

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
June 2009

Form Must Be Typed  
Form must be Signed  
blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

**ORIGINAL**

OPERATOR: License # 9313  
Name: James D. Lorenz  
Address 1: 543A 22000 Road  
Address 2: \_\_\_\_\_  
City: Cherryvale State: \_\_\_\_\_ Zip: 67335 + 8515  
Contact Person: James D. Lorenz  
Phone: ( 620- ) 423-9360  
CONTRACTOR: License # 5831  
Name: Mokat Drilling  
Wellsite Geologist: none  
Purchaser: Coffeyville Resources

Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 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 #: \_\_\_\_\_  
10/13/10 10/14/10 11/05/10  
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 037-22121-00-00  
Spot Description: \_\_\_\_\_  
NW NE SE NW Sec. 18 Twp. 30 S. R. 22  East  West  
3,795 Feet from  North /  South Line of Section  
3,135 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Crawford  
Lease Name: Amershek Well #: 3  
Field Name: McCune  
Producing Formation: Bartlesville  
Elevation: Ground: 906 Est Kelly Bushing: 911  
Total Depth: 361 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at: 20-0 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from: 0  
feet depth to: 344 w/ 53 sx cmt.

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls  
Dewatering method used: \_\_\_\_\_  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

**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.

Signature: Helen L. Lorenz  
Title: agent Date: 2/28/11

**KCC Office Use ONLY**

Letter of Confidentiality Received  
Date: \_\_\_\_\_  
 Confidential Release Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: Dg Date: 3/9/11

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Operator Name: James D. Lorenz Lease Name: Amershek Well #: 3  
 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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	11"	8 5/8"		20-0'	Portland	6	
production	6 3/4"	2 7/8"		344-0'	OWC	53	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
1	2" DML-RTG	15% HCL acid spot 50 gal 20-40 12-20 sand frac	298-308'
1	2" DML-RTG	15% HCL acid spot 50 gal 20-40, 12-20 sand frac	316-324'

TUBING RECORD: Size: 1" Set At: 359' Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR: 1-27/2011 Producing Method:  Flowing  Pumping  Gas Lift  Other (Explain) \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	<u>1</u>		<u>1</u>		

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <div style="text-align: center; border: 1px solid black; padding: 5px; font-weight: bold;">RECEIVED</div>
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**Kepley Well Service, LLC**

19245 Ford Road  
Chanute, KS 66720

<b>Date</b>	<b>Invoice #</b>
11/5/2010	A-45452

**Cement Treatment Report**

L&S Well Service  
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: 380

Well Name	Terms	Due Date		
	Net 15 days	12/5/2010		
Service or Product	Qty	Per Foot Pricing/Unit Pricing	Amount	
Run and cement 2 7/8"	344	3.00	1,032.00	
Sales Tax		7.30%	0.00	

AmerShack #3  
Crawford County  
Section:  
Township:  
Range:

Hooked onto 2 7/8" casing. Established circulation with 2.5 barrels of water, 2 GEL, METSO, COTTONSEED ahead, blended 53 sacks of OWC cement, dropped rubber plug, and pumped 2 barrels of water

<b>Total</b>	<b>\$1,032.00</b>
<b>Payments/Credits</b>	<b>\$0.00</b>
<b>Balance Due</b>	<b>\$1,032.00</b>

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KCC WICHITA

Air Drilling  
Specialist  
Oil and Gas Wells



**M.O.K.A.T. DRILLING**  
Office Phone: (620) 879-5377



*Set Surface 10/12/2010*

P.O. Box 590  
Caney, KS 67333

Operator	JAMES LORENZ	Well No.	3	Lease	AMERSHEK	Loc.	1/4	1/4	1/4	Sec.	18	Twp.	30	Rge.	22
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County	CRAWFORD	State	KS	Type/Well		Depth		Hours		Date Started	10/14/10	Date Completed	10/14/10
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Job No.	Casing Used	Bit Record						Coring Record					
		Bit No.	Type	size	From	To	Bit No.	type	Size	From	To	% Rec.	
Driller	Cement Used												
Driller	Rig No.												
Driller	Hammer No.												

**Formation Record**

From	To	Formation	From	To	Formation	From	To	Formation	From	To	Formation
0	10	LIME									
10	30	SHALE									
30	55	SANDY SHALE									
55	65	SHALE									
65	66	COAL									
66	79	SHALE									
79	98	LIME									
98	104	BLK SHALE COAL									
104	117	LIME									
117	122	BLK SHALE									
122	123	COAL									
123	130	SAND									
130	205	SHALE									
205	206	COAL									
206	215	SHALE									
215	217	LIME									
217	222	BLK SHALE									
222	248	GREY SHALE									
248	250	LIME									
250	281	SHALE									
281	286	BLK SHALE									
286	287	SANDY SHALE									
287	323	SAND(OIL ODOR)									
323	361	SHALE									
		T.D. 361'									

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