



KANSAS CORPORATION COMMISSION 1077241
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 # 33734
Name: Hat Drilling LLC
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 #:

2/27/2012	3/1/2012	3/26/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-091-23635-00-00
Spot Description:
NW NW SE NE Sec. 29 Twp. 14 S. R. 22 East West
3905 Feet from North / South Line of Section
1275 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 #: 21
Field Name: Gardner South
Producing Formation: Bartlesville
Elevation: Ground: 1024 Kelly Bushing: 0
Total Depth: 942 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/ 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: 04/23/2012



1077241

Operator Name: ST Petroleum, Inc. Lease Name: Thomas A Well #: 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 (Attach Additional Sheets) Yes No
Samples Sent to Geological Survey Yes No
Cores Taken Yes No
Electric Log Run Yes No
Electric Log Submitted Electronically (If no, Submit Copy) Yes No

Log Formation (Top), Depth and Datum Sample
Name Top Datum
Gamma Ray

List All E. Logs Run:

GammaRay/Neutron/CCL

CASING RECORD New Used

Report all strings set-conductor, surface, intermediate, production, etc.

Table with 8 columns: 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. Rows include Surface and Completion data.

ADDITIONAL CEMENTING / SQUEEZE RECORD

Table with 5 columns: Purpose, Depth Top Bottom, Type of Cement, # Sacks Used, Type and Percent Additives. Includes 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)

Table with 4 columns: Shots Per Foot, Footage, Material Used, Depth. Row shows 3 shots per foot, 873.0-883.0 footage, 2" DML RTG material, and 10 depth.

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)

Table with 7 columns: 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)

PRODUCTION INTERVAL:

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

Thomas A #21
API # 15-091-23635-00-00
SPUD DATE 2-27-12

Footage	Formation	Thickness	Set 20' of 7"
2	Topsoil	2	TD 942'
17	clay	15	Ran 936' of 2 7/8
22	shale	5	
23	lime	1	
56	shale	33	
64	lime	8	
66	shale	2	
82	lime	16	
92	shale	10	
100	lime	8	
106	shale	6	
127	lime	21	
140	shale	13	
163	lime	23	
168	shale	5	
224	lime	56	
244	shale	20	
253	lime	9	
271	shale	18	
277	lime	6	
284	shale	7	
294	lime	10	
324	shale	30	
326	lime	2	
336	shale	10	
414	lime	78	
586	shale	172	
592	lime	6	
604	shale	12	
612	lime	8	good odor, little bleed
627	shale	15	
630	lime	3	
872	shale	242	
876	sand	4	
942	shale	66	



CONSOLIDATED
Oil Well Services, LLC

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

TICKET NUMBER 34203

LOCATION Ottawa KS

FOREMAN Fred Maier

FIELD TICKET & TREATMENT REPORT

CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3/1/12	7532	Thomas "A" # 21	NE 29	14	22	JO
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
ST Petroleum			506	FREMAO	Safety	Walt
MAILING ADDRESS			495	HARBEC	NAB	J
18500 Sunflower Rd			370	KEICAR	KL	
CITY	STATE	ZIP CODE	503	DANGER		
Edgerton	KS	66021				

JOB TYPE log string HOLE SIZE 5 7/8 HOLE DEPTH 942 CASING SIZE & WEIGHT 2 7/8 EUE
 CASING DEPTH 936 DRILL PIPE Baffle in TUBING @ 923 OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 2 1/2" Plug + 13'
 DISPLACEMENT 5.37 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE 5 BPM

REMARKS: Establish circulation. Mix & Pump 100* Premium Gel Flush. Mix & Pump 135 sks 50/50. For Mix Cement 2 7/8 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.

Not Drilling

Fred Maier

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	495	1030 ⁰⁰
5406	30 mi.	MILEAGE	495	120 ⁰⁰
5402	936	Casing footage		N/C
5407	Minimum	Tax Miles	503	300 ⁰⁰
5502C	1/2	80 BBL Vac Truck	370	135 ⁰⁰
1124	135 sks	50/50 Por Mix Cement		1478 ³⁵
1118B	327*	Premium Gel		6867
1107	34*	Flo Seal		7920
4402	1	2 1/2" Rubber Plug		20 ⁰⁰
<u>248196</u>				
		7.525%	SALES TAX	124 ⁵²
			ESTIMATED	
			TOTAL	3414 ³⁵

Rev 01/37

AUTHORIZATION Alexington 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