u>11/16/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-091-23632-00-00

Spot Description: _____
NW NE SW NE Sec. 29 Twp. 14 S. R. 22 East West
3905 Feet from North / South Line of Section
1825 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 #: 20

Field Name: Gardner South

Producing Formation: Bartlesville

Elevation: Ground: 1031 Kelly Bushing: 0

Total Depth: 938 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: Deanna Gantner Date: 11/16/2011



1068016

Operator Name: ST Petroleum, Inc. Lease Name: Thomas A Well #: 20
 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 <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: GammaRay/Neutron/CCL	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum GammaRay
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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	924	Portland	136	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	866.0-879.0	2" DML RTG	13

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 <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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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CONSOLIDATED
Oil Well Services, L.L.C.

TICKET NUMBER 32965
LOCATION Ottawa
FOREMAN Alan Made

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8678

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10-18-11	7532	Thomas A 20	NE 29	14	20	OS
CUSTOMER			TRUCK # DRIVER TRUCK # DRIVER			
ST Petroleum			516 Alan M Safety Meet			
MAILING ADDRESS			368 Arden Mc AKA			
18800 Sunflower			370 Gary M GM			
CITY STATE ZIP CODE			510 Keith D ED			
Edgerton KS						

JOB TYPE long string HOLE SIZE 5 7/8 HOLE DEPTH 938 CASING SIZE & WEIGHT 2 7/8
CASING DEPTH 924 DRILL PIPE _____ TUBING _____ OTHER 6074 9/14
SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT IN CASING yes
DISPLACEMENT 53 DISPLACEMENT PSI 800 MIX PSI 200 RATE 5 bpm

REMARKS: Hold crew meeting. Established rate Mixed + pumped 100# gel to flush hole, followed by 136 gk 50/150 p02 plus 20# gel & 1/2# flo seal per sack. Circulated con. Flushed pump. Pumped plug to baffle. Well held 800 PSI. Set float closed valve.

TOS, Wes

Alan Made

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		975.00
5406	1	MILEAGE		-
5402	924	casing footage		-
5407	1/2 min	ten miles		1165.00
5502C	2	80 vac		180.00
1124	136 gk	50/150 p02		142.20
118B	328#	gel		65.60
1107	68#	flo seal		150.96
4402	1	2 1/2 plug		28.00
SALES TAX				125.36
ESTIMATED TOTAL				3111.12

245214

SCANNED

Rev'n 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

Johnson County, KS
Well: Thomas A-20
Lease Owner: ST Petroleum

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

Commenced Spudding
03/07/2011

WELL LOG

Thickness of Strata	Formation	Total Depth
0-18	Soil-Clay	18
23	Shale	41
4	Lime	45
17	Shale	62
3	Lime	65
5	Shale	70
15	Lime	85
10	Shale	95
9	Lime	104
7	Shale	111
19	Lime	130
15	Shale	145
21	Lime	166
6	Shale	172
56	Lime	228
20	Shale	248
8	Lime	256
19	Shale	275
5	Lime	280
7	Shale	287
8	Lime	295
43	Shale	338
24	Lime	362
9	Shale	371
23	Lime	394
4	Shale	398
3	Lime	401
6	Shale	407
7	Lime	414
174	Shale	588
4	Lime	592
2	Shale	594
4	Lime	598
6	Shale	604
7	Lime	611
15	Shale	626
2	Lime	628
5	Shale	633
3	Lime	636
22	Shale	658

