

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1058182

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:	
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: ()	
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	Amount of Surface Pipe Set and Cemented at: Feet
Gas D&A ENHR SIGW	Multiple Stage Cementing Collar Used?
OG         GSW         Temp. Abd.	If yes, show depth set: Feet
CM (Coal Bed Methane)	If Alternate II completion, cement circulated from:
Cathodic Other (Core, Expl., etc.):	feet depth to:w/sx cmt.
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:	
Deepening Re-perf. Conv. to ENHR Conv. to SWD	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 #:	Operator Name:
SWD Permit #:	Lease Name: License #:
ENHR Permit #:	Quarter Sec TwpS. R East West
GSW Permit #:	County: Permit #:
Spud Date or Recompletion Date         Date Reached TD         Completion Date or 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 Approved by: Date:

	Side Two	1058182
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional Sh	eets)	Yes No		og Formatio	n (Top), Depth an	d Datum	Sample
Samples Sent to Geolog	gical Survey	Yes No	Nam	e		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted I (If no, Submit Copy)	Electronically	☐ Yes ☐ No ☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
			-conductor, surface, inte	-	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

#### ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing Plug Back TD				
Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated					ement Squeeze Record I of Material Used)	Depth			
TUBING RECORD:	Siz	ze:	Set At:		Packer	At:	Liner R	un:	No	
Date of First, Resumed P	roduct	on, SWD or ENH	<b>ર</b> .	Producing N		oing	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	ər	Bbls.	Gas-Oil Ratio	Gravity
									1	
DISPOSITION	N OF C	BAS:			METHOD	OF COMPLE	TION:		PRODUCTION INTER	RVAL:
Vented Sold		Jsed on Lease		Open Hole	Perf.	Uually (Submit)		Commingled (Submit ACO-4)		
(If vented, Subm	nit ACC	-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	NERA	S19	T30S	R22E
NPI #:	15-037-	22147-0000			Rig # 2	Location:		SE,NE,NE,NW
perator:	James [	D. Lorenz			4 Nig - 2 5	County		Crawford - KS
ddress:	543A 22	2000 Road			TIDE			
		ale, KS 67335 - 85'	5			Gas	Tests	
Vell #:	2A	Lease Name:	Amersh	ek II	Depth	any and a second se	Orfice	flow - MCF
ocation:	4785		7 411101011		105	a state of the second se	No Flow	
	2805				130		No Flow	the second s
pud Date:		3/18/2011			205		No Flow	
ate Compl		3/21/2011	TD:	372	230		No Flow	and the second se
Geologist					255		No Flow	
Driller:		Josiah Kephart			280		No Flow	
Casing Re	cord	Surface	Product	ion	305		No Flow	the second s
lole Size		12 1/4"	6 3/4"		330		No Flow	
Casing Si		8 5/8"	COM TRACTOR		372		No Flow	
Veight								
Setting D	epth	23'						
Cement T		Portland						
Sacks		4						
eet of C	asing					1		
11 C-032	2111_R2_	007-Amershek II - 2	A - Jame	s D L or	enz			
1LC-032	2111-R2-	007-Amershek II - 2		CONTRACTOR OF THE OWNER				
I1LC-032 Top	2111-R2- Bottom			es D. Lor Well L Bottom	og	Тор	Bottom	Formation
	Bottom		wienn gan	Well L Bottom	og	Top 313		Formation laminated sand
	Bottom	Formation	Тор	Well L Bottom 209	OG Formation		318	
	Bottom 2 2 4	Formation overburden	Top 207	Well L Bottom 209 216	OG Formation blk shale	313	318 322	laminated sand
	Bottom 2 2 4 4 7	Formation overburden clay	Top 207 209	Well L Bottom 209 216 221	OG Formation blk shale coal	313 318	318 322 324	laminated sand shale
	Bottom 2 2 4 4 7 8	Formation overburden clay lime	Top 207 209 216	Well L Bottom 209 216 221 222	OG Formation blk shale coal shale	313 318 322	318 322 324 369	laminated sand shale blk shale
Top 0 2 4 7	Bottom 2 2 4 4 7 8 3 57	Formation overburden clay lime blk shale	Top 207 209 216 221	Well L Bottom 209 216 221 222 223	OG Formation blk shale coal shale lime	313 318 322 324	318 322 324 369 370	laminated sand shale blk shale shale
Top 0 2 4 7 8	Bottom 2 2 2 4 4 7 7 8 8 57 7 61	Formation overburden clay lime blk shale shale	Top 207 209 216 221 222	Well L Bottom 209 216 221 222 223 223	OG Formation blk shale coal shale lime shale	313 318 322 324 369	318 322 324 369 370 372	laminated sand shale blk shale shale coal
Top 0 2 4 7 8 57	Bottom 2 2 4 7 7 8 3 57 7 61 1 65	Formation overburden clay lime blk shale shale sandy shale	Top 207 209 216 221 222 223	Well L Bottom 209 216 221 222 223 223 224 229.5	OG Formation blk shale coal shale lime shale	313 318 322 324 369 370	318 322 324 369 370 372	laminated sand shale blk shale shale coal shale
Top 0 2 4 7 8 57 61	Bottom 2 2 2 2 4 4 7 7 8 3 57 7 61 1 65 5 66.5	Formation overburden clay lime blk shale shale sandy shale shale	Top 207 209 216 221 222 223 223 224	Well L Bottom 209 216 221 222 223 223 224 229.5 231 238	OG Formation blk shale coal shale lime shale shale coal shale	313 318 322 324 369 370	318 322 324 369 370 372	laminated sand shale blk shale shale coal shale
Top 0 2 4 7 8 57 61 65	Bottom 2 2 2 2 4 4 7 7 8 8 57 7 61 1 65 5 66.5 5 81	Formation overburden clay lime blk shale blk shale shale sandy shale shale coal shale	Top 207 209 216 221 222 223 223 224 229.5 231 238	Well L Bottom 209 216 221 222 223 223 224 229.5 231 238 238 240	OG Formation blk shale coal shale lime shale lime shale coal shale blk shale	313 318 322 324 369 370	318 322 324 369 370 372	laminated sand shale blk shale shale coal shale
Top 0 2 4 7 8 57 61 65 66.5 81 94	Bottom 2 2 2 2 4 4 7 7 8 8 57 7 61 1 65 5 66.5 5 81 1 97 4	Formation overburden clay lime blk shale blk shale shale sandy shale shale coal shale lime sight odor	Top 207 209 216 221 222 223 223 224 229.5 231 238 238 240	Well L Bottom 209 216 221 222 223 223 224 229.5 231 238 238 240 244	OG Formation blk shale coal shale lime shale lime shale coal shale blk shale shale	313 318 322 324 369 370	318 322 324 369 370 372	laminated sand shale blk shale shale coal shale
Top 0 2 4 7 8 57 61 65 66.5 81 94 97	Bottom 2 4 2 4 4 7 7 8 7 8 3 57 7 61 1 65 5 66.5 5 66.5 5 81 1 97 4 97 4 100	Formation overburden clay lime blk shale shale shale sandy shale shale coal shale lime slight odor shale	Top 207 209 216 221 222 223 223 224 229.5 231 238 238 240 244	Well L Bottom 209 216 221 222 223 223 224 229.5 231 238 238 240 244 245.5	OG Formation blk shale coal shale lime shale lime shale coal shale blk shale shale coal	313 318 322 324 369 370	318 322 324 369 370 372	laminated sand shale blk shale shale coal shale
Top 0 2 4 7 8 57 61 65 66.5 81 94 97 100	Bottom 2 2 2 2 4 4 7 7 8 8 57 7 8 8 57 7 61 1 65 5 66.5 5 66.5 5 81 1 97 4 97 4 97 4 97 1 00 0 101	Formation overburden clay lime blk shale blk shale shale sandy shale shale coal shale lime slight odor shale coal	Top 207 209 216 221 222 223 224 229.5 231 238 238 240 244 245.5	Well L Bottom 209 216 221 222 223 223 224 229.5 231 229.5 231 238 240 244 245.5 256	OG Formation blk shale coal shale lime shale lime shale coal shale blk shale shale coal shale	313 318 322 324 369 370	318 322 324 369 370 372	laminated sand shale blk shale shale coal shale
Top 0 2 4 7 8 57 61 65 66.5 81 94 97 100 101	Bottom 2 2 2 2 4 4 7 7 8 8 57 7 61 1 65 5 66.5 5 66.5 5 81 1 97 4 97 4 97 1 100 0 101 1 103	Formation overburden clay lime blk shale shale shale sandy shale shale coal shale lime slight odor shale coal	Top 207 209 216 221 222 223 224 223 224 229.5 231 238 240 240 244 245.5	Well L Bottom 209 216 221 222 223 223 224 229.5 231 229.5 231 238 240 244 245.5 256 289	OG Formation blk shale coal shale lime shale lime shale coal shale blk shale shale coal shale shale	313 318 322 324 369 370	318 322 324 369 370 372	laminated sand shale blk shale shale coal shale
Top 0 2 4 7 8 57 61 65 66.5 81 94 94 97 100 101	Bottom         0       2         2       4         1       7         2       4         4       7         7       8         3       57         7       61         1       65         5       66.5         5       81         1       97         4       97         4       97         5       100         0       101         1       103         3       116	Formation overburden clay lime blk shale shale shale shale coal shale lime slight odor shale coal shale	Top 207 209 216 221 222 223 224 229.5 231 238 238 240 244 245.5	Well L Bottom 209 216 221 222 223 223 224 229.5 231 229.5 231 238 240 244 245.5 256 289	OG Formation blk shale coal shale lime shale lime shale coal shale blk shale blk shale shale shale shale oil sand	313 318 322 324 369 370	318 322 324 369 370 372	laminated sand shale blk shale shale coal shale
Top 0 2 4 7 8 57 61 65 65 66.5 81 94 97 100 101 103 103	Bottom         0       2         2       4         1       7         2       4         4       7         7       8         3       57         7       61         1       65         5       66.5         5       81         1       97         4       97         4       97         5       100         0       101         1       103         3       116         5       118	Formation overburden clay lime blk shale shale shale shale coal shale lime slight odor shale coal shale lime shale	Top         207         209         216         221         222         223         224         229.5         231         238         240         241         238         240         240         240         240         240         240         240         240         240         240         240         240         240         240         240         240         240         240         240         240         240         240         240         240         240         240         240         240         240         240         240         240         240         240         240         240         240         240         240 <td< td=""><td>Well L Bottom 209 216 221 222 223 224 229.5 231 229.5 231 238 240 244 245.5 256 289 302</td><td>OG Formation blk shale coal shale lime shale lime shale coal shale blk shale blk shale shale coal shale oil sand good odor</td><td>313 318 322 324 369 370</td><td>318 322 324 369 370 372</td><td>laminated sand shale blk shale shale coal shale</td></td<>	Well L Bottom 209 216 221 222 223 224 229.5 231 229.5 231 238 240 244 245.5 256 289 302	OG Formation blk shale coal shale lime shale lime shale coal shale blk shale blk shale shale coal shale oil sand good odor	313 318 322 324 369 370	318 322 324 369 370 372	laminated sand shale blk shale shale coal shale
Top 0 2 4 7 8 57 61 65 66.5 81 94 94 97 100 101	Bottom         0       2         2       4         1       7         2       4         4       7         7       8         3       57         7       61         1       65         5       66.5         5       61         1       97         4       97         4       97         5       61.5         5       66.5         5       81         1       97         4       100         5       1101         1       103         3       116         5       118         3       119.5	Formation overburden clay lime blk shale shale shale shale coal shale lime slight odor shale coal shale	Top 207 209 216 221 222 223 224 223 224 229.5 231 238 240 240 244 245.5	Well L Bottom 209 216 221 222 223 223 224 229.5 231 238 231 238 240 244 245.5 256 289 302	OG Formation blk shale coal shale lime shale lime shale coal shale blk shale blk shale shale shale shale oil sand	313 318 322 324 369 370	318 322 324 369 370 372	laminated sand shale blk shale shale coal shale

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# **Kepley Well Service, LLC**

19245 Ford Road Chanute, KS 66720

Date	Invoice #
4/6/2011	45351

# **Cement Treatment Report**

Lorotta Oil, LLC 543A 22000 Road Cherryvale, KS 67335 (x) Landed Plug on Bottom at 700 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	Du	e Date		
	Net 15 days		4/6/2011		
Service or Product		Qty	Per Foot P	ricing/Unit Pricing	Amount
Run and cement 2 7/8"		353		4.00	1,412,00

