KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1063040

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
Name: Lorenz, James D.
Address 1: 543A 22000 RD
Address 2:
City: CHERRYVALE State: KS Zip: 67335 + __ __ __ __
Contact Person: James D. Lorenz
Phone: (620) 423-9360
CONTRACTOR: License # 33749
Name: Kepley Well Service, LLC
Wellsite Geologist: N/a
Purchaser: Coffeville Resources

Designate Type of Completion:

- [x] New Well [ ] Re-Entry [ ] Workover
- [x] Oil [ ] WSW [ ] SWD [ ] SIOW
- [ ] Gas [ ] D&A [ ] ENHR [ ] SIGW
- [ ] OG [ ] GSW [ ] Temp. Abd.
- [ ] CM *(Coal Bed Methane)*
- [ ] Cathodic [ ] Other *(Core, Expl., etc.)*:

If Workover/Re-entry: Old Well Info as follows:

Operator:
Well Name:
Original Comp. Date: Original Total Depth:

- [ ] Deepening [ ] Re-perf. [ ] Conv. to ENHR [ ] Conv. to SWD
- [ ] Conv. to GSW
- [ ] Plug Back: Plug Back Total Depth
- [ ] Commingled Permit #:
- [ ] Dual Completion Permit #:
- [ ] SWD Permit #:
- [ ] ENHR Permit #:
- [ ] GSW Permit #:

04/18/2011	04/20/2011	04/30/2011
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-037-22171-00-00
Spot Description:
NE - NE - SE - SW Sec. 18 Twp. 30 S. R. 22 [x] East [ ] West
1155 Feet from [ ] North / [x] South Line of Section
2805 Feet from [x] East / [ ] West Line of Section
Footages Calculated from Nearest Outside Section Corner:
[ ] NE [ ] NW [x] SE [ ] SW
County: Crawford
Lease Name: Amershek #1 Well #: 7A
Field Name: McCune
Producing Formation: Bartlesville
Elevation: Ground: 890 Kelly Bushing: 895
Total Depth: 365 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 21 Feet
Multiple Stage Cementing Collar Used? [ ] Yes [x] No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from: 256
feet depth to: 0 w/ 56 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content: 0 ppm Fluid volume: 0 bbls
Dewatering method used: Evaporated
Location of fluid disposal if hauled offsite:
Operator Name:
Lease Name: License #:
Quarter Sec. Twp. S. R. [ ] East [ ] West
County: Permit #:

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:**
- [x] **Wireline Log Received**
- [ ] **Geologist Report Received**
- [ ] **UIC Distribution**

ALT [ ] I [x] II [ ] III **Approved by:** Deanna Garrisor **Date:** 09/12/2011

Side Two

1063040

Operator Name: Lorenz, James D. Lease Name: Amershek #1 Well #: 7A

Sec. 18 Twp. 30 S. R. 22 ☑ East ☐ West County: Crawford

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 ☐ Yes ☑ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☑ No

Cores Taken ☐ Yes ☑ No
Electric Log Run ☑ Yes ☐ No
Electric Log Submitted Electronically ☑ Yes ☐ No
(If no, Submit Copy)

List All E. Logs Run:

Gamma Ray Neutron Completion Log

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Driller's Log	0	365

CASING RECORD ☐ New ☑ Used
Report all strings set-conductor, surface, intermediate, production, 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
Surface	12.2500	8.6550	18	21	Portland	4	
Production	6.7500	2.8750	6.500	256	OWC	56	

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:
☐ Perforate
☐ Protect Casing
☐ Plug Back TD
☐ Plug Off Zone

Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
-			
-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record *(Amount and Kind of Material Used)*	Depth
2	2" DML-RTG	AWAITING ACIDIZING	217-281

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 Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	0	0	0	0

DISPOSITION OF GAS:
☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)*

PRODUCTION INTERVAL:

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

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	
API #:	15-037-22171-0000			
Operator:	James D. Lorenz			
Address:	543A 22000 Road			
	Cherryvale, KS 67335 - 8515			
Well #:	7A	Lease Name:	Amershek I	
Location:	1155	FSL		
	2805	FEL		
Spud Date:		4/18/2011		
Date Completed:		4/20/2011	TD:	365
Geologist:				
Driller:		Josiah Kephart		
Casing Record		Surface	Production	
Hole Size		12 1/4"	6 3/4"	
Casing Size		8 5/8"		
Weight				
Setting Depth		21' 6"		
Cement Type		Portland		
Sacks		4		
Feet of Casing				

HAVE RIG Rig # 2 WILL DIG!

S18	T30S	R22E
Location:		NE,NE,SE,SW
County		Crawford - KS

Gas Tests

Depth	Oz.	Orfice	flow - MCF
80		No Flow	
105		No Flow	
205		Trace	
230	2	3/8"	5.05
255	Gas CheckSame		
280	3	3/8"	6.18
305	Gas CheckSame		
365	Gas CheckSame		

11LD-042011-R2-022-Amershek I 7A - James D. Lorenz

Well Log

Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
0	2	overburden	186	197	shale	295	302	sand
2	9	clay	197	198	lime	302	306	shale
9	11	lime	198	205	shale	306	307	coal
11	14	shale	205	206	coal	307	345	shale
14	22	lime	206	215	shale	345	346	coal
		wet	215	216	coal	346	365	shale
22	44	shale	216	241	shale	365		Total Depth
22	46	coal	241	242	coal			
46	59	shale	242	259	shale			
59	78	lime	259	263	sand			
78	79	shale	263	269	shale			
79	80	coal	269	286	oil sand			
80	82	shale			odor			
82	94	lime	270	272	bleeding			
94	101	shale	275	276	bleeding			
101	102.5	coal	278	284	bleeding			
102.5	184	shale	286	291	sandy shale			
184	186	coal	291	295	shale			

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