

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 #	9313		API No. 15				
Name: Lorenz, Ja			Spot Description:				
Address 1: 543A 22000 RD			SE_NE_SE_SW Sec. 18 Twp. 30 S. R. 22 Fast West				
Address 2:			825 Feet from ☐ North / ✓ South Line of Section				
City: CHERRYVALE	State: KS Z	_{lip:} 67335 ₊ 8515					
Contact Person: Jame	s D. Lorenz		Footages Calculated from Nearest Outside Section Corner:				
Phone: (620) 42	3-9360		□ NE □ NW ☑ SE □ SW				
CONTRACTOR: License			County: Crawford				
Name: Kepley Well S			Lease Name: Amershek#1 Well #: 8A				
			Field Name: McCune				
Purchaser:			Producing Formation: Bartlesville				
Designate Type of Comp	letion:		Elevation: Ground: 893 Kelly Bushing: 898				
New Well	Re-Entry	Workover	Total Depth: 365 Plug Back Total Depth:				
		_	Amount of Surface Pipe Set and Cemented at: 23 Feet				
[2] Oil □ W		SIOW					
☐ Gas ☐ D	&A	∐ SIGW	Multiple Stage Cementing Collar Used? ☐ Yes ☑ No				
CM (Coal Bed Met	-	Temp. Abd.	If yes, show depth set: Feet				
	,		If Alternate II completion, cement circulated from: 352				
If Workover/Re-entry: O			feet depth to: 0 w/ 61 sx cmt				
•							
			Dritting Fluid Management Plan				
			(Data must be collected from the Reserve Pit)				
Original Comp. Date:	Original	Total Depth:	Chloride content: 0 ppm Fluid volume: 0 bbls				
Deepening	· =	o ENHR Conv. to SWD	Dewatering method used: Evaporated				
C Diug Book	Conv. t		Location of fluid disposal if hauled offsite:				
Commingled		ug Back total Deptil	Location of this disposal in Habied Offsite.				
Dual Completion			Operator Name:				
SWD			Lease Name: License #:				
☐ ENHR			QuarterSecTwpS. R East West				
☐ GSW			County: Permit #:				
04/15/2011	·	04/21/2011					
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 1 1 II Approved by: Deanna Gardon Date: 09/12/2011

Side Two



Operator Name: Lore	nz, James D.		Lease N	lame: _	Amershek#1		Well #: <u>8A</u>		
Sec. 18 Twp.30	s. _{R.} <u>22</u>		County:	Craw	ford		<u>-</u>		
time tool open and clos	ed, flowing and shu if gas to surface te	d base of formations pen t-in pressures, whether s st, along with final chart(well site report.	hut-in press	иге геа	ched static level,	hydrostatic pr	essures, bottom h	ole temp	erature, fluid
Drill Stem Tests Taken (Attach Additional St	neets)	Yes 🗸 No		⊘ Lo	og Formation	n (Top), Depth	and Datum		Sample
·		Yes 🗸 No		Name Driller's Log			Top Date 0 365		Datum 85
Cores Taken Electric Log Run Electric Log Submitted Electronically (If no, Submit Copy) Tes V No Yes No Yes No		Yes No Yes No		Driller's Log 0			Ū	~	,,,
List All E. Logs Run:									
Gamma Ray /Neutro	n Completion Log								
		CASING Report all strings set-	RECORD	Ne	_	on, etc.			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weig	ht	Setting Depth	Type of Cement	# Sacks Used		and Percent
Surface	12.2500	8.6250	18		23	Portland	4		
Portland	6.7500	2.8750	6.500		352	owc	61	61	
		ADDITIONAL	CEMENTIN	IG / SQL	JEEZE RECORD				
Purpose: Depth Top Bottom		Type of Cement # Sac		Used	Type and Percent Additives				
Protect Casing Plug Back TD	-					···			
Plug Off Zone	-		<u> </u>						
Shots Per Foot		ON RECORD - Bridge Plug					nent Squeeze Record	d	Depth
2	Specify Footage of Each Interval Perforated				(Amount and Kind of Material Used) Depth AWAITING ACIDIZING 270-284				
	2" DML-RTG								287-297
								-	
							,		
TUBING RECORD: Size: Set At: Packer At: Liner Run: Yes 📝 No									
Date of First, Resumed Production, SWD or ENHR. Producing Method: Flowing Pumping Gas Lift Other (Explain)									
Estimated Production Per 24 Hours	Oil 0	Bbls. Gas	Mcf	Wat		bis.	Gas-Oil Ratio		Gravity 0
DISPOSITION OF GAS: Vented				COMPLI Dually	Comp. Con	nmingled nit ACO-4)	PRODUCTIO)N INTER	VAL:

Well-Refined Drilling Company, Inc. 4230 Douglas Road - Thayer, KS 66776 Contractor License # 33072 Office - 620-839-5581; Jeff Pocket - 620-432-6170; Fax - 620-839-5582

	2		License # 9313 NE Rig # 2		NERL	S18	T305	R22E	
Rig #: API #:		22172-0000		130 # 30 10 × Bio # 3 C		Location:		SE,NE,SE,SW	
Operator:	_). Lorenz			4 Mg L To	County		Crawford - KS	
		000 Road			DI DIO				
Address:	543A 22000 Road Cherryvale, KS 67335 - 85				<u> -1. ν</u>	Gas T	ests		
1A7=10 44.		Lease Name:	Amershe		Depth	Oz. Orfice		flow - MCF	
Well#:	BA 825		Airieisile	3K 1	150	102.	911100	1011 11101	
Location:	2805				205	3	3/8"	6.18	
Spud Date:	2000	4/15/2011			230	3.5	3/8"	26.5	
Date Completed:		4/18/2011	TD:	365'	280	3	3/8"	6.18	
Geologist					305	Gas Check Same		ame	
Driller:			- i		330	Gas Check Same			
Casing Re	cord	Surface	Product	ion	365			ame	
Hole Size		12 1/4"	6 3/4"						
Casing Si		8 5/8"							
Weight		18							
Setting D	epth	23'					_		
Cement 1	Гуре	Portland							
Sacks	<u> </u>	4	<u> </u>						
Feet of C	asing								
	<u> </u>		ļ				-		
	<u> </u>		1						
į.	1		1						
<u> </u>	+								
	1044.00	004 A	lamas	D. Loror					
11LD-04	1811-R2-	021-Amershek I 8A	- James						
				Well L	og				
Тор	Bottom	Formation	Тор	Well L Bottom	Og Formation	Тор	Bottom	Formation	
Тор	Bottom	Formation overburden	Top 190	Well L Bottom 206	OG Formation shale			faint odor	
Top	Bottom	Formation overburden clay	Top 190 206	Well L Bottom 206 207	Formation shale coal	306	320	faint odor shale	
Top (Bottom 2 2 11 1 22	Formation overburden clay lime	Top 190 206 207	Well L Bottom 206 207 211	Formation shale coal shale	306 320	320 322	faint odor shale lime	
Top (Bottom 2 2 11 1 22	Formation overburden clay lime wet	Top 190 206 207 211	Well L Bottom 206 207 211 212	Formation shale coal shale lime	306 320 322	320 322 348	faint odor shale lime shale	
Top (2)	Bottom 2 2 11 2 7 46	Formation overburden clay lime wet shake	Top 190 206 207 211 212	Well L Bottom 206 207 211 212 212	Formation shale coal shake lime	306 320 322 348	320 322 348 349	faint odor shale lime shale coal	
Top (2 1 1 1 2 2 2 4 4	Bottom 2 2 11 1 22 7 2 46 6 47	Formation overburden clay lime wet shale coal	Top 190 206 207 211 212 212	Well L Bottom 206 207 211 212 212 213	Formation shale coal shake lime lime shale	306 320 322 348 349	320 322 348 349 365	faint odor shale lime shale coal shale	
Top (2 11 12 22 44 44	Bottom 2 11 1 22 7 2 46 6 47	Formation overburden clay lime wet shale coal	Top 190 206 207 211 212 212 213	Well L Bottom 206 207 211 212 212 213 216	Formation shale coal shale lime lime shale sand	306 320 322 348	320 322 348 349 365	faint odor shale lime shale coal	
Top () () () () () () () () () () () () ()	Bottom 2 2 11 2 7 2 46 47 7	Formation overburden clay lime wet shake coal wet add water	Top 190 206 207 211 212 212 213 216	Well L Bottom 206 207 211 212 212 213 216 221	Formation shale coal shale lime lime shale sand sandy shale	306 320 322 348 349	320 322 348 349 365	faint odor shale lime shale coal shale	
Top () () () () () () () () () () () () ()	Bottom 2 2 11 2 7 2 46 6 47 7 7 55	Formation overburden clay lime wet shale coal wet add water	Top 190 206 207 211 212 212 213 216 221	Well L Bottom 206 207 211 212 212 213 216 221	Formation shale coel shale lime lime shale sand sandy shale shale	306 320 322 348 349	320 322 348 349 365	faint odor shale lime shale coal shale	
Top 1 1 17 22 44 43 44 55	Bottom 2 2 11 2 7 2 46 6 47 7 7 7 59 9 65	Formation overburden clay lime wet shale coal wet add water shale time	Top 190 206 207 211 212 212 213 216	Well L Bottom 206 207 211 212 212 213 216 221 261 267	Formation shale coal shale lime lime shale sand sandy shale shale sandy shale	306 320 322 348 349	320 322 348 349 365	faint odor shale lime shale coal shale	
Top 1 1 1 2 44 4 4 5 6	Bottom 2 2 11 2 7 2 46 6 47 7 7 7 59 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	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	Formation shale coel shale lime lime shale sand sandy shale shale	306 320 322 348 349	320 322 348 349 365	faint odor shale lime shale coal shale	
Top 1 1 17 22 44 4 4 55 66	Bottom 2 2 11 1 22 7 7 2 46 6 47 7 7 7 7 9 65 5 66 8 75	Formation overburden clay lime wet shale coal wet add water shale time	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 sand sandy shale shale sandy shale sandy shale	306 320 322 348 349	320 322 348 349 365	faint odor shale lime shale coal shale	
Top 1 11 22 44 4 4 56 66	Bottom 2 2 11 22 7 2 46 6 47 7 7 7 7 59 65 68 7 9 83	Formation overburden clay lime wet shale cost wet add water shale time 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 sand sandy shale 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 1 1 17 22 44 4 4 55 66	Bottom 2 2 11 2 2 7 7 7 7 7 7 9 6 6 7 9 6 7 8 9 8 3 8 8	Formation overburden clay lime wet shale coal wet add water 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 shake lime lime 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 3 11 17 22 44 4 4 55 66 7 8	Bottom 2 2 11 2 2 7 7 7 7 7 7 9 6 6 7 9 6 7 8 9 8 3 8 8 5 8 8	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 206 207 211 212 213 216 221 261 267 273	Formation shale coal shale lime lime shale sand sandy 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 11 17 22 44 44 45 56 66 77 88	Bottom 2 2 11 2 2 46 6 47 7 7 7 59 65 68 79 9 63 3 85 9 9 9	Formation overburden clay lime wet shale coal wet add water shale lime shale lime shale	Top 190 206 207 211 212 213 216 221 261 267	Well L Bottom 206 207 211 212 213 216 221 261 267 273	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	

Képley 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		Du	e Date		
	Net 15 days	4/21/2011			
Service or Product		Qty	Per Foot F	Pricing/Unit Pricing	Amount
Amershack #8 Crawford County Section: Township: Range:		352		4.00 7.30%	1,408.00
	···. ··. <u></u>			<u>,</u>	

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