

Kansas Corporation Commission Oil & Gas Conservation Division

1149553

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 ☐ 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.

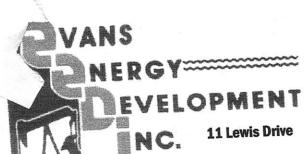
Submitted Electronically

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 Name: _			_ Well #:	
Sec Twp	S. R	East West	County:				
time tool open and clo	osed, flowing and shu es if gas to surface te	d base of formations pen t-in pressures, whether s st, along with final chart(well site report.	hut-in pressure rea	ched static level,	hydrostatic press	sures, bottom h	ole temperature, fluid
Drill Stem Tests Taker (Attach Additional		Yes No		og Formatio	n (Top), Depth ar	nd Datum	Sample
Samples Sent to Geo	ological Survey	☐ Yes ☐ No	Nam	е		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Copy	d Electronically	Yes No Yes No Yes No					
List All E. Logs Run:							
		Report all strings set-o		ermediate, producti	<u> </u>		
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
		ADDITIONAL	. CEMENTING / SQL	 JEEZE RECORD			
Purpose: —— Perforate —— Protect Casing	Depth Top Bottom	Type of Cement	# Sacks Used				
Plug Back TD Plug Off Zone							
	DEDEODATI	ON DECORD - Deider Blue	- O-4/T	Acid Fro	cture, Shot, Cemen	t Causana Dagar	
Shots Per Foot	Specify I	ON RECORD - Bridge Plug Footage of Each Interval Per	forated		mount and Kind of Ma		Depth
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No		
Date of First, Resumed	Production, SWD or EN	HR. Producing Meth		Gas Lift C	Other (Explain)		
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf Wat	er B	bls.	Gas-Oil Ratio	Gravity
DISPOSITI	ON OF GAS:		METHOD OF COMPLE	ETION:		PRODUCTIO	ON INTERVAL:
Vented Solo		Open Hole	Perf. Dually	Comp. Cor	nmingled		
(If vented, Su	bmit ACO-18.)	Other (Specify)	(Submit)	4CO-5) (Sub	mit ACO-4)		_



Oil & Gas Well Drilling Water Wells Geo-Loop Installation

Phone: 913-557-9083

Fax: 913-557-9084

Lewis Drive Paola, KS 66071

WELL LOG

Kansas Resource Exploration & Development, LLC
Guetterman #KR-10
API # 15-091-23,932
January 10 - January 14, 2013

	oanaa, i	•
	Formation	Total
Thickness of Strata	soil & clay	15
15	lime	38
23	shale	47
9	lime	55
8	shale	59
4	lime	61
2	shale	64
3		81
17	lime	100
19	shale	119
19	lime	125
6	shale	133
8	lime	135
2	shale	174 making water
39	lime	197
23	shale	207
10	lime	
15	shale	222
9	lime	231
8	shale	239
12	lime	251
6	shale	257
2	lime	259
17	shale	276
1	lime	277
10	shale	287
18	lime	305 oil show
2	shale	307
5	lime	312
8	shale	320
21	lime	341
4	shale	345
4	lime	349
2	shale	351
8	lime	359 base of the Kansas City
75.0	shale	532
173	lime	536
4	shale	539
3	lime	543
4	coal	544
1	shale	549
5	Silaic	

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Guetterman	#KR_10
Guetterman	WI (1 /- 10

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8	lime	557
14	shale	571
5	lime	576
11	shale	587
8	lime	595
23	shale	618 red
2	lime	620
76	shale	696
4	silty shale	700 grey
16	shale	716
- 1	coal	717
5	shale	722
3	lime	725
28	shale	753
5	grey sand	758
30	shale	788
1	coal	789
21	shale	810
2.5	oil sand	812.5 brown sand, minimal bleeding
2.5	broken sand	815
14	shale	829
1	coal	830 TD

Drilled a 9 7/8" hole to 22' Drilled a 5 5/8" hole to 810'

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

TICKET NUMBER	38726
LOCATION OFFac	wa KS
FOREMAN For	104 (

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

FIELD TICKET & TREATMENT REPORT

5.==	1			OLIVILIY				
DATE	CUSTOMER#	WEL	L NAME & NUM	BER	SECTION	TOWNSHIP	RANGE.	COUNTY
15/13	4448	Guette	rman # K	R-10	NE 19	14	22	7.0
CUSTOMER		500 <u>2</u> 7 85				1 1 1 1 1 1 1 1 1	ad	
Kansa	s Resourc	es Exol '	Dev		TRUCK#	DRIVER	TDLICK#	
MAILING ADDRE	SS						TRUCK#	DRIVER
i					506	Fre Mad	Sa Reh	not
7393	<u>u</u> 110	0 24			495	Halbec	HAV	
CITY .		STATE	ZIP CODE	1.			N	
A /-	nd Park	Xs	1.1218		370	Jaskic	5/5	
	71 7		66210		558	Bre Man	BM	
JOB TYPE	101	HOLE SIZE	578	HOLE DEPTH	830	CASING SIZE & W	FIGHT WIN	
CASING DEPTH		DRILL PIPE	1 11		to 70.		OTHER	
SLURRY WEIGH	Τ	SLURRY VOL_			k			1
DISPLACEMENT		DISPLACEMEN						
					-2			
REMARKS: E,	stablish c	-Brcvlax	. Pon Ihr	ru /" 7	ubing,	May Spax	JO 5/55	
Cen	nent at	TD- (10	0' p/us)	2611		00' Spax		
Cen	unt. Po	11 11	to 135	-6', FI		rface w/	C 2	
201			Tubina	Ton	FF 1.1.11	Wash oc	Centur	
TUL.		5	0		wen	Mash oc	, 7	
70-	7							
		1 /						4
	Total	650	145 50/5	TO Por	mix 6%	Gel Cenu	et	
			/ 000			/ .		
						1 100	adı	
		***************************************				Truck 100		
ACCOUNT						/		

ACCOUNT		/			
CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT		UNIT PRICE	TOTAL
5405N	/	PUMP CHARGE Play to Abandon	495		103000
5406	30 mi	MILEAGE D	475		120 69
5402	Minimon	Ton Miles			350 00
55020	2 thrs	80 BBL Vac Truck	370		. 18000
1124	LOS 5145	fromium Gel			71175
1118B	328#	fromium Gel			71175
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				- lalad	·
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-/\					
in 3737		7.6	25%	SALES TAX	5-874
	THATUD			ESTIMATED TOTAL	251937
JTHORIZTION)	TI NOT	TITLE		DATE	

l 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

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