

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1202545

Form ACO-1 August 2013 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 🔲 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 #	GPS Location: Lat:, Long:				
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx)				
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84				
Purchaser:	County:				
Designate Type of Completion:	Lease Name: Well #:				
☐ New Well ☐ Re-Entry ☐ Workover	Field Name:				
☐ Oil ☐ WSW ☐ SIOW ☐ Gas ☐ D&A ☐ ENHR ☐ SIGW ☐ OG ☐ GSW ☐ Temp. Abd. ☐ CM (Coal Bed Methane) ☐ Cathodic ☐ Other (Core, Expl., etc.): ☐ If Workover/Re-entry: Old Well Info as follows: Operator: ☐ Well Name: ☐ Well Name:	Producing Formation: Kelly Bushing: Total Vertical Depth: Plug Back Total Depth: Fee Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Fee If Alternate II completion, cement circulated from: sx cm				
Original Comp. Date: Original Total Depth:					
□ Deepening □ Re-perf. □ Conv. to ENHR □ Conv. to SWD □ Plug Back □ Conv. to GSW □ Conv. to Producer	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)				
Commingled Permit #: Dual Completion Permit #: SWD Permit #:	Chloride content:ppm Fluid volume:bbls Dewatering method used: Location of fluid disposal if hauled offsite:				
☐ ENHR Permit #: ☐ GSW Permit #:	Operator Name:				
Spud Date or Date Reached TD Completion Date or Recompletion Date	QuarterSec. TwpS. REastWest County:Permit #:				

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.

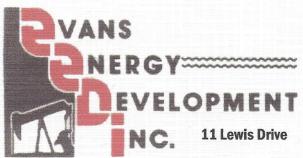
Submitted Electronically

KCC Office Use ONLY	
Confidentiality Requested	
Date:	
Confidential Release Date:	
Wireline Log Received	
Geologist Report Received	
UIC Distribution	
ALT I II III Approved by: Date:	

Page Two



Operator Name:			Lease Name:			Well #:	
Sec Twp	S. R	East West	County:				
open and closed, flow and flow rates if gas to Final Radioactivity Lo	ving and shut-in pressu to surface test, along w og, Final Logs run to ob	ormations penetrated. Dures, whether shut-in pre with final chart(s). Attach otain Geophysical Data a or newer AND an image t	essure reached stati extra sheet if more and Final Electric Lo	c level, hydrosta space is needed	tic pressures, bott d.	om hole tempe	erature, fluid recovery,
Drill Stem Tests Take		Yes No	L	og Formatic	on (Top), Depth an	d Datum	Sample
Samples Sent to Geo	ological Survey	Yes No	Nam	е		Тор	Datum
Cores Taken Electric Log Run		Yes No					
List All E. Logs Run:							
			RECORD Ne				
	Siza Hala	Report all strings set-o	1			# Cooks	Type and Parcent
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	EEZE BECORD			
Purpose: Perforate Protect Casing Plug Back TD	Depth Top Bottom	Type of Cement	# Sacks Used	ELECTRICOGNIS	Type and P	ercent Additives	
Plug Off Zone							
Does the volume of the		n this well? aulic fracturing treatment ex submitted to the chemical o		? Yes	No (If No, ski	o questions 2 and properties of the properties o	
Shots Per Foot		N RECORD - Bridge Plugootage of Each Interval Perl			cture, Shot, Cement		Depth
	- Cpany			, ,			23,500
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No		
Date of First, Resumed	Production, SWD or ENF	HR. Producing Meth		Gas Lift C	Other <i>(Explain)</i>		
Estimated Production Per 24 Hours	Oil B	bbls. Gas	Mcf Wate	er Bl	bls. G	as-Oil Ratio	Gravity
Vented Sole	ON OF GAS: d Used on Lease shmit ACO-18.)	Open Hole Other (Specify)	METHOD OF COMPLE Perf. Dually (Submit A	Comp. Con	nmingled mit ACO-4)	PRODUCTIO	ON INTERVAL:



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 Joeckel #KR-14 API # 15-121-30,062 March 31 - April 1, 2014

Thickness of Strata	<u>Formation</u>	<u>Total</u>
1.	soil & clay	
9	broken lime	10
114	shale	124
21	lime	145
17	shale	162
6	lime	168
33	shale	201
14	lime	215
13	shale	228
12	lime	240
1	shale	241
12	lime	253
7	shale	260
22	lime	282
3	shale	285
16	lime	301 base of the Kansas City
33	shale	334
1	sand	335 hard green sand
116	shale	451
2	lime	453 ok bleeding
10	limey shale	463 good oi Ishow (hard)
1	lime	464 no show
1	limey sand	465 good oil show
30	shale	495
6	lime	501
12	shale	513
4	lime	517
3	shale	520
1	coal	521
6	shale	527
7	lime	534
16	shale	550
2	lime	552
14	shale	566
3	lime	569
21	shale	590
4	lime	594
23	shale	617
1	coal	618

2	shale	620
4	*silty shale	624
4	broken sand	628 20% brown & black sand 80% shale minimal bleeding
8	silty shale	636
3	broken sand	639 60% ligh brown sand 40% shale no oil
5	silty shale	644
14	broken sand	658 80% light brown sand 20% shale no oil
4	silty shale	662
24	sand	686 light brown sand makes water
1	coal	687
21	shale	708
6	silty shale	714
10	shale	724
1	coal	725
6	shale	731
1	coal	732
3	shale	735
5	silty shale	740
4	shale	744
1	coal	745
26	shale	771
1	coal	772
8	shale	780 TD

Drilled a 9 7/8" hole to 23.6' Drilled a 5 5/8" hole to 780'

Set 23.6' of 7" surface casing cemented with 6 sacks of cement

This well was plugged from 790' to 520' then set 495.80' of 2 7/8" 8 round upset tubing with 3 centralizers, 1 float shoe 1 clamp and 1 baffle.

Baffle set 31.8' from bottom of tally.



267102

PO	Box	684,	Cha	nute,	KS	66720)
		-9210					

EIEI D TICKET & TREATMENT REPORT

DATE CUSTOMER# WELL NAME & NUMBER SECTION TOWNSHIP RANGE COUNTY -1-14 4448 Joechel KK-14 5W 13 17 STOMER TRUCK# DRIVER TRUCK# DRIVER	30x 684, Ch 431-9210 c	nanute, KS 6672 or 800-467-8676	20 FIEL	D HCKE	CEMEN					COUNTY
TRUCK & DRIVER TRUCK & DRIVER TRUCK & DRIVER SAME SAME SAME SAME SAME SAME SAME SAME				NAME & NUME			ON	TOWNSHIP	RANGE	COUNTY
TRUCK B DRIVER TRUCK B DRIVER TRUCK B DRIVER TRUCK B DRIVER 1 30 A and Mad Safe & Me 2 3 9 3 W 10 t 5 2 10 C 10 A and Mad Safe & Me 2 2 10 C 10 B TYPE LANG SIZE A WEIGHT 2 12 C 10 B TYPE LANG SIZE A 12 B TYPE LANG SIZE A WEIGHT 2 12 C 10 B TYPE LANG SIZE A 12 B TYP	-1-14	4448	Joe ck.	1 /4	1 14-14		13		22	NI,
Sansas Kescurces Las 13 93 W 10 ft 10 Ver and Pork KS beside 13 130 Alan Mal Sate of Mee 13 130 Alan Mal Sate of Mee 13 13 Men Mal Sate of Mee 14 14 Men 15 Men Mee 16 Men Mee 17 Men Mee 18 18 Men Med Mee 18 18 Men Mee 18 18 Me										DRIVER
AS 93 W 110 STATE ZIPCODE 23 93 W 110 STATE ZIPCODE B TYPE LOUS STATE B THE LOUS		as Keso	runces l	C47	-	TRUCI	7~	Alma Ma	0 54 Fo	y Me
BYPE LOUSSYLLAS. BYPE L	LING AUDRI	2	10 th			248	30	Dal Mal)	J	-
BYPE LOUSSYLLAS. BYPE L	<u>43 9</u>	3 W	ISTATE	ZIP CODE	-	369		Dec Mas		
BYPE DOUS STAINS. HOLE SIZE 57% HOLE DEPTH 78D CASING SIZE & WEIGHT 79% SING DEPTH 495.8 DRILL PIPE TUBING RATE 4 AM DISPLACEMENT A.7 DISPLACEMENT PSI 80D MIX PSI 80D RATE 4 AM MARKS: Held meeting fan 495.8 of Lagsing in hele below 280' MARKS: Held meeting fan 495.8 of Lagsing in hele below 280' Drive of drill steel Mixel & Pum pel 36.5 to 50/50 Cement of drill steel Mixel & Pum pel 36.5 to 70/50 Cement of drill steel and 25 to 70/50 Cement of drill steel and 25 to 70/50 Cement of drill steel below 27 to 50/50 Cement of drill steel below 28 to 70/50 Cement of drill below 28 to 70	_ 1	. 0 D. v		The state of the same		5723				
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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.