

Kansas Corporation Commission Oil & Gas Conservation Division

1149835

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.

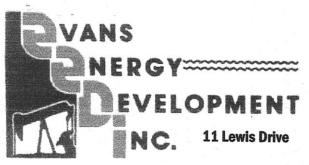
Submitted Electronically

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 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	nole 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: Depth Top Bottom Perforate Protect Casing		Type of Cement	# Sacks Used	Type and Percent Additives			
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	rated (Amount and Kind			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

WELL LOO

Paola, KS 66071

WELL LOG

Kansas Resource Exploration & Development, LLC Guetterman #KRI-9 API # 15-091-23,960 January 16 - January 18, 2013

Thickness of Strata	Formation	Total
19	soil & clay	19
2	shale	21
23	lime	44
9	shale	53
8	lime	61
9	shale	70
16	lime	86
20	shale	106
20	lime	126
6	shale	132
48	lime	180
24	shale	204
9	lime	213
15	shale	228
8	lime	236
9	shale	245
13	lime	258
5	shale	263
3	lime	266
27	shale	293
9	lime	302
3	shale	305
6	lime	311
3	shale	314
4	lime	318
10	shale	328
20	lime .	348
3	shale	351
5	lime	356
2	shale	358
7	lime	365
27	shale	392
8	sand	400 grey & green, making gas
136	shale	536
6	lime	542
8	shale	550
. 1	coal	551
5	shale	556
6	lime-	562

Gu	ett	or	ma	n	#1/		10
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15	shale	577
4	lime	581
6	shale	587
4	lime	591
2	shale	593
1	lime	594
29	shale	623 red
2	lime	625
73	shale	698
8	broken sand	
17	shale	706 brown & grey, light bleeding
1	coal	724
3	shale	727
3	lime	730
23	shale	753
1	coal	
38	shale	754
1	coal	792
22	shale	793
0.5	broken sand	815
2.5	oil sand	815.5 brown sand & lime, good bleeding
2		818 brown, good bleeding, few thin lime streaks
-	broken sand	820 85% brown sand, 15% lime & shale,
2	مالم براد	good bleeding
4	silty shale	822
1	shale	826
53	lime	827
55	shale	880 TD

Drilled a 9 7/8" hole to 22' Drilled a 5 5/8" hole to 880'

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

Set 870' of 2 7/8" threaded and coupled 8 round upset tubing with 3 centralizers, 1 float shoe and 1 clamp.



LOCATION Of Laws

FOREMAN Alan Madre

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

FIELD TICKET & TREATMENT REPORT

	or 800-467-8676			С	EMEN	IT				**
DATE	CUSTOMER#	WELL	NAME & N	UMBER		SEC	TION	TOWNSHIP	RANGE	COUNTY
1-18-13 CUSTOMER	4.448	Guester	ngn	KR	I-9	NE	19	14	22	20
Kansas	R Q.500	irces E	=+D	1.		TDI			· 中国公司公司	· · · · (* · · · · · ·
MAILING ADDRI	ESS	trues P	70	-			CK#	DRIVER	TRUCK#	DRIVER
9393	W 11	DX5				~		JIG Mark	Satery	Mest
CITY		STATE	ZIP CODE	_	1	368		11/1/GV	ARM	
Duer la	. //	165	66210	1		6/3		MisHag	MH	
			5/7			510	to ers	OPZ TUC	57	
	10mm 155	HOLE SIZE	<u> </u>		E DEPTH	1_8/	988	CASING SIZE & V	VEIGHT_2	8
CASING DEPTH		DRILL PIPE		TUB					OTHER	
SLURRY WEIGH	_	SLURRY VOL	00		ER gal/s			CEMENT LEFT in		5
DISPLACEMENT		DISPLACEMENT			PSI_2				om	
REMARKS:	ela creu	neet.		76/15			-	Mixed o	Jun &	red
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ACCOUNT	QUANITY	or UNITS		DESCRIP	TION of	SERVICE	S or PRO	DDUCT	UNIT PRICE	TOTAL
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= \	HUVIT	<u> </u>							TOTAL	3381.5
AUTHORIZTON	MADO			TITLE	i				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

251, AU1.