

Kansas Corporation Commission Oil & Gas Conservation Division

1166002

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 ☐ SHOW ☐ Gas ☐ D&A ☐ ENHR ☐ SIGW ☐ OG ☐ GSW ☐ Temp. Abd. ☐ CM (Coal Bed Methane) ☐ CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet Multiple Stage Cementing Collar Used?
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: 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 #:	Chloride content: ppm Fluid volume: bbls Dewatering method used: Location of fluid disposal if hauled offsite: Operator Name: License #: Quarter Sec Twp S. R
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 II III Approved by: Date:

Side Two



Operator Name:			Lease Name: _			_ Well #:		
Sec Twp	Sec TwpS. R							
time tool open and cl	osed, flowing and shu es if gas to surface te	nd base of formations pe at-in pressures, whether est, along with final chart well site report.	shut-in pressure rea	ched static level,	hydrostatic press	sures, bottom h	nole temperature, fluid	
Drill Stem Tests Take		☐ Yes ☐ No		og Formatio	n (Top), Depth ar	nd Datum	Sample	
Samples Sent to Geo	ological Survev	☐ Yes ☐ No	Nam	ne		Тор	Datum	
Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Cop	ed Electronically	Yes No Yes No Yes No						
List All E. Logs Run:								
			RECORD No-	ew Used ermediate, 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	
		ADDITIONA	L CEMENTING / SQI	JEEZE RECORD	1			
Purpose: Depth Top Bottom Protect Casing		Type of Cement	f Cement # Sacks Used		Type and Percent Additives			
—— Plug Back TD —— Plug Off Zone								
Shots Per Foot	PERFORATI Specify	ON RECORD - Bridge Plu Footage of Each Interval Pe	gs Set/Type rforated		cture, Shot, Cemen		d Depth	
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No			
Date of First, Resumed	Production, SWD or EN	IHR. Producing Me		Gas Lift C	Other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf Wat	er B	bls.	Gas-Oil Ratio	Gravity	
DISPOSITI	ON OF GAS:		METHOD OF COMPL	_		PRODUCTIO	ON INTERVAL:	
Vented Sol	d Used on Lease	Open Hole	Perf. Dually (Submit		mit ACO-4)			

WELL # KO-2 IdCATION:
SURFACE PIPE: 7" Ft ZO' Cement(#bags) &
PRODUCTION: 2 1/8 PIPE: 811.7 SIZE: =FT

				Thickness	Formation	Comment	Depth
hickness	Formation	Comment	Depth			Shale	420.5
		zlay	8	2.5		Sand	622
8		Lime	, 23	1.5		broken SAT	623
15		Shale	45			broken sa	1 624
22		1 i Me	58			Shale	635
13		Shale	155			Shale	673
97		Share	174	37		Dhall	682
19	-	1:me	201	10			492
27		shale	206	10		Shale	1. 19%
5		1:1016	244	4		sandy Sha	10 696
38		Shale		a			- 410
14		1; me	240	4			702
10		Shale	276	8		blk shale Shale White Sl Sandy sha	716
27		11 Me	297	-	1	Shale	126
9		Shorte	306	-	1	White SI	hale 728
		lime	327	1	1	Sandy she	le 730
21		Shale	331		-		
		lime	335	1-1	+	Shale	738
4		Shale	338	7		sand	740.
		lime	343	2.5		5 hale	776
5		Shale	498	35.5	5	Shale-	4
155		1;me	510			Shale	820
12		1 imcysh		33		Shale	0.2
45	5	1111112734	554				
1		lipue	5 40	The state of the s			71
4		Shale	56			82	o TD
3		1: me	575				
1:	2	Shale					
-		lime	57				
2	5	Shale	203				
-	cir		40	6			
5		11mc	20	0			
		1 ime	Les				7.
	i	Shale	418				
	7	41 it she	de 41.	3			
	2	Sandy She	10 21	3			
-	_	1 1 4	1 71				
	2 (0)	shale	61	8			



262120

LOCATION Oxtowa KS
FOREMAN Fred Mader

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

FIELD TICKET & TREATMENT REPORT CEMENT

G . 13	CUSTOMER#		ELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9-6-13 CUSTOMER	5000	Dowpi	say # AD.2	5 5 29	17	21	E'S
S+:	nger Ve	NAUVES		TRUCK#	DRIVER	TRUCK#	DRIVER
MAILING ADDRE	ess()			712	Fremad	THOUSE W	DRIVER
5113	East 1	UOV+L STATE	ST	495	Har Bec		
CITY	V	STATE	ZIP CODE	369	Del Mas	All - za	
Salin	a .	KS	67401	548	Mik Haa		
OB TYPE L	mastring 1	HOLE SIZE_	5 78 HOLE DEPTI	H_ 830-	CASING SIZE & V	VEIGHT 2%	
ASING DEPTH	811 9 1	RILL PIPE_	Baffle intubing@	780'		OTHER	
SLURRY WEIGH	T 8	BLURRY VOL			CEMENT LEFT IN		
HSPLACEMENT	_4.53BBU	DISPLACEME	ENT PSI MIX PSI		RATE		
REMARKS: Ho	ld crew	Safe	dy Meeking Es	tablish c	iventall	au. M.	0
100'	# Gol FI	ush.	Mix+ Pulmp	115 54.	\$ 50/50	On Mi	rump
Cen	unt 2%			I /sk Co	me y L	- Curk	<u> </u>
Flus	ch simo	4/14	closes. Disa	1000 78	Nulpha a	x plug i	ce.
Bat	fle. Pres	sure s	to 800# PSI. Ro.	1=0.50 114-6	TOOO Y		
Valu	e Shut	in co	25 Mg.	esse pre	ssure x	S & ext floo	*
			0				
					7.00		
1)+0	ch Dril	12			9	Q Male	
					Tu	y made	·
ACCOUNT	QUANITY o	UNITS	DESCRIPTION of	SERVICES or PRO	- I		
CODE				SERVICES OF PRO	DOCI	UNIT PRICE	TOTAL
5401			PUMP CHARGE		495		108500
5406			MILEAGE				N/C
5402	· 64		Casing Footes	70			NIC
5407	12 mini mo	m	Jon Miles				15400
5502C	1	2h1	CA PAI II	11/22			
			1 00 DAT VO	c Truck.			135-00
			FO BBL Ve	c Truck.			135-00
			1 SO DAL VA	c Truck.			/3500
/194					1	3-20111	/3v ⁻⁰⁰
1194		5 sks	50/50 Por M.	Ceman	1		/3s ⁻⁸⁵
1124		5 SKs	50/50 Por Mi Premium Ce	L Cemon	<i>x</i>		/32255 /32255
/124 11(8B) 1107A		5 sks	50/50 Por Mi Premium Ce	L Cemon	8		132255 6446 7830
1124		5 SKs	50/50 Por M.	L Cemon	1		/32255 /32255
/124 11(8B) 1107A		5 SKs	50/50 Por Mi Premium Ce	L Cemon	<i>Y</i>		132255 6446 7830
/124 11(8B) 1107A		5 SKs	50/50 Por Mi Premium Ce	L Cemon	8		132255 6446 7830
/124 11(8B) 1107A		5 SKs	50/50 Por Mi Premium Ce	L Cemon	1		132255 6446 7830
/124 11(8B) 1107A		5 SKs	50/50 Por Mi Premium Ce	L Cemon	<i>Y</i>		132255 6446 7830
/124 11(8B) 1107A		5 SKs	50/50 Por Mi Premium Ce	L Cemon	1		132255 6446 7830
/124 11(8B) 1107A		5 SKs	50/50 Por Mi Premium Ce	L Cemon	<i>x</i>		132255 6446 7830
/124 11(8B) 1107A		5 SKs	50/50 Por Mi Premium Ce	L Cemon			132255 (446 7830 2950
/124 11(8B) 1107A		5 SKs	50/50 Por Mi Premium Ce	L Cemon	7.8%	SALES TAX	132255 6446 7830
/124 11(88 1107A 4402		5 SKs	50/50 Por Mi Premium Ce	L Cemon		SALES TAX ESTIMATED TOTAL	132255 (446 7830 2950

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