

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1073840

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:	
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from Cast / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
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:
	Amount of Surface Pipe Set and Cemented at: Feet
Gas D&A ENHR SIGW	Multiple Stage Cementing Collar Used? Yes No
GG GSW Temp. Abd.	If yes, show depth set: Feet
Cothodia Core Sure at a	If Alternate II completion, cement circulated from:
Cathodic Other (Core, Expl., etc.):	feet depth to:w/sx cmt.
If Workover/Re-entry: Old Well Info as follows:	
Operator:	Drilling Fluid Management Plan
Well Name:	(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	Dewatering method used:
Conv. to GSW	
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 #:	Quarter Sec TwpS. R East West
ENHR Permit #:	County: Permit #:
GSW Permit #:	Fellin #
Spud Date or Recompletion Date Date Reached TD Completion Date or 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 II III Approved by: Date:

	Side Two	
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	

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 She	eets)	Yes No		Log	Formatior	n (Top), Depth and		Sample Datum
Samples Sent to Geolog	ical Survey	Yes No		Name			Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted E (If no, Submit Copy)	Electronically	 ☐ Yes ☐ No ☐ Yes ☐ No ☐ Yes ☐ No 						
List All E. Logs Run:								
		CASI	NG RECORD [New	Used			
		Report all strings s	et-conductor, surfac	ce, interme	ediate, producti	on, 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

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing Plug Back TD				
Plug Off Zone				

Shots Per Foot		PERFORATION Specify Fo		RD - Bridge P Each Interval F		e			ement Squeeze Record I of Material Used)	Depth
TUBING RECORD:	Siz	ze:	Set At:		Packe	r At:	Liner R	un:	No	
Date of First, Resumed F	Product	ion, SWD or ENH	<i>₹</i> .	Producing M	ethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
			I			1				
DISPOSITIO	N OF C	BAS:			METHOD	OF COMPLE	TION:		PRODUCTION INTE	RVAL:
Vented Sold		Jsed on Lease		Open Hole	Perf.	Uually (Submit)	v Comp. 4 <i>CO-5)</i>	Commingled (Submit ACO-4)		
(If vented, Subr	nit ACC	-18.)		Other (Specify)						

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

Well: Thomas A-41 Lease Owner: ST Petroleum

Johnson County, KS Town Oilfield Service, Inc. Commenced Spudding: (913) 837-8400

WELL LOG

Thickness of Strata	Formation	Total Depth
0-14	Soil-Clay	14
18	Shale	32
1	Lime	33
22	Shale	55
3	Lime	58
7	Shale	65
14	Lime	79
9	Shale	88
9	Lime	97
7	Shale	104
18	Lime	122
19	Shale	141
18	Lime	159
7	Shale	166
56	Lime	222
23	Shale	245
8	Lime	253
19	Shale	272
6	Lime	278
6	Shale	284
8	Lime	292
33	Shale	325
1	Lime	326
11	Shale	337
26	Lime	363
6	Shale	369
24	Lime	393
3	Shale	396
6	Lime	402
3	Shale	405
7	Lime	412
34	Shale	446
2	Sand	448
138	Shale	586
4	Lime	590
2	Shale	592
2	Lime	594
7	Shale	601
6	Lime	607
17	Shale	624

Johnson County, KS Well: Thomas A-41 Lease Owner: ST Petroleum

Town Oilfield Service, Inc. Commenced Spudding: (913) 837-8400 L/26/2012

3	Lime	627
127	Shale	754
6	Sand	760
114	Shale	874
6	Sand	880
4	Sand	884
3	Sand	887
3	Sandy Shale	890
49	Shale	939-TD
Alabatis A		
The strikes		
Contractor Plant		
-	7	
	-	
	-	

the states					BER 36	
	onsolidated	••				
C Oin-	WWell Sorvices, LLC			FOREMAN /	A /	de
//	F KO OFTON	IELD TICKET & TREA	TMENT REP		11401711	gain
	anute, KS 66720 F r 800-467-8676	CEMEN		UIT	•	
E		ELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12	7532 Thom	as A #41	NE 29	14	22	TO
Pot	roleum	•	TRUCK #	DRIVER	TRUÇK#	
ADDRE	and a second		51/2	Alann	Satety	DRIVER
00	Sunflower	Rd	368	Aclenn	ART	VVICEJ
	STATE	ZIP CODE	369	Dereku	DM	
ert	on KS	66021	348	DanielG	DG	1
ler	2 5 thing HOLE SIZE	5778 HOLE DEPTI	1 940	CASING SIZE & V	VEIGHT 2	718
EPTH	918 DRILL PIPE	TUBING		<u> </u>	OTHER bat	Fle 906
NEIGH	SLURRY VO			CEMENT LEFT in	CASING 1/8	5
MENT	53 DISPLACEM			RATE 46	m	
: He	ld crew mee	F. Establishe	d rate.	Mixed	trumpe	ed 100.
fol	lowed by 13	15K 50/50 ce	nent p	145 2900	el d Vyt	Flo-Se
yla	tel cement.	Flushed An	a lyn	ped pl	up to	Cashas
aft	le Well hel	2 800 PST.	Set flo	at Cla	sert is	alue
W	<i>'e</i> .5		· · · ·			7 1
				/,	len N	lade
	QUANITY or UNITS		f SERVICES or PR(орист		TOTAL
NT		PUMP CHARGE	f SERVICES or PR	орист	UNIT PRICE	
NT		PUMP CHARGE MILEAGE	f SERVICES or PR	орист		
INT E 2	QUANITY or UNITS	PUMP CHARGE MILEAGE Cassing Ro	FSERVICES or PRO	орист	UNIT PRICE	1030.
2 7	QUANITY or UNITS	PUMP CHARGE MILEAGE Cassing Ro	FSERVICES or PRO	oduct		1030,
NT	QUANITY or UNITS	PUMP CHARGE MILEAGE	FSERVICES or PRO	орист	UNIT PRICE	1030.
NT	QUANITY or UNITS	PUMP CHARGE MILEAGE Cassing Ro	f SERVICES or PRO	oduct		1030,
NT	QUANITY or UNITS	PUMP CHARGE MILEAGE Casins Fou Jon Miles BD Vgc	otas-c.	орист		1030.
NT 2 7 C	QUANITY OF UNITS	PUMP CHARGE MILEAGE Casins Fou Jon Miles BD Vgc 50150 ceme	otas-c.	ODUCT		1030.
NT 2 7 C	QUANITY or UNITS 918 Mig 172 131 SK 320 #	PUMP CHARGE MILEAGE Casins Fou Jon Miles BD Vgc 50150 ceme	otas-c.	oduct		1030. 350.00 135.00 1434.45 67.20
NT 2 2 7 6 3	QUANITY OF UNITS	PUMP CHARGE MILEAGE Ca5: 15 For Jon M: (es BD VGC 50150 ceme Sel Floseq(otas-c. ent			1030. 350.00 135.00 1434.45 67.20 77.55
NT 2 2 2 2 3	QUANITY or UNITS 918 Mig 172 131 SK 320 #	PUMP CHARGE MILEAGE Casins Fou Jon Miles BD Vgc 50150 ceme	otas-c. ent			1030. 350.00 135.00 1434.45 67.20
NT 2 2 7 6 3	QUANITY or UNITS 918 Mig 172 131 SK 320 #	PUMP CHARGE MILEAGE Ca5: 15 For Jon M: (es BD VGC 50150 ceme Sel Floseq(otas-c. ent			1030. 350.00 135.00 1434.45 67.20 77.55
NT 2 2 2 3	QUANITY or UNITS 918 Mig 172 131 SK 320 #	PUMP CHARGE MILEAGE Ca5: 15 For Jon M: (es BD VGC 50150 ceme Sel Floseq(otas-c. ent	oduct		1030. 350.00 135.00 1434.45 67.20 77.55
2 7 C 3	QUANITY or UNITS 918 Mig 172 131 SK 320 #	PUMP CHARGE MILEAGE Ca5: 15 For Jon M: (es BD VGC 50150 ceme Sel Floseq(otas-c. ent			1030. 350.00 135.00 1434.45 67.20 77.55
INT	QUANITY or UNITS 918 Mig 172 131 SK 320 #	PUMP CHARGE MILEAGE Ca5: 15 For Jon M: (es BD VGC 50150 ceme Sel Floseq(otas-c. ent			1030. 350.00 135.00 1434.45 67.20 77.55
INT 2 2 2 3	QUANITY or UNITS 918 Mig 172 131 SK 320 #	PUMP CHARGE MILEAGE Ca5: 15 For Jon M: (es BD VGC 50150 ceme Sel Floseq(otas-c. ent			1030. 350.00 135.00 1434.45 67.20 77.55
INT 2 2 2 3	QUANITY or UNITS 918 Mig 172 131 SK 320 #	PUMP CHARGE MILEAGE Ca5: 15 For Jon M: (es BD VGC 50150 ceme Sel Floseq(otas-c. ent			10 30.00 3.50.00 135.00 1434.45 67.20 77.55
INT 2 2 2 3	QUANITY or UNITS 918 Mig 172 131 SK 320 #	PUMP CHARGE MILEAGE Ca5: 15 For Jon M: (es BD VGC 50150 ceme Sel Floseq(21tas-c 2nt 5		ED	10 30.00 3.50.00 135.00 1434.45 67.20 77.55
2 7 C 3	QUANITY or UNITS 918 Mig 172 131 SK 320 #	PUMP CHARGE MILEAGE Ca5: 15 For Jon M: (es BD VGC 50150 ceme Sel Floseq(21tas-c 2nt 5	CANA		10 30.00 3.50.00 135.00 1434.45 67.20 77.55

nowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's sunt records, at our office, and conditions of service on the back of this form are in effect for services identified on this form