

Kansas Corporation Commission Oil & Gas Conservation Division

1149900

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.

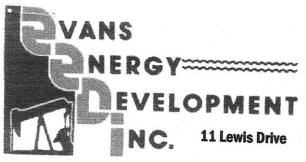
Submitted Electronically

KCC Office Use ONLY				
Letter of Confidentiality Received				
Date:				
Confidential Release Date:				
Wireline Log Received				
Geologist Report Received				
UIC Distribution				
ALT I 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 Ty — Perforate — Protect Casing — Plug Back TD		Type of Cement	# Sacks Use	# Sacks Used Type and Percent Additives			
Plug Off Zone							
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Dep		
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

Kansas City

Phone: 913-557-9083

Fax: 913-557-9084

WELL LOG

Paola, KS 66071

Kansas Resource Exploration & Development, LLC Guetterman #KRI-19 API # 15-091-23,965

February 14 - February 18, 2013

Thickness of Strata	F	
11	Formation	<u>Total</u>
5	soil & clay	11
13	sandstone shale	16
4	lime	29
6	shale	33
4	lime	39
6	shale	43
2	lime	49
6	shale	51
16	lime	57
10	shale	73
7	lime	83
10	shale	90
15	lime	100
19	shale	115
18	lime	134
8	shale	152
6	lime	160
3	shale	166
5	lime	169
6	shale	174
28	lime	180
25	shale	208
9	lime	233
18	shale	242
6	lime	260
4	shale	266
12	lime	270
3	shale	282
3	lime	285
39	shale	288
19	lime	327
9	shale	346
22	lime	355
3	shale	377
6	lime	380
4	shale	386
5	lime	390
		395 base of the

Guetterman #KRI-19		Page 2
173 4 8 1 6 4 18 2 3 1 10 1 24 2 3 1 73 7 2 1 47 1 13 3 1 48 2	shale lime shale coal shale lime shale lime shale coal shale lime shale lime shale lime shale lime shale grey sand coal shale grey sand coal shale silty shale	568 572 580 581 587 591 609 611 614 615 625 626 650 red 652 655 656 729 736 brown & grey, light bleeding (gassy) 738 brown, ok bleeding (gassy) 739 brown & grey, light bleeding (gassy) 786 787 800 803 804 852 854
1		

873

874

905 TD

855 brown & white, good bleeding

860 brown & white, good bleeding

857 brown, good bleeding

Drilled a 9 7/8" hole to 22' Drilled a 5 5/8" hole to 905'

1

2

3

13

1

31

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

Set 890' of 2 7/8" 8 round upset tubing with 3 centralizers, 1 float shoe and 1 clamp.

broken sand

broken sand

oil sand

shale

coal

shale



38847 TICKET NUMBER LOCATION Oxfama FOREMAN Fred

SALES TAX

ESTIMATED TOTAL

12542

Ravin 3737

AUTHORIZMON !

DATE	or 800-467-8676		CEI	MENT	and the		
	CUSTOMER#		L NAME & NUMBER	SECTIO	N TOWNSHIP	RANGE	COUNTY
2/18/-13 CUSTOMER	4448	Guette	rman SIRT-1	9 NE 19	14		
	D			产于2000		22	100
MAILING ADDR	Resource	S LYPI L	Dev.	TRUCK	# DRIVER	TRUCK#	DRIVER
9393		J. h.		506	FreMad	Safet	mx
CITY	ω // c	STATE	ZIP CODE	495	- Her Bec	HBd	7
Overland	10-4	KS		369		DM	
JOB TYPE LO		HOLE SIZE	578 HOLES	55		BM	
CASING DEPTH	/ ~~ _			DEPTH 905	CASING SIZE &	WEIGHT 278	EUF
SLURRY WEIGH		DRILL PIPE	TUBING			OTHER	
DISPLACEMENT		SLURRY VOL_		gal/sk	CEMENT LEFT I	CASING 2-2	RubburA
REMARKS: H					RATE S 12 4	2 1/2	0
		meet in	To Establis	in pump	cati. Mixx	Puma 10	00#
Gel	Flush.	MIX 4	20mp 133	5 Ks 50	150 Pm M	Maria X	700
<u>Cel</u>		z Pheno	Seal/sk.	comenx x	~ < · · · ~	~/	1
a lin	ev- Clean	10010	ce x . 2/2	Rubber of	ogs to cas	les Th	mp
	ave to x	00 # PS1	· Rolease Di	ressure X	o set float	1900	
She	14 M Ca.	5, hs -				vacos.	
		· · ·					
					1		
Eva	ns Energ	y Dev. T	Purc Mita	do 11	4.0	Malli	· .
	10		11111		1-400 1	ware.	
ACCOUNT	QUANITY or	UNITS	DESCRIPTIO	N of SERVICES	DDODUG-	T	
CODE			DESCRIPTION of SERVICES or PRODUCT			UNIT PRICE	TOTAL
5401			PUMP CHARGE		495		103000
5406	3	Romi	MILEAGE		795		.1.2009
5402		90'	Casing fo	otage			
5407	Minim	on	Ton Miles		558		NIC
5502C	Zh	rs	80 18 BL Va.	e Truck	369		35000
					0 67		18000
1124	75	33 5/6	50/5-0	22 0			
1118B		24 [#]	50/50 Por		nx		145635
		2 4	Premium	rel		(* 6.	68-7
11079		67#	Phino Seal 21/2" Rubbe				86 43
4402	2		'22 Rubbe	r Plugs,			5600
							30
	•						1
							9
	<u></u>					000000	
					1 A - 1	C. The state of	2 00 00

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.

TITLE