

Kansas Corporation Commission Oil & Gas Conservation Division

1143020

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 Twp S. R 🗌 East 🗌 West			
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 ☐ 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?			
If Workover/Re-entry: Old Well Info as follows:	·			
Operator: Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)			
Original Comp. Date: Original Total Depth: Conv. to ENHR	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 TwpS. R			
☐ ENHR Permit #: ☐ GSW Permit #:	County: Permit #:			
Spud Date or Date Reached TD Completion Date or Recompletion Date 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 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: —— Perforate —— Protect Casing —— Plug Back TD	Ose: Depth Type of Cement # Sac Perforate Protect Casing		# Sacks Use	ed Type and Percent Additives			
Plug Off Zone							
Shots Per Foot	Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated				acture, Shot, Cemer Amount and Kind of M		d Depth
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)		



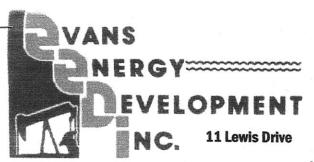
TICKET NUMBER___ LOCATION Offaur KS FOREMAN Fred Maden.

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

FIELD TICKET & TREATMENT REPORT

620-431-9210	or 800-467-8676			CEMEN	11			
DATE	CUSTOMER#		L NAME & NUM	IBER .	SECTION	TOWNSHIP	RANGE	COUNTY
12/5/12	4448	Guetter	man #	KRI-7	NW 20	14	22	70
CUSTOMER		- 5v./v	· \ .		TDUOK#			
MAILING ADDRE	Resouve ss	es Expir	Dev.	4	TRUCK#	DRIVER	TRUCK#	DRIVER .
					506	FreMad		My
7373 CITY	w 110	STATE	ZIP CODE	-	369	Har Ber	AB	0
		KS	66210			Der Mas	DM	
Over land	4	HOLE SIZE	1	HOLE DEPTH	1 520	CASING SIZE & W	BM 376	FUR
		-		TUBING	1		OTHER	<u>, </u>
CASING DEPTH 910 DRILL PIPE TUBING SLURRY WEIGHT SLURRY VOL WATER gal/s			:k	CEMENT LEFT in	CASING 7.7	" Plan		
	5.29 BBL					RATE SAPM		3 P 10g5
						13/1×		
/ L/ Q	CKE STALL	pung ra		- PUMP 70	(. 1 '5 # DI	un Seul/s	TUND OF	<u></u>
					m, Displan			
10 30	La Ce -	1050 000	MP + CIX	Xa	FORE DU	Rolpase p.	2" rub6	er
	ex floor					Rollase p.	ressure	
10.5	ex Tloox	.value,	ONDY.	n casin	7	<u> </u>		
					<u> </u>			
F		2	T - ~ 1/1	7.1.11		A 0/1-	Que	
Evan	15 Energy	Dou-	mc. Try	· Fonet		Jud INO		
ACCOUNT	QUANITY	or UNITS	n.	ESCRIPTION of	SERVICES or PRO	DDUCT	LIMIT DDICE	7074
CODE	QUARTIT	/	 		OLK VIOLES OF THE		UNIT PRICE	TOTAL
5401		<u>(</u>	PUMP CHARC	<u> </u>	······································	49.5		103000
3406		710	MILEAGE	<u> </u>		495	•	NC
5402			1.	Footag	4			NIC
5407	Minimu			Miles"		558	.	35000
5502C		Zhr	80 B	Be Vac	Truck	369		13.500
			,					
1124		485145	1 . /		x Cepunx			162060
1118B		249#	Premi	su ael		* 4		73 29
ACOIL		74#		Seal				9.5 46
4402		2.	22" R	ubber K	10g5			3600
						7		
							Comple	5_1
	A	A				March 1997		
	/_\/\/XI						4	
		1						
		A \				7.525%	SALES TAX	138 86
Ravin 3737	MALL	YV					ESTIMATED TOTAL	349921
AUTHORIZTION	194	1		TITLE	3		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



Oil & Gas Well Drilling Water Wells Geo-Loop Installation

Phone: 913-557-9083

Fax: 913-557-9084

WELL LOG

Paola, KS 66071

Kansas Resource Exploration & Development, LLC Guetterman #KRI-7

API # 15-091-23,954 November 30 - December 3, 2012

Thickness of Strata 9 35	Formation soil & clay shale	<u>Total</u> 9 44
3	lime	47
7	shale	54
3	lime	57
6	shale	63
2	lime	65
7	shale	72
14	lime	86
10	shale	96
8	lime	104
9	shale	113
16	lime	129
18	shale	147
18	lime	165
8	shale	173
50	lime	223
25	shale	248
9	lime	257
18	shale	275
17	lime	292
2	shale	294
10	lime	304
34	shale	338
7	lime	345
6	shale	351
12	lime	363
11	shale	374
22	lime	396
2	shale	398
4	lime	402
4	shale	406
7	lime	413 base of the Kansas City
174	shale	587
6	lime	593
3	shale	596
6	lime	602
3	shale	605
12	lime	609
	(101.00.00)	000

Guetterman #KRI-7		Ports 0
		Page 2
20	shale	629
4	lime	633
14	shale	
2	lime	647
23	shale	649
1	lime	672 red
36	shale	673
2	lime	709
40	shale	711
1	broken sand	751
5	oil sand	752 brown & grey, light bleeding
3	broken sand	757 brown, ok bleeding
50	shale	760 brown & grey, good bleeding
1	coal	810
19	shale	811
4		830
15	silty shale shale	834 grey & green, no oil
1	coal	849
24	shale	850
1.5		874
1.5	broken sand lime	875.5 lime & sand, ok bleeding
0.5	silty shale	877
0.5	broken sand	877.5
1.5	oil sand	878 brown & grey, good bleeding
3.5	broken sand	879.5 brown, good bleeding
2	silty shale	883 brown & grey, good bleeding
9	shale	885
- A	Silale	894 TD
Drilled a 9 7/8" hole to 22.2'		920 10
Drilled a 5 5/8" hole to 890"	220'	
The second field to day	120	

Set 22.2' of 7" surface casing cemented with 6 sacks of cement

Set 880' of 2 7/8" 8 round upset tubing, with 3 centralizers, 1 float shoe, & 1 clamp. $\ensuremath{\text{910}^{\prime}}$