

Kansas Corporation Commission Oil & Gas Conservation Division

1058202

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:	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 Twp S. R
☐ ENHR Permit #: ☐ GSW Permit #:	County: Permit #:
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	e:			_ Well #:	
Sec Twp	S. R	East West	County:					
time tool open and clos	sed, flowing and shut s if gas to surface tes	I base of formations per in pressures, whether set, along with final chart well site report.	shut-in pressure	reached s	static level,	hydrostatic press	sures, bottom h	ole temperature, fl
Orill Stem Tests Taken (Attach Additional S		Yes No		Log	Formatio	n (Top), Depth an	d Datum	Sample
Samples Sent to Geolo		☐ Yes ☐ No	N	lame			Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted (If no, Submit Copy)	I Electronically	Yes No Yes No Yes No						
List All E. Logs Run:			RECORD [Used			
	Size Hole	Report all strings set- Size Casing	-conductor, surface Weight		ate, producti Setting	on, etc. Type of	# Sacks	Type and Percen
Purpose of String	Drilled	Set (In O.D.)	Lbs. / Ft.		Depth	Cement	Used	Additives
		ADDITIONA	L OFMENTING (00115575	DECORD			
		ADDITIONA	L CEMENTING / :	SQUEEZE	RECORD			
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Cement	# Sacks Used	d		Type and F	Percent Additives	
Shots Per Foot		ON RECORD - Bridge Plu ootage of Each Interval Pe				cture, Shot, Cement mount and Kind of Ma	•	d Depth
TUBING RECORD:	Size:	Set At:	Packer At:	Line	r Run:	Yes No		
Date of First, Resumed I	Production, SWD or ENI	HR. Producing Me	thod:	Gas Li	ift C	Other (Explain)		
Estimated Production Per 24 Hours	Oil E	Bbls. Gas	Mcf	Water	В	ols. (Gas-Oil Ratio	Gravity
DISPOSITIO	Used on Lease	Open Hole	METHOD OF COM Perf. D (Sub	MPLETION: ually Comp omit ACO-5)	. Cor	nmingled mit ACO-4)	PRODUCTIO	DN INTERVAL:
(If vented, Sub	mit ACO-18.)	Other (Specify)						

Well Refined Drilling Company, Inc.

4230 Douglas Road - Thayer, KS 66776

Contractor License # 33072 - FEIN # 48-1248553

Office - 620-839-5581; Jeff Pocket - 620-432-6170; Fax - 620-839-5582

Rig #:	2		License	# 9313	LNERA	S19	T30S	R22E
API#:	15-037-	22163-0000			Rig#2	Location:		SE,SE,NE,NW
perator:	James	D. Lorenz			4 115 7 5	County		Crawford - KS\
\ddress:		2000 Road			7/1010			
Address.		ale, KS 67335 - 85	15			Coo	T4-	
Mall #:	27.5			ole II	Devil		Tests	- NAOE
Nell #:	4A	Lease Name:	Amersh	екп	Depth	Oz.	Orfice	flow - MCF
ocation:	4125				105		No Flow	
2 1 5 4	2805		<u> </u>		130		No Flow	
Spud Date:		3/23/2011	TD.	270	230		No Flow	
Date Comple		3/24/2011	IIU.	370'	280		No Flow	
Geologist		Josiah Kanhart			305		No Flow	
Oriller:	l	Josiah Kephart	Droduo	tion	330		No Flow	
Casing Red Hole Size		Surface 12 1/4"	Product 6 3/4"	1011	370		No Flow	
Casing Si		8 5/8"	0 3/4					
Weight	26	0 3/0				_		
Setting De	l anth	22'		-		_		
Cement T	******	Portland						
Sacks	ype	r Ortianu 1						
Feet of Ca	acina	4		Heli III.			.	THE ORDER OF THE ASSESSMENT
eet of G	asiriy T							
///	West Institution							
11I C-032	111 D2							-
I low	411-17/-	010-Amershek II 4A	- James	D Lore	nz			
enil properties in	.411-RZ-	010-Amershek II 4A						
				Well L	og	Ton	Dottom	
Тор	Bottom	Formation	Тор	Well L Bottom	og Formation	Тор	Bottom	
	Bottom 1	Formation overburden	Top 222	Well L Bottom	og Formation blk shale	Top 370		Formation Total Depth
	Bottom 1 4	Formation overburden clay	Top 222 223	Well L Bottom 223 227	og Formation blk shale shale			
Top 0	Bottom 1 4 6	Formation overburden clay shale	Top 222 223 227	Well L Bottom 223 227 228.5	og Formation blk shale shale coal			
	Bottom 1 4 6	Formation overburden clay shale blk shale	Top 222 223 227 228.5	Well L Bottom 223 227 228.5 239	Formation blk shale shale coal shale			
Top 0	Bottom 1 4 6 8	Formation overburden clay shale blk shale wet	Top 222 223 227 228.5 239	Well L Bottom 223 227 228.5 239 241	Formation blk shale shale coal shale blk shale			
Top 0 1 4 6	Bottom 1 4 6 8	Formation overburden clay shale blk shale wet shale	Top 222 223 227 228.5 239 241	Well L Bottom 223 227 228.5 239 241 243	Formation blk shale shale coal shale blk shale coal coal			
Top 0 1 4 6 6 6 1	Bottom 1 4 6 8 61 62.5	Formation overburden clay shale blk shale wet shale coal	Top 222 223 227 228.5 239 241 243	Well L Bottom 223 227 228.5 239 241 243 277	Formation blk shale shale coal shale blk shale coal shale coal			
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Top 0 1 4 6 6 6 1 6 2 . 5 7 7	Bottom 1 4 6 8 61 62.5 77 90	Formation overburden clay shale blk shale wet shale coal shale lime	Top 222 223 227 228.5 239 241 243 277	Well L Bottom 223 227 228.5 239 241 243 277 281	Formation blk shale shale coal shale blk shale coal shale coal shale coal shale coal shale coal shale coal			
Top 0 1 4 6 6 6 7 7 9 9 0	Bottom 1 4 6 8 61 62.5 77 90 91	Formation overburden clay shale blk shale wet shale coal shale lime shale	Top 222 223 227 228.5 239 241 243	Well L Bottom 223 227 228.5 239 241 243 277 281	Formation blk shale shale coal shale blk shale coal shale coal shale coal shale sandy shale odor sand			
Top 0 1 4 6 6 77 90 91	Bottom 1 4 6 8 61 62.5 77 90 91 93	Formation overburden clay shale blk shale wet shale coal shale lime shale blk shale	Top 222 223 227 228.5 239 241 243 277 281	Well L Bottom 223 227 228.5 239 241 243 277 281 313	Formation blk shale shale coal shale blk shale coal shale coal shale coal shale sandy shale odor sand strong odor			
Top 0 1 4 6 0 61 62.5 77 90 91 93	Bottom 1 4 6 8 61 62.5 77 90 91 93 100	Formation overburden clay shale blk shale wet shale coal shale lime shale blk shale shale shale	Top 222 223 227 228.5 239 241 243 277 281	Well L Bottom 223 227 228.5 239 241 243 277 281 313	Formation blk shale shale coal shale blk shale coal shale coal shale coal shale sandy shale odor sand strong odor less odor			
Top O 1 4 6 0 61 62.5 77 90 91 93 100	Bottom 1 4 6 8 61 62.5 77 90 91 93 100 112	Formation overburden clay shale blk shale wet shale coal shale lime shale blk shale lime shale blk shale	Top 222 223 227 228.5 239 241 243 277 281	Well L Bottom 223 227 228.5 239 241 243 277 281 313	Formation blk shale shale coal shale blk shale coal shale coal shale sandy shale sandy shale odor sand strong odor less odor strong odor			
Top O 1 4 6 0 61 62.5 77 90 91 93	Bottom 1 4 6 8 61 62.5 77 90 91 93 100 112	Formation overburden clay shale blk shale wet shale coal shale lime shale blk shale shale shale	Top 222 223 227 228.5 239 241 243 277 281	Well L Bottom 223 227 228.5 239 241 243 277 281 313	Formation blk shale shale coal shale blk shale coal shale coal shale coal shale sandy shale odor sand strong odor less odor			
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Top O 1 4 6 0 61 62.5 77 90 91 93 100 112 113	Bottom 1 4 6 8 61 62.5 77 90 91 93 100 112 113 115 218	Formation overburden clay shale blk shale wet shale coal shale lime shale blk shale blk shale blk shale blk shale shale lime shale blk shale	Top 222 223 227 228.5 239 241 243 277 281 291 294 302	Well L Bottom 223 227 228.5 239 241 243 277 281 313 313 314	Formation blk shale shale coal shale blk shale coal shale sandy shale odor sand strong odor less odor strong odor bleeding less odor shale			

Kepley Well Service, LLC

19245 Ford Road Chanute, KS 66720

Date	Invoice #
4/6/2011	45349

Cement Treatment Report

Lorotta Oil, LLC 543A 22000 Road Cherryvale, KS 67335 (x) Landed Plug on Bottom at 900 PSI

() Shut in Pressure

(x)Good Cement Returns

() Topped off well with _____ sacks

(x) Set Float Shoe

TYPE OF TREATMENT: Production Casing HOLE SIZE: 6 1/2"
TOTAL DEPTH: 360

Well Name	Terms	Due Date
	Net 15 days	4/6/2011

Service or Product	Qty	Per Foot P	ricing/Unit Pricing	Amount
Run and cement 2 7/8" Sales Tax	354		4.00 7.30%	7
Amershack A-4 Crawford County Section: Township: Range:				

Hooked onto 2 7/8" casing. Established circulation with 2.5 barrels of water, 1 GEL, 1 METSO, COTTONSEED ahead, blended 54 sacks of OWC, dropped rubber plug, and pumped 2 barrels of water

Total	\$1,416.00
Payments/Credits	\$0.00
Balance Due	\$1,416.00

pd 4/11/11 ck#1014 \$13492.