

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1149762

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:		Sec	TwpS. R East West
Address 2:		Fe	et from North / South Line of Section
City: State: Zip:	+	Fe	et from East / West Line of Section
Contact Person:			Nearest Outside Section Corner:
Phone: ()			
CONTRACTOR: License #			
Name:			Well #:
			vven #
Wellsite Geologist:			
Purchaser:			
Designate Type of Completion:			Kelly Bushing:
New Well Re-Entry Wor	kover	Total Depth: Plu	g Back Total Depth:
Oil WSW SWD	SIOW	Amount of Surface Pipe Set	t and Cemented at: Feet
Gas D&A ENHR	SIGW	Multiple Stage Cementing C	Collar Used? 🗌 Yes 🗌 No
☐ OG ☐ GSW	Temp. Abd.	If yes, show depth set:	Feet
CM (Coal Bed Methane)		If Alternate II completion, ce	ement circulated from:
Cathodic Other (Core, Expl., etc.):		feet depth to:	w/sx cmt.
If Workover/Re-entry: Old Well Info as follows:			
Operator:			
Well Name:		Drilling Fluid Managemen (Data must be collected from th	
Original Comp. Date: Original Total Dept	:h:		
	Conv. to SWD	Chloride content:	ppm Fluid volume: bbls
		Dewatering method used: _	
Plug Back: Plug Back To	otal Depth	Location of fluid disposal if	hauled offsite:
Commingled Permit #:		Operator Name:	
Dual Completion Permit #:			
		Lease Name:	License #:
ENHR Permit #:		Quarter Sec	_ TwpS. R East West
GSW Permit #:		County:	Permit #:
	etion Date or		

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	1149762
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 Formatio	on (Top), Depth an	d Datum Top	Sample
Samples Sent to Geolog	gical Survey	Yes No		ame		юр	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, surface,	intermediate, produc	tion, 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 RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated			,		ement Squeeze Record I of Material Used)	Depth			
TUBING RECORD:	Siz	ze:	Set At:		Packer	At:	Liner R	un:	No	
Date of First, Resumed Pr	oduct	on, SWD or ENH	<i>₹</i> .	Producing N		oing	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	ər	Bbls.	Gas-Oil Ratio	Gravity
									1	
DISPOSITION	OF	BAS:			METHOD (OF COMPLE	TION:		PRODUCTION INTE	RVAL:
Vented Sold		Jsed on Lease		Open Hole	Perf.	Dually (Submit)		Commingled (Submit ACO-4)		
(If vented, Subm	it ACC	-18.)		Other (Specify)					



Oil & Gas Well Drilling Water Wells Geo-Loop Installation

Paola, KS 66071

Phone: 913-557-9083 Fax: 913-557-9084

WELL LOG Kansas Resource Exploration & Development, LLC Guetterman #KRI-4 API # 15-091-23,951 April 3 - April 5, 2013

Thickness of Strata	Formation	Total
10	soil & clay	<u>Total</u> 10
5	sandstone	15
3	shale	18
9	lime	27
6	shale	33
15	lime	48
9	shale	57
9	lime	66
9	shale	75
18	lime	93
18	shale	111
17	lime	128
. 7	shale	135
50	lime	185
25	shale	210
10	lime	220
14	shale	234
8	lime	242
5	shale	247
15	lime	262
2	shale	264
3	lime	267
20	shale	287
1	lime	288
12	shale	300
23	lime	323
10	shale	333
19	lime	352
4	shale	356
3	lime	
6	shale	359
5	lime	365
31	shale	370 base of the Kansas City
6		401
136	grey sand shale	407
5	lime	543
		548
3	shale	551
5	lime	554

Guetterman #KRI-4

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9	shale	563
5	lime	568
17	shale	585
3	lime	588
15	shale	603
1	lime	604
25	shale	
1	lime	629 red
11	shale	630
4	lime	641
63	shale	645 broken
2		708
4	broken sand	710 brown & grey, ok bleeding (gassy)
4	oil sand	714 brown, bleeding good
16	broken sand	718 brown & grey, ok bleeding (gassy)
	shale	734
1	coal	735
69	shale	804
1	coal	805
25	shale	830
1.5	broken sand	831.5 brown & whte, good bleeding
1.5	oil sand	833 brown, good bleeding
2.5	broken sand	835.5 brown & grey, ok bleeding
12.5	shale	848
1.5	coal	849.5
46.5	shale	896 TD

Drilled a 9 7/8" hole to 22' Drilled a 5 5/8" hole to 896'

Set 22' of 7" surface casing cemented with 6 sacks of cement

Set 8/81' of 2 7/8" 8 round upset tubing with 3 centralizers, 1 float shoe and 1 clamp.



257883

TICKET NUMBER 38696

LOCATION Ottawa KS

FOREMAN_Fred Made

Marl

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

020-431-9210	01 000-401-0010		CEMEN	1			
DATE	CUSTOMER #	WELL NAME & NUM	BER	SECTION	TOWNSHIP	RANGE	COUNTY
4/5/13	4448	Guetherman K	RI-4	NB 19	14	22	To
CUSTOMER	50 <u>000</u> 55			法国际领域和法律		Part of the Part o	1.11.11.11日X10144-3-5-
Kansas	5 Kesourc	es Expl + Deu.		TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDR	ESS			712	Fremad	Sufaty	nAd.
	w II			495	HarBec	143	
CITY	_	STATE ZIP CODE		675	Kei Dat	KD	
Overla	nd Park			503	Danpet	DD	
		HOLE SIZE 518	HOLE DEPTH	896	CASING SIZE & WI	EIGHT 278	EUE
CASING DEPTH	1 8810	DRILL PIPE	TUBING			OTHER	
SLURRY WEIGH	SLURRY WEIGHT SLURRY VOL WATER gal/sk CEMENT LEFT in CASING 2.24 "Plugs						
DISPLACEMEN	DISPLACEMENT 5, 12 BBC DISPLACEMENT PSI MIX PSI RATE 5 BPM.						
REMARKS:	6 Karew	meeting. Estal	blish p	ums rat	z. mix x	Pump 1	00 th Get
Flus	4. Mix	+ Pumpt 127 5					
phin	10 Seal/	sk. Cement +	o surfa	ce. Flus	hpumpeli	hes ched	24.
Disp	lace 2	· 2' Rubber pi 2 prossure to	lugs to	casing	TD. Pue	ssure X	0 800th
PS1.'	Releas	2 pressure to .	set Fl.	out value	. Shut m	- Casing.	
		/				0	

Evans Energy Der. Inc. Mitchell

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT		UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	495		103000
5406	# 30 mi	MILEAGE	495		12000
5402	881	Casing footoge			NK
5407	Minimusu	Ton miles			.350
55020	Zhrs	80 BBL Vac Truck			18009
	1275145	and an R 100 Man 4			
1124 1118B	314#	SULSO for Mix Cement Premium Gel			1390 ES 652
1107A	64	Phino Seal			825
4402	2	21/2" Rubber plugs			5600
			Com		
	N-1	hard and			
	11 11	2.0			
		7.	525%	SALES TAX	12003
avin 3737	KALAND			ESTIMATED TOTAL	339518
UTHORIZTION	(AUDO	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