

Kansas Corporation Commission Oil & Gas Conservation Division

1068566

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 #	API No. 15
Name:	Spot Description:
Address 1:	SecTwpS. R
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from _ East / _ West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
☐ Oil ☐ WSW ☐ SWD ☐ SIOW ☐ Gas ☐ D&A ☐ ENHR ☐ SIGW	Amount of Surface Pipe Set and Cemented at: Feet Multiple Stage Cementing Collar Used?
☐ OG ☐ GSW ☐ Temp. Abd.	If yes, show depth set: Feet
CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	If Alternate II completion, cement circulated from:
If Workover/Re-entry: Old Well Info as follows:	feet depth to: w/ sx cmt.
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	Chloride content:ppm Fluid volume:bbls
☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD ☐ Conv. to GSW	Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	QuarterSecTwpS. R East West
ENHR Permit #:	County: Permit #:
GSW Permit #:	County Fermit #
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	

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 I II Approved by: Date:						

Side Two



Operator Name:				_ Lease N	lame:			Well #:		
Sec Twp	S. R	East	West	County:						
INSTRUCTIONS: Sh time tool open and clo recovery, and flow rate line Logs surveyed. A	osed, flowing and shu es if gas to surface te	t-in pressures, st, along with f	whether sh inal chart(s	nut-in press	ure reach	ed static level,	hydrostatic pres	sures, bottom h	ole temp	erature, fluid
Drill Stem Tests Taker (Attach Additional S		Yes	No		Log	y Formation	n (Top), Depth a	nd Datum		Sample
Samples Sent to Geo	logical Survey	Yes	No		Name			Тор	I	Datum
Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Copy	d Electronically	Yes Yes Yes	☐ No ☐ No ☐ No							
List All E. Logs Run:										
		Report all	CASING I		New	Used mediate, producti	on, etc.			
Purpose of String	Size Hole Drilled	Size Ca Set (In C	sing	Weigi Lbs. /	ht	Setting Depth	Type of Cement	# Sacks Used	, ,,	and Percent dditives
		AI	DDITIONAL	CEMENTIN	G / SQUE	EZE RECORD				
Purpose: Depth Top Bottom Perforate Protect Casing Plug Back TD Plug Off Zone Depth Top Bottom Type of Cement		ement	# Sacks	Used		Type and	Percent Additives			
Shots Per Foot	PERFORATI Specify I	ON RECORD - Footage of Each	Bridge Plugs Interval Perfo	s Set/Type orated			cture, Shot, Cemei mount and Kind of N		d	Depth
TUBING RECORD:	Size:	Set At:		Packer At:		Liner Run:				
Date of First, Resumed	Production, SWD or EN		ducing Meth	od:		as Lift C	Yes No	0		
Estimated Production Per 24 Hours	Oil	Bbls.		Mcf	Water		ols.	Gas-Oil Ratio		Gravity
DISPOSITIO	ON OF GAS:		M	IETHOD OF	COMPLET	ION:		PRODUCTIO	ON INTER	VAL:
Vented Sold	Used on Lease	Open	Hole (Specify)	Perf.	Dually ((Submit AC		nmingled mit ACO-4)			



TICKET NUMBER LOCATION Ottawa

FIFI D TICKET & TREATMENT REPORT

DATE C	JSTOMER#	WELL NAME & NUM	CEMEN BER	SECTION	TOWNSHIP	RANGE	COUNTY
2 21-1/	200 71	omas A	#33	NE 29	17	22	50
STOMER A	1000	1000100	1.				
ot Pet	roleum			TRUCK#	DRIVER	TRUCK#	DRIVER
LING ADDRESS	- Sun Flo	ruger Rd		516	HanM	SUFFER	Meet
8800	Edgerton	Kol		368	ArlenM	SHI	
Y	STATE	ZIP CODE		505/T-106	Caserk	CC	
Edgert	an KS	66021		523	Keith U	KD	70
TYPE long	STRIAG HOLE SIZ	ZE 3 8	_ HOLE DEPT	н <u>938</u>	CASING SIZE & V	1 11	E 9/2
SING DEPTH	922 DRILL PI	PE	TUBING			5111-11 <u>0-127</u>	
JRRY WEIGHT_	SLURRY		WATER gal/		CEMENT LEFT in		>
PLACEMENT	3.3 DISPLACE	EMENT PSI 800	MIX PSI	200	RATE 5	ppm	0
MARKS: Hel	d crew-	neet, t	5 700	ished ro	ite. M	ixad +	punj
00 tael	to flust	n hole x	ollow	ed by	118 51	50130 00	ZPIL
270 Gel	+ 1/W flo-5	eal a Cir	culato	a cen	ent. I	ushed	pump
Pumbes	plue to	bastle	Well V	1eld 80	O POI	Sex'	4-1097
closed	value						
TOS J.	eff						
					Alm	Marke	1
Alt the					///	7	
ACCOUNT	QUANITY or UNITS	5 0	ESCRIPTION (of SERVICES or PF	RODUCT	UNIT PRICE	TOTAL
CODE	1	PUMP CHAR	CE				9750
17/21		TOWN ONA	(OL				
212/	30	MUFAGE					120.0
5406	30	MILEAGE	10 60	x4000			120.0
3406	30 922 15222	MILEAGE Ca.5	ns fo	stage			
706 102 707A	30 922 15 3.22	MILEAGE CAS Ton	ns fo	stage	T-106		191.8
5406 5402 5407A 5016	30 922 1522 2	mileage cass ton tran	ns formiles	stage	T-106		191.8
5406 302 307A 301C	30 922 15222	mileage cass ton tran	ns formitas	stage	T-106		191.8
706 702 707A 501C	30 922 15222 2	cas: ton. tran	n:les sport	st99c	T-106		191.8
3406 3407A 301C	30 922 15222 2 118 3K	MILEAGE Cass ton tran 50190	ns for sport	stage	T-106		191.8
706 702 707A 501C	30 922 15222 2 118 3K 298 4	tran	n:les sport	249c	T-106		191.8
106 102 107A 501C	30 923 15222 2 11835 2984 30#	tran	n:les sport	2495			191.8
1406 1407A 301C 124 118B 107	30 922 15222 2 118 5K 298 4 30 #	tran	n:les sport	stage	T-106		191.8
106 102 107A 301C	118 3K 298 4 30 #	tran	n:les sport	2495			191.8
106 102 107A 501C	30 922 15222 2 118 35 298 4 30 #	tran	n:les sport	2495			191.8
106 102 107A 301C	30 922 15222 2 118 3K 298 4 30 #	tran	n:les sport	249c			120.0 191.8 224.0 1233. 59.6 66.66
106 102 1407A 501C	30 923 15222 2 118 35 298 4 30#	tran	n:les sport	2495			191.8
106 102 107A 501C	30 922 15222 2 118 5K 298 4 30 #	tran	n:les sport	stage			191.8
106 102 107A 501C	30 923 15222 2 118 3K 298 4 30 #	tran	n:les sport	245			191.8
118B 107 107 118B	30 923 15222 2 118 35 298 4 30#	tran	n:les sport	245			191.8
	30 923 15222 2 118 35 298 4 30 #	tran	n:les sport	245		SALES TAX	191.8
1406 162 1407A 1501C	118 5K 298 4 30 #	tran	n:les sport	245			191.8

Johnson County, KS
Well: Thomas A-33
Town Oilfield Service, Inc.
(913) 837-8400
Commenced Spudding: 10/20/2011

Lease Owner: ST Petroleum

WELL LOG

hickness of Strata	Formation	Total Depth	
0-15	Soil-Clay	15	
53	Shale	68	
22	Lime	90	
11	Shale	101	
7	Lime	108	
3	Shale	111	
23	Lime	134	
17	Shale	151	
20	Lime	171	
7	Shale	178	
54	Lime	232	
22	Shale	254	
8	Lime	262	
17	Shale	279	
8	Lime	287	
6	Shale	293	
9	Lime	302	
41	Shale	343	
26	Lime	369	
11	Shale	380	
24	Lime	404	
2	Shale	406	
3	Lime	409	
5	Shale	414	
6	Lime	420	
170	Shale	590	
11	Lime	601	
6	Shale	607	
10	Lime	617	
11	Shale	628	
4	Lime	632	
6	Shale	638	
7	Lime	645	
26	Shale	671	
2	Lime	673	
73	Shale	746	
14	Sand	760	
10	Sandy Shale	770	
100	Shale	870	
2	Sand	872	

Johnson County, KS Town Oilfield Service, Inc.
Well: Thomas A-33 (913) 837-8400 Commenced Spudding:
Lease Owner: ST Petroleum

10	Sand	882
5	Sandy Shale	887
51	Shale	938-TD
And the second s		