

Kansas Corporation Commission Oil & Gas Conservation Division

1149864

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:
	Amount of Surface Pipe Set and Cemented at: Feet
Gas D&A ENHR SIGW	Multiple Stage Cementing Collar Used? Yes No
☐ OG ☐ GSW ☐ Temp. Abd.	If yes, show depth set:
CM (Coal Bed Methane)	If Alternate II completion, cement circulated from:
Cathodic Other (Core, Expl., etc.):	feet depth to:w/sx cmt.
If Workover/Re-entry: Old Well Info as follows:	sx cm.
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	Chloride content: ppm Fluid volume: bbls
Conv. to GSW	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 #:	
☐ ENHR Permit #:	Quarter Sec. Twp. S. R. East West
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.

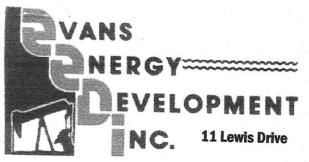
Submitted Electronically

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 N	lame:			Well #:		
Sec Twp	S. R	East] West	County:						
INSTRUCTIONS: Sh time tool open and clo recovery, and flow rat line Logs surveyed. A	osed, flowing and shu es if gas to surface te	t-in pressures st, along with	s, whether s final chart(s	hut-in press	ure reach	ed static level,	hydrostatic pres	ssures, bottom h	nole temp	erature, fluid
Drill Stem Tests Taker (Attach Additional		Yes	No		Log	g Formation	n (Top), Depth a	nd Datum		Sample
Samples Sent to Geo	logical Survey	Yes	No		Name			Тор		Datum
Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Cop)	d Electronically	☐ Yes ☐ Yes ☐ Yes	No No No							
List All E. Logs Run:										
		Report a		RECORD	New	Used	on, etc.			
Purpose of String	Size Hole Drilled	Size C Set (In	asing	Weig Lbs. /	ht	Setting Depth	Type of Cement	# Sacks Used	, ,,	and Percent additives
		<u> </u> 	DDITIONAL	CEMENTIN	IG / SQUE	EZE RECORD				
Purpose: — Perforate — Protect Casing — Plug Back TD — Plug Off Zone Depth Top Bottom Type of Cement			Cement	# Sacks	Used		Type and	Percent Additives		
Shots Per Foot	PERFORATION RECORD - Bridge Plugs S Specify Footage of Each Interval Perfora						cture, Shot, Ceme mount and Kind of N	nt Squeeze Record Material Used)	d 	Depth
TUBING RECORD:	Size:	Set At:		Packer At:		Liner Run:				
							Yes N	0		
Date of First, Resumed	Production, SWD or EN	IHR. Pr	oducing Meth	nod:	g 🗌 G	as Lift C	Other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	BI	ols.	Gas-Oil Ratio		Gravity
DISPOSITI	ON OF GAS:		N	METHOD OF	COMPLET	TION:		PRODUCTIO	ON INTER	VAL:
Vented Solo	Used on Lease		n Hole	Perf.	Dually (nmingled mit ACO-4)			
(11 verneu, 3u	10./	Othe	r (Specify)				I —			



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-14 API # 15-091-23,958

February 12 - February 14, 2013

Thiskness of Ot		. 44.7	
Thickness of Strata	Formation	<u>Total</u>	
9	soil & clay	9	
5	sandstone	14	
11	shale	25	
2	lime	27	
7	shale	34	
4	lime	38	
5	shale	43	
2	lime	45	
8	shale	53	
15	lime	68	
9	shale	77	
8	lime	85	
9	shale	94	
17	lime	111	
23	shale	134	
14	lime	148	
6	shale	154	
50	lime	204	
24	shale	228	
10	lime	238	
15	shale	253	
8	lime	261	
8	shale	269	
9	lime	278	
5	shale	283	
3	lime	286	
32	shale	318	
7	lime	325	
2	shale	327	
14	lime	341	
10	shale	351	
20	lime	371	
4	shale	375	
1	lime	376	
7	shale	383	
5	lime		Vanage O'
174	shale	388 base of the 562	Nansas City
5	lime		
		567	

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(21)	ottor	mon	#KR	1 4 4
O.	CHEL	111211	#h R	1-14

Dage	٠,
raye	: 4

Drilled a 9 7/8" hole to 22' Drilled a 5 5/8" hole to 908'

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

Set 893' of 2 7/8" 8 round upset tubing with 3 centralizers, 1 float shoe and 1 clamp.



CUSTOMER#

4448

WELL NAME & NUMBER

Suetherman

TICKET NUMBER LOCATION 04ta FOREMAN_

RANGE

55

COUNTY

VO

TOWNSHIP

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

DATE

FIELD TICKET & TREATMENT REPORT CEMENT

KRI-14

SECTION

1 11	7 - 1						
Kansa MAILING ADDR	s Resources Expla	Dev	ļ [TRUCK#	DRIVER	TRUCK#	DRIVER
		- /	-	506	Fre Made	Safet	y mix
CITY .	W /10 ±\ 5+	Ste 500		495	Keicar	KC 0	
	nd Park 165	66210	-	675	Mik Hoa	MK	
JOB TYPE La		578]	22 kz	Bre Man	BM	
CASING DEPTH			HOLE DEPTH_	908	CASING SIZE & V		EUE
	TSLURRY VOL		TUBING			OTHER	2 01
	5.1988 DISPLACEMEN		WATER gai/sk_ MIX PSI		CEMENT LEFT in	CASING 24	Pre
REMARKS: H.	eld kvew meeting	B. F.s.	a 6115 b a.		RATE SBON	1	
Flush.	Mix roump	126 SKS	10/15× pc	ma ras	ement 2%	ump 100	# Gel
Pheno	Scal/sk. Cemen	x + 5	045050	7/11×6	ement 2/0	hel /2	
Disolo	2- 2- 2/2 / Zut	ber 16	Jes you	5000	pompt 1	mes cla	800 H
PS/.	Rolease pressur	e to se	X floor	Vature	Sh X	De 10	200.
			Zi Tingx	- www.	SHIPIN	casing,	
Evan	is Energy Dev J	Cur.			7.0	V11-0	
	/0				1500	Vacu	
ACCOUNT CODE	QUANITY or UNITS	DES	SCRIPTION of SE	RVICES or PRO	DDUCT	UNIT PRICE	TOTAL
5401		PUMP CHARGE	=		495		10.2.00
5406	30 mi	MILEAGE			495		12000
5402	893	Casin	g footoge	o .	., 0		
5407	Minimon		Miles		558		350°=
5502C	2 hrs	80 BB		rucle.	675		18000
					0.3		700
*							
				-			
1124	126 5145	50/50	Por Mix	C X			13 50 79
1118B	3/2#	0.	om Gel				137979
1107 A	/ ₂₃ #	Pheus S					6552
777.	% 0	Freus O	Cal				8127
				·	-		
						A	
							99888631 ·
						- Serie	
1						-	
	111				7. 525%	SALES TAX	114.87
Ravin 3737	1/1/1/1/1/					ESTIMATED	114
AUTHORITION	XIII III		CONTRACTOR TOTAL			TOTAL	332136
AUTHORIZION_	VIV		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 for