

Kansas Corporation Commission Oil & Gas Conservation Division

1147976

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:	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 OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	Amount of Surface Pipe Set and Cemented at: Feet Multiple Stage Cementing Collar Used?			
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	Chloride content: ppm Fluid volume: bbls 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 #:	Quarter Sec Twp S. R			
☐ ENHR Permit #: ☐ GSW Permit #:	County: Permit #:			
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 Nan	ne:		_ Well #:		
Sec Twp	S. R	East West	County:					
INSTRUCTIONS: Show time tool open and clos recovery, and flow rates ine Logs surveyed. Att	ed, flowing and shut if gas to surface tes	in pressures, whethe st, along with final cha	r shut-in pressure	e reached static leve	l, hydrostatic pres	sures, bottom h	ole temperature, fluid	
Drill Stem Tests Taken (Attach Additional Sh	neets)	Yes No		Log Formati	on (Top), Depth a	nd Datum	Sample	
Samples Sent to Geolo	gical Survey	Yes No		Name		Тор	Datum	
Cores Taken Electric Log Run Electric Log Submitted (If no, Submit Copy)		Yes No Yes No						
ist All E. Logs Run:								
			NG RECORD [et-conductor, surface	New Used	ction, 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	
		ADDITION	IAL CEMENTING	/ SQUEEZE RECORI)		I	
Purpose: Depth Top Bottom Perforate Top Bottom Protect Casing Plug Back TD		Type of Cement	# Sacks Use	# Sacks Used Type and Percent A				
Plug Off Zone								
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Typ Specify Footage of Each Interval Perforated				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) De			
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No)		
Date of First, Resumed P	roduction, SWD or ENF	HR. Producing M	lethod:	Gas Lift	Other (Explain)			
Estimated Production Per 24 Hours	Oil E	Bbls. Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity	
DISPOSITION	N OF GAS:	· .	METHOD OF CC	MPLETION:		PRODUCTIO	ON INTERVAL:	
Vented Sold	Used on Lease	Open Hole	Perf.	Dually Comp. Co	ommingled			
(If vented, Subn		Other (Specify)	•	ubmit ACO-5) (Su	bmit ACO-4)			



Oil & Gas Well Drilling Water Wells Geo-Loop Installation

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

Paola, KS 66071

WELL LOG

Kansas Resource Exploration & Development, LLC Guetterman #KRI-26 API # 15-091-23,975

December 3 - December 5, 2012

Thickness of Strata	<u>Formation</u>	<u>Total</u>
21	soil & clay	21
11	shale	32
3	lime	35
9	shale	44
15	lime	59
10	shale	69
9	lime	78
8	shale	86
17	lime	103
20	shale	123
23	lime	146
14	shale	160
39	lime	199
20	shale	219
9	lime	228
17	shale	245
10	lime	255
5	shale	260
20	lime	280
31	shale	311
7	lime	318
4	shale	322
17	lime	339 oil show
1	shale	340
7	lime	347
7	shale	354
11	lime	365
4	shale	369
5	lime	374
2	shale	376
6	lime	382 base of the Kansas City
172	shale	554
8	lime	562 oil show
1	shale	563
4	lime	567
6	shale	573
9	lime	582
12	shale	594
3	lime	597
9	iiiio	001

Guetterman #KRI-26		Page 2
6	shale	603
8	lime	611
24	shale	635 red
7	lime	642
70	shale	712
10	broken sand	722 brown & shale, light bleeding (gassy)
3	silty shale	725
18	shale	743
3	lime	746
22	shale	768
1	coal	769
39	shale	808
1	coal	809
24	shale	833
3	oil sand	836 brown, good bleeding
2	broken sand	838 80% brown sand, 20% grey shale, light bleeding
2.5	broken sand	840.5 30% brown sand, 705 silty shale, light bleeding
4.5	shale	845
3	silty shale	848
4	shale	852
1	coal	853
29	shale	882 TD

Drilled a 9 7/8" hole to 22.3' Drilled a 5 5/8" hole to 882'

Set 22.3' of 7" surface casing cemented with 6 sacks of cement

Set 872' of 2 7/8" 8 round upset tubing, with 3 centralizers, 1 float shoe, & 1 clamp.



Ravin 3737

AUTHORIZTION

TICKET NUMBER LOCATION Oxtawa FOREMAN Fred

SALES TAX

ESTIMATED TOTAL

DATE

	nanute, KS 6672 or 800-467 - 8676		CEMEN		ORI		
DATE	CUSTOMER#	WELL	NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12/5/12	4448+	Guetter	Man # KRI-26	NE 19	14	22	50.
CUSTOMER	- D	5	1.10	TOLION		1.20 Pt 8:400	W. Carrie
MAILING ADDRE	as Resour	ices Eyp	14 Deu	TRUCK#	DRIVER	TRUCK#	DRIVER
			<i>x</i>	506	Fre Mad	Satery	My
93 9,3 CITY	10 110	Th STATE	ZIP CODE	495	Harbec	HB O	0
		K5	66210	369	Der Mas	DM	-
	nd Park		1 7	503	BreMan	BM	- 112
	4	HOLE SIZE	***	882	CASING SIZE & W		POP
CASING DEPTH		DRILL PIPE	TUBING	t.	05115115155	OTHER_	01
SLURRY WEIGH	.5		WATER gal/s				Plugs
			T PSI MIX PSI		RATE 5 BPN	. 0	-:
REMARKS: ES	itablish p	omp rat	. Mix x Pump	00 60	Flushi M	1xx Pump	
			Mix Coment 2				
			e, Flush p				
			s to casin				#=
PS.	1- Releas	e press	use to set for	Jax Valu	c. Shut i	1 casky	*
							22 1 1/4
					4	,	
Evan	ns Energy	Dev. Z	Inc - Mitchell		Jud YV	lache	
		<u> </u>					
ACCOUNT CODE	QUANITY	or UNITS	DESCRIPTION of	SERVICES or PRO	DDUCT	UNIT PRICE	TOTAL
5401		/	PUMP CHARGE		495		103000
5406			MILEAGE				N/C
5402		872	Casily Foota	72			NIC
5407	Missisma	m	Ton Miles		503		35000
5502C	. /	zh-	80 BBL Vac T	ruck	369		13500
			*				
						9	
1124	11	122 SKS	50/50 Por Mix	Coment			133590
11188		305#	Premium Gel		- 4		6405
		605 10 C#	Pheno Soal				78 69
110714			2/2" Rubbar &	0,		1.	28 =
H402		2	22 K1) 66 m. E	lugs	- Agraphic Control of the Control of		5600
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					1200		
			-			maladad	
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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

TITLE_