

Kansas Corporation Commission Oil & Gas Conservation Division

1072030

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? Yes No If yes, show depth set: Feet If Alternate II completion, cement circulated from: sx cmt					
Operator:						
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)					
Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SWD Conv. to GSW	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 #:	County: Permit #:					
GSW Permit #:	. 5					
Spud Date or Date Reached TD Completion Date or 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 clorecovery, and flow rat	osed, flowing and shu	d base of formations pe t-in pressures, whether st, along with final chart well site report.	shut-in pressure rea	ched static level,	hydrostatic pres	sures, bottom h	ole temperature, fluid
Drill Stem Tests Taker (Attach Additional		Yes No		og Formation	n (Top), Depth ar	nd Datum	Sample
Samples Sent to Geological Survey			Nam	ne		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Cop)	ed Electronically	Yes No Yes No Yes No					
List All E. Logs Run:							
			RECORD No	ew Used ermediate, production	on, 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 / SQI	JEEZE RECORD			
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Cement	# Sacks Used	Sacks Used Type and Percent Additives			
Shots Per Foot	t PERFORATION RECORD - Bridge Plugs Set/1 Specify Footage of Each Interval Perforated			Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)			d Depth
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No		
Date of First, Resumed	Production, SWD or EN	HR. Producing Me		Gas Lift O	ther <i>(Explain)</i>		
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf Wat	ter Bb	ols.	Gas-Oil Ratio	Gravity
DISPOSITI	ON OF GAS:		METHOD OF COMPL	ETION:		PRODUCTIO	ON INTERVAL:
Vented Solo	d Used on Lease	Open Hole	Perf. Duall		nmingled nit ACO-4)		
(If vented, Su	bmit ACO-18.)	Othor (Specify)	(Submit	AUU-U) (SUDI	IIII ACO-4)		

Franklin County, KS Well: Ferguson # 9 Lease Owner: BG-5

Town Oilfield Service, Inc. Commenced Spudding: (913) 837-8400

11/22/2011

WELL LOG

Thickness of Strata	Formation	Total Depth		
0-37	Soil/Clay			
25	Shale	62		
6	Lime	68		
4	Shale	72		
15	Lime	87		
7	Shale	94		
10	Lime	104		
8	Shale	112		
17	Lime	129		
42	Shale	171		
27	Lime	198		
70	Shale	268		
27	Lime	295		
9	Shale	304		
5	Lime	309		
45	Shale	354		
3	Lime	357		
11	Shale	368		
4	Lime	372		
2	Shale	374		
8	Lime	382		
3	Shale	385		
13	Lime	398		
8	Shale	406		
30	Lime	436		
4	Shale	440		
11	Lime	451		
119	Shale	570		
2	Lime	572		
23	Shale	595		
9	Lime	604		
4	Shale	608		
7	Lime	615		
18	Shale	633		
11	Lime	644		
8	Shale	652		
13	Lime	665		
3	Shale	668		
12	Lime	680		
2	Shale	682		

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11/22/2011

15	Lime	697
7	Shale	704
11	Sand	715
7	Sandy Shale	722
46	Shale	768
6	Sand	774
24	Shale	798-TD
CONTROL OF THE STATE OF T		
Assistant Essential I		



TICKET NUMBER LOCATION Oxtawa

FOREMAN_

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

FIELD TICKET & TREATMENT REPORT

				OFINE						
DATE	CUSTOMER#		NAME & NUME	BER	SECT	ION	TOWNSHIP	RANGE	COUNTY	
14/25/11 CUSTOMER	1604	Fergus	on & g		SW	1	16	20	FR	
CUSTOMER	C. 5 :	Inci			TRUC	ck#	DRIVER	TRUCK#	L. DOWED	
MAILING ADDRE		<i>-</i> //			50		FREMAD	Soleh.	DRIVER	
39	39 Elli	5 RJ			510 特		ALAMAD	AM	nag	
CITY		STATE	ZIP CODE	369	7	0	HARBEC	WAB	•	
Ranto	10 (K5	66079	900		35	CASKEN	CIC		
JOB TYPE LO	ng string t	IOLE SIZE	63/4	HOLE DEPTH		-	CASING SIZE & V	- 1/		
CASING DEPTH	7820 0	ORILL PIPE	. /	TUBING				OTHER		
SLURRY WEIGH	IT S	SLURRY VOL_		WATER gal/s	k					
DISPLACEMENT	12.4 BBU	DISPLACEMENT	r PSI	MIX PSI			RATE 4BPN	1		
REMARKS: E	stablish	pomp	rate.	Mixx	Pum	0.10	of from	um Gol	Flush	
	& Pump		sks is	10/50	Por M	Ex C	mont 27	and 12#		
Phy	no Seil/s	K. Flo	osh por	ip x lix	res c	Lean	· Displac		14	
			R.Y BBL					e to 200	HAS,	
Reli	case pres				Value	. Ch	reck plug c	lepth w/		
- Wir	elmi s	Thut in	Casin	9.			10	/ /		
				/					-	
	- > 111						15			
	S Drills	7.					Tred VI	Nadu		
A COCUME T		/					/			
ACCOUNT CODE	QUANITY o	r UNITS	DE	SCRIPTION of	SERVICE	S or PRO	DUCT	UNIT PRICE	TOTAL	
5401	/	_	PUMP CHARGE 4/95				4/95		97500	
5406	/:	5	MILEAGE				495		6000	
5402		82	Casing	Footage					N/C	
5407	Minima		Ton	niles			510		33000	
55020	- 2	Zhrs	80 BB.	L Vac Tr	velc		369		225°5	
		*							-000	
1124		20 8/45	50/50	Poz					125400	
111813	- 3	202#	Premi	un Gel					60 40	
1107A		00#	Pheno	Seal			•		73 20	
4404		/		ubber Pi	lug				450	
			•							
						2	160	B no		
						110	1	NNET		
					-0	10				
					1					
Ravin 3737					*		7.8%	SALES TAX	11174	
								ESTIMATED TOTAL	3134.34	
AUTHORIZTION_	June 3	201to		TITLE			·	TO TALL	0101	

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 fo