

#### Kansas Corporation Commission Oil & Gas Conservation Division

1063048

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 Approved by: Date:			

Side Two



Operator Name:				_ Lease N	lame:			Well #:		
Sec Twp	S. R	East	West	County:						
INSTRUCTIONS: Sh time tool open and clo recovery, and flow rate line Logs surveyed. A	osed, flowing and shu es if gas to surface te	t-in pressures, st, along with f	whether sh inal chart(s	nut-in press	ure reach	ed static level,	hydrostatic pres	sures, bottom h	ole temp	erature, fluid
Drill Stem Tests Taker (Attach Additional S		Yes	No		Log	y Formation	n (Top), Depth a	nd Datum		Sample
Samples Sent to Geo	logical Survey	Yes	No		Name			Тор	I	Datum
Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Copy	d Electronically	Yes Yes Yes	☐ No ☐ No ☐ No							
List All E. Logs Run:										
		Report all	CASING I		New	Used mediate, producti	on, etc.			
Purpose of String	Size Hole Drilled	Size Ca Set (In C	sing	Weigi Lbs. /	ht	Setting Depth	Type of Cement	# Sacks Used	, ,,	and Percent dditives
		AI	DDITIONAL	CEMENTIN	G / SQUE	EZE RECORD				
Purpose:  Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Co	ement	# Sacks	Used		Type and	Percent Additives		
Shots Per Foot	PERFORATI Specify I	ON RECORD - Footage of Each	Bridge Plugs Interval Perfo	s Set/Type orated			cture, Shot, Cemei mount and Kind of N		d	Depth
TUBING RECORD:	Size:	Set At:		Packer At:		Liner Run:				
Date of First, Resumed	Production, SWD or EN		ducing Meth	od:		as Lift C	Yes No	0		
Estimated Production Per 24 Hours	Oil	Bbls.		Mcf	Water		ols.	Gas-Oil Ratio		Gravity
DISPOSITIO	ON OF GAS:		M	IETHOD OF	COMPLET	ION:		PRODUCTIO	ON INTER	VAL:
Vented Sold	Used on Lease	Open	Hole (Specify)	Perf.	Dually ( (Submit AC		nmingled mit ACO-4)			

## 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	NERG	S18	T305	R22E
API #:	15-037-2	22172-0000		*	Rig # 2	Location:		SE,NE,SE,SW
perator:	James D	). Lorenz		1	2, 13	County	County Crawford -	
ddress:	543A 22	000 Road			ALL DI	· Company		
duress.		ale, KS 67335 - 851	5		Gas Tests			
Vell #:	8A	Lease Name:	Amersh	ek I	Depth	Oz.	Orfice	flow - MCF
ocation:	825				150			
oddion.	2805	OF DESCRIPTION			205	3	3/8"	6.18
pud Date:	2000	4/15/2011		100000000000000000000000000000000000000	230	3.5	3/8"	26.5
ate Comple	eted:	The state of the s	TD:	365'	280	3	3/8"	6.18
Seologist	A CANADA SANCES AND				305	Gas	Check S	ame
riller:		Josiah Kephart			330 Gas Check Same			
asing Red	cord	Surface	Product	ion	365		Check S	
lole Size	March Contraction of the Contrac	12 1/4"	6 3/4"	C C C C C C C C C C C C C C C C C C C				
Casing Si		8 5/8"	10000					
Veight		18						
Setting De	epth	23'		7/10				
Cement T	- ADDRESS OF THE PARTY OF THE P	Portland						
Sacks	1	4						
eet of Ca	l asing							***
CCC OI C	T		sexwa					
11LD-041	811-R2-	021-Amershek I 8A	- James	D. Lorer	Z			
11LD-041	811-R2-	021-Amershek I 8A	- James					
Top	811-R2- Bottom		- James	D. Lorer Well L Bottom	og	Тор	Bottom	Formation
	Bottom			Well L Bottom	og	Top	Bottom	Formation faint odor
	Bottom 2	Formation	Тор	Well L Bottom 206	og Formation	Top 306		
	Bottom 2	Formation overburden	Top 190	Well L Bottom 206 207	og Formation shale		320	faint odor
Top 0	Bottom 2 11 22	Formation overburden clay	Top 190 206	Well L Bottom 206 207 211	Formation shale coal	306	320 322	faint odor shale
Top 0 2	Bottom 2 11 22	Formation overburden clay lime	Top 190 206 207	Well L Bottom 206 207 211 212	Formation shale coal shale	306	320 322 348	faint odor shale lime
Top 0 2 11	Bottom 2 11 22 46	Formation overburden clay lime wet	Top 190 206 207 211	Well L Bottom 206 207 211 212 212	Formation shale coal shale lime	306 320 322	320 322 348 349	faint odor shale lime shale
Top  2  11  17  22	Bottom 2 11 22 46 47	Formation overburden clay lime wet shale	Top 190 206 207 211 212	Well L Bottom 206 207 211 212 212 213	Formation shale coal shale lime lime	306 320 322 348	320 322 348 349 365	faint odor shale lime shale coal
Top  2  11  17  22  46	Bottom 2 11 22 46 47	Formation overburden clay lime wet shale coal	Top 190 206 207 211 212 212	Well L Bottom 206 207 211 212 212 213 216	Formation shale coal shale lime lime shale	306 320 322 348 349	320 322 348 349 365	faint odor shale lime shale coal shale
Top  2  11  17  22  46  47	Bottom 2 11 22 46 47	Formation overburden clay lime wet shale coal wet	Top 190 206 207 211 212 212 213	Well L Bottom 206 207 211 212 212 213 216 221	Formation shale coal shale lime shale shale shale shale shale	306 320 322 348 349	320 322 348 349 365	faint odor shale lime shale coal shale
Top  2  11  17  22  46  47  47	Bottom 2 11 22 46 47 7 59	Formation overburden clay lime wet shale coal wet add water	Top 190 206 207 211 212 212 213 216	Well L Bottom 206 207 211 212 212 213 216 221 261	Formation shale coal shale lime lime shale shale sand sandy shale	306 320 322 348 349	320 322 348 349 365	faint odor shale lime shale coal shale
Top  2  11  17  22  46  47  47  47	Bottom 2 11 22 46 47 7 59 65	Formation overburden clay lime wet shale coal wet add water shale	Top 190 206 207 211 212 212 213 216 221	Well L Bottom 206 207 211 212 212 213 216 221 261 267	Formation shale coal shale lime lime shale shale sand sandy shale shale	306 320 322 348 349	320 322 348 349 365	faint odor shale lime shale coal shale
Top  2  11  17  22  46  47  47  59	Bottom 2 11 22 46 47 7 59 65 68	Formation overburden clay lime wet shale coal wet add water shale lime	Top  190 206 207 211 212 212 213 216 221 261	Well L Bottom 206 207 211 212 212 213 216 221 261 267	Formation shale coal shale lime lime shale shale sand sandy shale shale shale shale	306 320 322 348 349	320 322 348 349 365	faint odor shale lime shale coal shale
Top  22 11 17 22 46 47 47 47 59 68	Bottom  2 11 22 46 47 7 59 65 68 8 79	Formation overburden clay lime wet shale coal wet add water shale lime shale	Top  190 206 207 211 212 212 213 216 221 261	Well L Bottom 206 207 211 212 212 213 216 221 261 267 273	Formation shale coal shale lime lime shale shale sand sandy shale shale sandy shale shale sandy shale	306 320 322 348 349	320 322 348 349 365	faint odor shale lime shale coal shale
Top  11  17  22  46  47  47  59  68  68	Bottom 2 11 22 46 47 7 59 65 68 87 9 83	Formation overburden clay lime wet shale coal wet add water shale lime shale lime shale	Top  190 206 207 211 212 212 213 216 221 261 267	Well L Bottom 206 207 211 212 212 213 216 221 261 267 273	Formation shale coal shale lime lime shale shale sand sandy shale shale sandy shale sandy shale sandy shale sandy shale	306 320 322 348 349	320 322 348 349 365	faint odor shale lime shale coal shale
Top  2  11  17  22  46  47  47  47  59  68  79	Bottom 2 11 22 46 47 7 59 65 68 87 88 88	Formation overburden clay lime wet shale coal wet add water shale lime shale lime shale lime shale	Top  190 206 207 211 212 212 213 216 221 261 267	Well L Bottom 206 207 211 212 212 213 216 221 261 267 273	Formation shale coal shale lime lime shale sand sandy shale shale sandy shale sandy shale shale sandy shale shale sandy shale shale sand oil odor shale	306 320 322 348 349	320 322 348 349 365	faint odor shale lime shale coal shale
Top  Contact Top  11  17  22  46  47  47  47  47  47  47  47  47  47	Bottom  2 11 22 46 47 7 59 65 68 87 88 88 88	Formation overburden clay lime wet shale coal wet add water shale lime shale lime shale blk shale	Top  190 206 207 211 212 212 213 216 221 261 267	Well L Bottom 206 207 211 212 212 213 216 221 261 267 273	Formation shale coal shale lime lime shale sand sandy shale shale sandy shale sand oil odor shale sand	306 320 322 348 349	320 322 348 349 365	faint odor shale lime shale coal shale
Top  Contact and the second se	Bottom  2 11 22 46 47 7 59 65 68 87 9 9 9 9 9 9	Formation overburden clay lime wet shale coal wet add water shale lime shale lime shale blk shale shale shale	Top  190 206 207 211 212 212 213 216 221 261 267 274	Well L Bottom 206 207 211 212 212 213 216 221 261 267 273	Formation shale coal shale lime lime shale sand sandy shale shale sand oil odor shale sand bleeding on pit	306 320 322 348 349	320 322 348 349 365	faint odor shale lime shale coal shale

### Kepley Well Service, LLC

19245 Ford Road Chanute, KS 66720

Date Invoice # 4/21/2011 45407

# Cement Treatment Report

Lorotta Oil, LLC 543A 22000 Road Cherryvale, KS 67335

(x) Landed Plug on Bottom at 500 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 3/4" TOTAL DEPTH: 360

Well Name	Terms	Due Date
	Net 15 days	4/21/2011

Service or Product	Qty	Per Foot Pricing/Unit Pricing	Amount
Run and cement 2 7/8" Sales Tax	352	4.00 7.30%	1,408.00

Amershack #8 Crawford County Section: Township: Range:

Hooked onto 2 7/8" casing. Established circulation with 3 barrels of water, 1 GEL, 1 METSO, COTTONSEED ahead, blended 61 sacks of OWC, dropped rubber plug, and pumped 2 barrels of water

Total	\$1,408.00			
Payments/Credits	\$0.00			
Balance Due	\$1,408.00			