



KANSAS CORPORATION COMMISSION 1078871
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) 980-5036
CONTRACTOR: License # 5786
Name: McGown Drilling, Inc.
Wellsite Geologist: NA
Purchaser:
Designate Type of Completion:

- | | | |
|---|-----------------------------------|-----------------------------------|
| <input checked="" type="checkbox"/> New Well | <input type="checkbox"/> Re-Entry | <input type="checkbox"/> Workover |
| Oil <input type="checkbox"/> WSW <input type="checkbox"/> SWD <input type="checkbox"/> SIOW | | |
| Gas <input type="checkbox"/> D&A <input checked="" type="checkbox"/> ENHR <input type="checkbox"/> SIGW | | |
| OG <input type="checkbox"/> GSW <input type="checkbox"/> Temp. Abd. | | |
| CM (Coal Bed Methane) | | |
| Cathodic <input type="checkbox"/> 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 #:
1/27/2012 1/30/2012 2/10/2012
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15- 15-091-23656-00-00
Spot Description:
NW NW SE NE Sec. 29 Twp. 14 S. R. 22 East West
3905 Feet from North / South Line of Section
1000 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-21
Field Name: Gardner South
Producing Formation: Bartlesville
Elevation: Ground: 1024 Kelly Bushing: 0
Total Depth: 928 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:
feet depth to: 20 w/ 6 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: 04/18/2012



1078871

Operator Name: ST Petroleum, Inc.

Lease Name: Thomas A

Well #: I-21

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 Log Formation (Top), Depth and Datum Sample
(Attach Additional Sheets)

Samples Sent to Geological Survey Yes No Name Top Datum
GammaRay

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

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	6	50/50 POZ
Completion	5.6250	2.8750	8	922	Portland	123	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				

PERFORATION RECORD - Bridge Plugs Set/Type
Specify Footage of Each Interval Perforated

Acid, Fracture, Shot, Cement Squeeze Record
(Amount and Kind of Material Used)

Shots Per Foot	Footage	Material	Depth
3	872.0-882.0	2" DML RTG	10

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) (Submit ACO-4)
Other (Specify)

PRODUCTION INTERVAL:

HAT DRILLING
12371 KS HWY 7
MOUND CITY, KS 66056
LICENSE # 33734

Thomas A #I-21
API # 15-091-23656-00-00
SPUD DATE 1-27-12

Footage	Formation	Thickness	Set 20' of 7"
2	Topsoil	2	TD 928'
13	clay	11	Ran 922' of 2 7/8
54	shale	41	
80	lime	26	
88	shale	8	
98	lime	10	
105	shale	7	
124	lime	19	
140	shalc	16	
160	lime	20	
166	shale	6	
224	lime	58	
242	shale	18	
251	lime	9	
270	shale	19	
293	lime	23	
325	shale	32	
327	lime	2	
336	shale	9	
364	lime	28	
372	shale	8	
402	lime	30	
406	shale	4	
413	lime	7	
599	shale	186	
605	lime	6	
622	shale	17	
628	lime	6	
870	shale	242	
871	lime	1	
872	sand	1	
928	shale	56	



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 36910
LOCATION OTG 299
FOREMAN Alan Moder

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
1-30-12	7532	Thomas A I-21	NE 29	14	22	JD
CUSTOMER ST Petroleum			TRUCK # DRIVER TRUCK # DRIVER			
MAILING ADDRESS 18800 Sunflower Rd			516	Alan M	Safety	Meat
CITY STATE ZIP CODE Edge ton KS 66021			368	Artem	AKM	
			369	Derek M	D.M	
			510	Asam	AM	

JOB TYPE long string HOLE SIZE 5 7/8 HOLE DEPTH 928 CASING SIZE & WEIGHT 2 7/8
CASING DEPTH 922 DRILL PIPE _____ TUBING _____ OTHER table
SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING yes
DISPLACEMENT 5.4 DISPLACEMENT PSI 800 MIX PSI 200 RATE 4 bpm

REMARKS: held crew meet. Established rate. Mixed & pumped 100# gel followed by 1315K 50/50 cement plus 20# diesel & 1/4# flo-seal per sack. Circulated cement. Flushed pump. Pumped plus to table. Well held 800 PSI for 30 minute MIT. Set float. Closed valve.

HAT Drilling, Eric

Alan Moder

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		1030.00
5406	30	MILEAGE		120.00
5402	922'	casing footage		
5407	10	ten miles	350.00	3500.00
5502C	2	80 gal		180.00
1124	123	50/50 cement		1346.85
1118B	307#	gel		64.47
1107	31#	flp-seal		72.85
4402	1	2 1/2 plus		28.00
				SCANNED
				247602
SALES TAX ESTIMATED TOTAL				113.79 3305.96

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 account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.