

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1242497

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 ☐ SWD ☐ SIOW	Producing Formation:
☐ Gas ☐ D&A ☐ ENHR ☐ SIGW	Elevation: Ground: Kelly Bushing:
☐ OG ☐ GSW ☐ Temp. Abd.	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used? Yes No
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set:Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD	Drilling Fluid Management Plan
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls
☐ Commingled Permit #: ☐ Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
ENHR Permit #:	·
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R
Recompletion Date Recompletion Date	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 Na	ıme:			Well #:	
Sec Twp	S. R	East V	West	County: _					
open and closed, flow and flow rates if gas t Final Radioactivity Lo	ow important tops of for ving and shut-in pressu o surface test, along wi g, Final Logs run to ob ed in LAS version 2.0 o	res, whether s ith final chart(s tain Geophysi	shut-in pres s). Attach ical Data a	ssure reache extra sheet i nd Final Elec	ed station f more ctric Lo	c level, hydrosta space is neede	atic pressures, ed.	bottom hole temper	erature, fluid recovery,
Drill Stem Tests Taker (Attach Additional		Yes	☐ No		L	og Formati	on (Top), Deptl	h and Datum	Sample
Samples Sent to Geo	logical Survey	Yes	No		Name	Э		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ Yes	☐ No ☐ No						
List All E. Logs Run:									
			CASING F	RECORD	Ne	w Used			
		Report all s	strings set-co	onductor, surfa	ace, inte	rmediate, product	tion, etc.		
Purpose of String	Size Hole Drilled	Size Cas Set (In O		Weight Lbs. / F		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
		ΔD	DITIONAL	CEMENTING	2 / 9011	EEZE RECORD	<u> </u>		
Purpose: Perforate Protect Casing Plug Back TD	Depth Top Bottom	Type of Ce		# Sacks U		ELECTION IN		nd Percent Additives	
Plug Off Zone									
Does the volume of the t	ulic fracturing treatment or otal base fluid of the hydraring treatment information	aulic fracturing to			-	Yes [No (If No	o, skip questions 2 ar o, skip question 3) o, fill out Page Three	
Shots Per Foot		N RECORD - E					acture, Shot, Cen	nent Squeeze Record	d Depth
	opeony i e	orage or Each I	interval i ent	Stated		(2	inodin and Nina o	i material Oscoj	Бери
TUBING RECORD:	Size:	Set At:		Packer At:		Liner Run:	Yes	No	
Date of First, Resumed	Production, SWD or ENH		ducing Meth	od: Pumping		Gas Lift (Other (Explain)		
Estimated Production Per 24 Hours	Oil Bl	bls.		Mcf	Wate		Bbls.	Gas-Oil Ratio	Gravity
Vented Solo	ON OF GAS: Used on Lease bmit ACO-18.)	Open I		ETHOD OF C	1	Comp. Co	mmingled	PRODUCTIO	ON INTERVAL:



270903

TICKET NUI	MBER	48164	
LOCATION	0+7	gwg	
FOREMAN	Ala	1 Male	

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

FIELD TICKET & TREATMENT REPORT CEMENT

HARDASSES SOURCES ET) MALING ADDRESS G3G3 W 110 15 DVC) GND PORT KS WOOD DVC) GND PORT KS WOOD DOSTYPE LONG STATE VIDEOUB JET WOOD DOSTYPE LONG STATE VIDEOUB TUBBOO THE COMPT OF TUBB	DATE	CUSTOMER#	WELL	NAME & NUM	BER	SECTION	TOWNSHIP	RANGE	COUNTY
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OD T GEL TO LOWED BY 78 SK 5D/D CEMENT Plas 225 gold of 12 phend segl per SGat. Circulated cement. Flushed fluma fumbed plac to Casins bettle. Well held 800 fbt. Set float. Closed value. Utah, hon ACCOUNT CODE QUANITY or UNITS DESCRIPTION of SERVICES or PRODUCT UNIT PRICE TOTAL STOLL 1 PUMP CHARGE 368 1085 3706 25 MILEAGE 368 1085 3707 2544, 7 Casins footage. 368 368 3707 2544, 7 Casins footage. 368 368 3502C 21/2 80 Uge 370 2500 2500 11/2 h 78 50150 cement 897 20 11/2 h 78 50150 cement 897 20 11/2 h 78 39 50150 cement 897 20 11/2 h 78 39 Pheno Sed 526 30% 300 14 1 11/8 10 1000 47 1 125 30% 300 14 1 11/8 1000 1000 47 1 125 30% 300 14 1 11/8 1000 1000 47 1 125 30% 300 14 1 11/8 1000 1000 47 1 125 30% 300 14 1 11/8 1000 1000 47 1 125 30% 300 14 1 11/8 1000 1000 47 1 125 30% 300 14 1 11/8 1000 1000 47 1 125 30% 300 14 1 11/8 1000 1000 47 1 125 30% 300 14 1 125 30% 300 14 1 11/8 1000 1000 47 1 11/8 1000 1000 47 1 11/8 1000 1000 47 1 11/8 1000 1000 47 1 11/8 100	DISPLACEMENT	2.9	DISPLACEMENT	PSI_ <u>8002</u>	MIX PSI	200	RATE 450	m /	
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AUTHORIZTION OF OF TITLE DATE	AUTHORIZTION_	J·m	_OKO		TITLE				

6 Sept 14 8 Sept 14 SPUD DATE: FINISH DATE: UTAH O LEASE: Joechel LEASE OPERATOR: KRED KR 34 WELL: API: 15-121-30247 TWP: RNG: SEC: COUNTY: MIGANI DRILLERS NAME: Ronnie Howard 2394 UTAH ROAD RANTOUL, KS 66079 RIG #: SURFACE: SIZE BIT 978 LENGTH 320 SIZE DRILL BIT SIZE 578 LENGTH 544.5 SIZE TD 550 CORED 438-448 ___ cement 58a9S THICKNESS FORMATION FROM THICKNESS FROM TO **FORMATIONS** 135 270 405 Clay Soil 15 Shale Ø 406 405 90 Shale 15 Coal 409 90 406 Shale Lime RedBed 411 409 2 Shale 411 412 Lime 96 Broken Snd. (Noshow) 414 2 Shale 412 Broken Snd (Smelly) 414 416 96 111 Lime 418 130 416 Limey Snd. (Smelly) g Shale 111 Broken Snd (Light Old) Broken Snd (Light Old 60%) 422 a Lime 132 130 422 425 132 134 3 426 425 Lime Shale Limey Sho. 4 134 428 Broken 500 (300)660 70%) 426 30 168 OIL SAD (WASher) OUT 431 428 Lime 431 433 178 Shale 177 Lime 439 OI ISand (great Bld) Broken Snd (good Bld) 433 181 178 Lime 439 181 193 441 Shale 450 205 Shale 441 Lime Shale 12 454 450 Line Shale 205 2007 455 454 806 Lime **TOS** Lime/coal/Sand (Heavy Bld) Shale 470 455 806 209 Shale 500 819 30 470 10 510 Shale 919 227 Lime 500 10 510 522 Shale 227 aag 12 Lime 586 Shale 398 229 500 1 rine 541 9 229 231 Shale 526 Line 544 231 234 Shale (TD) 541 Shale 550 544 224 249 Lime 249 253 Coal 4 a 253 255 Lime

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Shale

Line(KCB)