

Kansas Corporation Commission Oil & Gas Conservation Division

139279

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:			
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: Onv. 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 #:			
GGW Fellill #.				
Spud Date or Date Reached TD Completion Date or 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

1139279

Operator Name:			Lease Name	ə:		_ Well #:	
Sec Twp	S. R	East West	County:				
ime tool open and clo	sed, flowing and shut s if gas to surface tes	d base of formations pe -in pressures, whether st, along with final chart well site report.	shut-in pressure	reached static leve	l, hydrostatic pres	sures, bottom h	ole temperature, fluid
Orill Stem Tests Taken (Attach Additional S		Yes No		Log Formati	on (Top), Depth ar	nd Datum	Sample
Samples Sent to Geole	ogical Survey	Yes No	N	lame		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted (If no, Submit Copy,	I Electronically	Yes No Yes No Yes No					
List All E. Logs Run:							
		CASING Report all strings set	RECORD	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
		ADDITIONA	L CEMENTING /	SQUEEZE RECOR	D		
Purpose: — Perforate — Protect Casing — Plug Back TD — Plug Off Zone	Depth Top Bottom	Type of Cement	# Sacks Used	1	Type and Percent Additives		
Shots Per Foot	PERFORATIO Specify F	ON RECORD - Bridge Plu ootage of Each Interval Pe	gs Set/Type erforated		acture, Shot, Cemen		d Depth
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No		
Date of First, Resumed I	Production, SWD or ENI	HR. Producing Me	thod:	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours	Oil E	Bbls. Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITIO	Used on Lease	Open Hole		ually Comp.	ommingled ubmit ACO-4)	PRODUCTIO	ON INTERVAL:



TICKET NUMBER 39051

LOCATION Of Jawa KS

FOREMAN Fred Made

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

AUTHORIZTION_

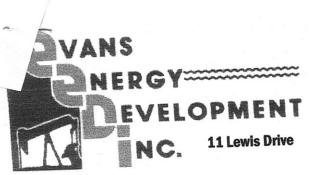
FIELD TICKET & TREATMENT REPORT

620-431-9210	or 800-467 - 8676	j	CEMEN	T			. *
DATE	CUSTOMER#	WELL NAME & NUM	MBER	SECTION	TOWNSHIP	RANGE	COUNTY
12/18/12	4448	Guetterman #	KR 22.	NE 30	14	22	0.
CUSTOMER	^					22	00.
Kai	usas Reso	orces Expl + Deu.		TRUCK#	DRIVER	TRUCK#	DDIVED
MAILING ADDRE	ESS	,		506	Fre Mad	- Sa Like	DRIVER
9397	3 W 11	10th 54.		495	Hov Boc	MA	way
CITY		STATE ZIP CODE		505/7106	Jas Ric	JR	0
Overlan	L& Park	KS 66210		558	Bre May.	BM	
JOB TYPE LO	ng string	HOLE SIZE 5 7/8	_ HOLE DEPTH	925	CASING SIZE & W		FUE
CASING DEPTH	915'8	DRILL PIPE	_TUBING			OTHER	
SLURRY WEIGH	IT	SLURRY VOL	WATER gal/s	k	CEMENT LEFT in	CASING 2/2	Pluc
DISPLACEMENT	5.32 BB	DISPLACEMENT PSI	MAIN DOL		D 17 00	^	0
REMARKS: 5	-stablis	Louns rate.	Mixx Pu	ma 100#1	Gel Flush.	MizzPer	7.0
REMARKS: Establish pump rati. Mix+ Pump 100 th Cel Flush. Mix+ Pump 150 8ks 50/50 Poz Mix Cament 270 Cel 1/2# Pheno Seal /sk.							
Cen	rend to	surface. Flu	sh num	0 x 1, mes		splace à	7 -
2/2	" Rubbe	or plugs to ca	scolic of	N Press	ure to c	na & DCI	<u> </u>
Re	Lease PV	essive to sa	ex \$100x	Valve.	Shetin	Casilia	
,				: .		<u>as 10,2</u>	
				: /	1		
				1	1	-	
戶	vans Ene	rgy Dev. Inc.		<i>;</i>	Find VI	lace	
		10		1 .	/		
ACCOUNT							

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES of PRODUCT	UNIT PRICE	TOTAL
5401		PUMP CHARGE		103000
5406	30mi	MILEAGE_ /		12000
5402	915	Casing footoge		ple
5407	Min: mum	Ton Miles		35000
3501C	Zhrs	Transport 505/106		22400
		4,		~~.
		All and an area		:
1124	150 5145	50/50 Por Mix Cement		164250
1118-R-	·352#	Premium Calli.		7392
21074	75#	Phino Seal		9,6 75
4402	7	2/2" Rubbirlus		5600
				156-
		S. I I	-	
	·	Le martin de se	- Labad	
				i
			bar far i	1
/	MI	SCANNED		
201dp 2727	VAIN TO	7.525%	SALES TAX	140.65
Ravin 3737	11/11/11/11		ESTIMATED TOTAL	3 7:33,82

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.

157100



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 #KR-22 API # 15-091-23,943

December 13 - December 18, 2012

	December to Become	
Thickness of Strata	Formation	<u>Total</u> 4
4	soil & clay	
44	shale	48
5	lime	53
5	shale	58
2	lime	60
7	shale	67
14	lime	81
11	shale	92
8	lime	100
8	shale	108
17	lime	125
18	shale	143
15	lime	158
9	shale	167
50	lime	217
25	shale	242
9	lime	251
19	shale	270
6	lime	276
9	shale	285
7	lime	292
. 1	shale	293
5	lime	298
36	shale	334
25	lime	359
11	shale	370
20	lime	390
3	shale	393
4	lime	397
5	shale.	402
4	lime	406 base of the Kansas City
174	shale	580
6	lime	586
4	shale	590
3	lime	593
1	shale	594
1	coal	595
6	shale	601
5	lime	606
17	shale	623
4	lime	627

Guetterman #KR-22	Page 2
4 11 23 2 3 1 53 1 20 4 2 6 15 1 4 2 63 2 21 4.5 1 1 1.5 1	shale lime 642 shale 665 lime 667 shale 670 lime 671 shale 724 lime & shells 725 shale 745 oil sand 749 brown, ok bleeding broken sand 751 brown & grey, ok bleeding 757 brown & grey, minimal bleeding 772 coal 773 shale 779 shale 779 shale 842 coal 844 shale 865 broken sand 869.5 brown & lime, minimal bleeding 870.5 brown, good bleeding 871.5 brown, good bleeding 874 broken sand 873 brown, good bleeding 874 broken sand 875 brown & grey, light bleeding 874 broken sand 875 brown & grey, light bleeding 874 broken sand 875 brown & grey, light bleeding 925 TD

Drilled a 9 7/8" hole to 18.9' Drilled a 5 5/8" hole to 925'

Set 20' of 7" surface casing cemented with 6 sacks of cement

Set 915' of 2 7/8" 8 round upset tubing, with 3 centralizers, 1 float shoe, & 1 clamp.