

" REVISION "

RECOMPTD. ACOI IN  
LIEU OF ILLEGIBLE  
ACOI RECD 7/16/09

Form ACO-1  
October 2008  
Form Must Be Typed

**KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION**

**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: KS Zip: 67335 + 8515

Contact Person: James D. Lorenz

Phone: ( 620 ) 328-4433

CONTRACTOR: License # 33374

Name: L&S Well Service, LLC

Wellsite Geologist: N/A

Purchaser: Coffeyville Resources

Designate Type of Completion:

New Well     Re-Entry     Workover

Oil     SWD     SIOW

Gas     ENHR     SIGW

CM (Coal Bed Methane)     Temp. Abd.

Dry     Other \_\_\_\_\_  
(Core, WSW, Expl., Cathodic, 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

Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_

Commingled    Docket No.: \_\_\_\_\_

Dual Completion    Docket No.: \_\_\_\_\_

Other (SWD or Enhr.?)    Docket No.: \_\_\_\_\_

<u>03-20-09</u>	<u>03-23-09</u>	<u>03-30-09</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 099-24539-00-00

Spot Description: \_\_\_\_\_

N/2 NW NE SE Sec. 33 Twp. 31 S. R. 18e  East  West

2475 Feet from  North /  South Line of Section

990 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE     NW     SE     SW

County: Labette

Lease Name: Lorenz Well #: 26D

Field Name: Dartnell

Producing Formation: Bartlesville

Elevation: Ground: 850' Kelly Bushing: 855'

Total Depth: 1037' Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: 21'11"-0" Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: 01/14/08

feet depth to: 950 w/ 58 sx crmt.

**Drilling Fluid Management Plan** AKF INJ 4-26-0  
(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 No.: \_\_\_\_\_

Quarter: \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**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.

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: James D. Lorenz

Title: agent Date: 8-22-09

Subscribed and sworn to before me this 2nd day of FEB.

20 10

Notary Public: Terry M. Munn

**TERRY MCMUNN**  
Notary Public - State of Kansas  
My Appt. Expires 4-15-12

Date Commission Expires: 4-15-12

**KCC Office Use ONLY**

Letter of Confidentiality Received

If Denied, Yes  Date: \_\_\_\_\_

Wireline Log Received

Geologist Report Received

UIC Distribution

RECEIVED

FEB 08 2010

Operator Name: James D. Lorenz Lease Name: Lorenz Well #: 26D  
 Sec. 33 Twp. 31 S. R. 18e  East  West County: Labette

**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 copy of all Electric Wireline 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 <i>(Submit Copy)</i>  List All E. Logs Run: <p style="text-align: center;"><b>Gamma Ray Neutron Log</b></p>	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input 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"	21'11"	21'-11"-0"	Portland	6	none
Production	5 1/2"	2 7/8"	950'	950'-0'	OWC	850'	

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 (Amount and Kind of Material Used)	Depth
2	2" DML-RTG	15% HCL, Sand Frac 20-40, 12-20	762-770'

TUBING RECORD: Size: <u>1"</u> Set At: <u>930'</u> Packer At: _____	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Enhr. <u>4-13-09</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls. <u>1/4</u>	Gas Mcf	Water Bbls. <u>50BL</u>	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" 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 <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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# KWS, LLC

19245 Ford Road  
Chanute, KS 66720  
(620) 431-9212  
Mobile (620) 431-8945  
FED # 20-8746618

L & S Well Service  
543A 22000 Road  
Cherryvale, KS 67335

**INTEREST**  
APR 15 2009  
BY: IM

Date	Invoice
3/26/2009	912-1085

Date: 3-26-09  
Well Name: Lorenze #26D  
Section:  
Township:  
Range:  
County: Labette County  
API:  
PO#

## CEMENT TREATMENT REPORT

TYPE OF TREATMENT: Production Casing  
HOLE SIZE: 5.5  
TOTAL DEPT: 1032  
WIRE LINE READING BEFORE:  
WIRE LINE READING AFTER:

- Landed Plug on Bottom at 500 PSI
- Shut in Pressure
- Lost Circulation
- Good Cement Returns
- Topped off well with \_\_\_\_\_ Sacks
- Set Float Shoe - Shut In

Service or Product	Quantity	Per Foot Pricing/Unit Pricing	Amount
Pump cement	950	1.00	950.00
Metso	1	46.00	46.00
Gel	11	3.00	33.00
Flow Seal	1	10.00	10.00
OWC	12	11.75	141.00
Calcium Chloride	1	17.00	17.00
Cement per ton	1.45	113.00	163.85
2 7/8 Rubber Plugs	2	16.45	32.90T

RECEIVED  
FEB 08 2010  
KCC WICHITA

Hooked onto 2 7/8" casing. Established circulation with 6 barrels of water, 3 GEL, 1 METSO, COTTONSEED ahead, blended 58 sacks of OWC cement, dropped rubber plug, and pumped 5.5 barrels of water.

<b>Subtotal</b>	\$1,393.75
<b>Sales Tax (6.55%)</b>	\$2.15
<b>Balance Due</b>	\$1,395.90

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KANSAS CORPORATION COMMISSION

JUL 16 2009  
RECEIVED

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L S Well Service, LLC #33374  
543A 22000 Road  
Cherryvale, Kansas 67335  
620-328-4433

Drill Log  
Rig #7  
James D. Lorenz .

Lorenz #26D  
S33, T31, R18  
Labette Co, KS  
API#15-099-24539-00-00

0-3' Dirt  
3-73' Shale  
73-83' Limestone  
83-194' Shale  
194-196' Black Shale  
196-230' Shale  
230-250' Limestone  
250-270' Shale  
270-281' Limestone  
281-283' Black Shale  
283-286' Limestone  
286-325' Shale  
325-328' Limestone  
328-415' Shale  
415-437' Limestone Pink  
437-440' Black Shale  
440-501' Shale  
501-533' Limestone Oswego  
533-537' Black Shale  
537-561' Limestone  
561-568' Black Shale  
568-569' Coal  
569-573' Limestone  
573-605' Shale  
605-606' Coal  
606-615' Shale  
615-616' Coal  
616-620' Sand  
620-632' Shale  
632-634' Limestone  
634-636' Black Shale  
636-637' Coal  
637-703' Shale  
703-709' Sandy Shale  
709-726' Sand/Oil  
726-760' Sandy Shale  
760-776' Sand/Oil  
776-815' Shale  
815-817' Coal  
817-970' Shale  
970-971' Coal  
971-976' Shale  
976-1037' Limestone

**3-20-09 Drilled 11" dia hole and set  
21'-11" of 8 5/8" dia. Surface casing  
w/ 6 sacks of Portland Cement**

**3-26-09 Started drilling 5 1/2" hole**

**3-26-09 Finished drilling 5 1/2" hole  
T.D. 1037'**

**Rig #7**

**Did we dig pit? Yes**

**Did we kill well? No**

**Did we load hole with water? No**

**Water @ 610'**

**Water Increases**

**Odor @ 510'**

**Gas tests**

**586' Slight blow**

**616' Slight blow**

**696' Slight blow**

**736' Slight blow**

**766' 3" on 1/2" orifice**

KANSAS CORPORATION COMMISSION  
JUL 16 2009  
RECEIVED

**T.D. 1037'**