KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1053541

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 + 8515
Contact Person: James
Phone: (620) 328-4433
CONTRACTOR: License # 33749
Name: Kepley Well Service, LLC
Wellsite Geologist: N/A
Purchaser: Coffeyville 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 #:

03/16/2011	03/17/2011	04/07/2011
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-037-22144-00-00
Spot Description:
NW - NE - NE - NW Sec. 19 Twp. 30 S. R. 22 [x] East [ ] West
5115 Feet from [ ] North / [x] South Line of Section
3135 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 II Well #: 1B
Field Name: McCune
Producing Formation: Bartlesville
Elevation: Ground: 910 Kelly Bushing: 915
Total Depth: 355 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 23 Feet
Multiple Stage Cementing Collar Used? [ ] Yes [x] No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from: 3555
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:** 06/28/2011

Side Two

1053541

Operator Name: Lorenz, James D. Lease Name: AMERSHEK II Well #: 1B

Sec. 19 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 Log

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

Name	Top	Datum
Driller's Log	0	355

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	8.6260	18	23	Portland	4	
Production	6.7500	2.8750	6.500	355	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	15%HCL Acid spot (50gal on perf) Sand 20-40,12-20 frac	308-318
2	2"DML-RTG	15%HCL Acid spot (50gal on perf) Sand 20-40,12-20 frac	298-304

TUBING RECORD: Size: 1" Set At: 333 Packer At: 0

Liner Run: ☐ Yes ☑ No

Date of First, Resumed Production, SWD or ENHR. 06/21/2011

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	2				30

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

Kepley Well Service, LLC

19245 Ford Road
Chanute, KS 66720

Date	Invoice #
4/7/2011	45348

Cement Treatment Report

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

(x) Landed Plug on Bottom at 800 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 1/4"
TOTAL DEPTH: 360

Well Name	Terms	Due Date
	Net 15 days	4/7/2011

Service or Product	Qty	Per Foot Pricing/Unit Pricing	Amount
Run and cement 2 7/8"	355	4.00	1,420.00
Sales Tax		7.30%	0.00

Amershack B-1
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 56 sacks of OWC, dropped rubber plug, and pumped 2 barrels of water

Total	$1,420.00
Payments/Credits	$0.00
Balance Due	$1,420.00

pd 4/11/11
ck# 1014
$13,492

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 #:	15-037-22144-0000			
Operator:	James D. Lorenz			
Address:	543A 22000 Road			
	Cherryvale, KS 67335 - 8515			
Well #:	1B	Lease Name:	Amershek II	
Location:	5115	FSL		
	3135	FEL		
Spud Date:		3/16/2011		
Date Completed:		3/17/2011	TD:	355
Geologist:				
Driller:		Josiah Kephart		
Casing Record		Surface	Production	
Hole Size		12 1/4"	6 3/4"	
Casing Size		8 5/8"		
Weight				
Setting Depth		23		
Cement Type		Portland		
Sacks		4		
Feet of Casing				

HAVE RIG Rig #2 WILL DIG!

S19 T30S	R22E
Location:	NW,NE,NE,NW
County	Crawford

Gas Tests

Depth	Oz.	Orfice	flow - MCF
105		No Flow	
130		No Flow	
230		No Flow	
255		No Flow	
305		No Flow	
330		No Flow	
355		No Flow	

11LC-031711-R2-005-Amershek II - 1B-James D. Lorenz

Well Log

Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
0	2	overburden	237	247	shale			
2	4	clay	247	249	coal			
4	9	lime	249	285	shale			
9	11	blk shale	285	294	sand			
11	67	shale			top 8' oil and odor			
67	68	coal	294	299	sandy shale			
68	82	shale			good odor			
82	100	lime	299	315	sand			
92	94	oil odor			good odor			
100	106	shale	315	329	shale			
106	118	lime	329	330	coal			
118	123	shale	330	355	shale			
123	124	coal	355		Total Depth			
124	211	shale						
211	213	blk shale						
213	214	coal						
214	236	shale						
236	237	coal						