

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

RECOMMEND. ACOI IN USE
OF ILLEGIBLE ACOI Form ACO-1
REC'D 7/16/09 October 2008
Form Must Be Typed

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.: _____
3-23-09 3-24-09 3-26-09
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 099-24442-00-00
Spud Description: WINDY SE
____ Sec. 33 Twp. 31 S. R. 18 East West
2600 Feet from North / South Line of Section
1300 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Labette
Lease Name: Lorenz Well #: 26C
Field Name: Dartnell
Producing Formation: Bartlesville
Elevation: Ground: 850' Kelly Bushing: 855
Total Depth: 776 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 21'-10" 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: 752' w/ 850' sx cmt.

Drilling Fluid Management Plan AKIM 4-26-10
(Data must be collected from the Reserve Pit)
Chloride content: _____ ppm Fluid volume: _____ bbls
Dewatering method used: Vac truck by KWS LLC
Location of fluid disposal if hauled offsite: _____
Operator Name: James D. Lorenz
Lease Name: Hygrade(Lorenz) License No.: 9313
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: Labette Docket No.: D27,822

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: 8-20-09
Subscribed and sworn to before me this 2nd day of Feb.
20 10
Notary Public: Terry McMunn
Date Commission Expires: 4-15-12

TERRY MCMUNN
Notary Public - State of Kansas
My Appt. 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
KCC WICHITA

Operator Name: James D. Lorenz Lease Name: Lorenz Well #: 26C
 Sec. 33 Twp. 31 S. R. 18 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 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;">Gamma Ray Neutron completion Log</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"	21'10"	21'-10"-0	Portland	6	n/a
Production	5 1/2"	2 1/2"	752	752-0'	OWC	58	n/a

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
	Open hole 752-767' cemented 752-0"		752-767'
1			710-717'
RECEIVED			
FEB 08 2010			
KCC WICHITA			
TUBING RECORD: Size: Set At: Packer At: 752'		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or Enhr. awaiting pipe line being hooked up		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls. Gas-Oil Ratio Gravity

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 checked="" type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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L S Well Service, LLC #33374
543A 22000 Road
Cherryvale, Kansas 67335
620-328-4433

Drill Log

James D. Lorenz .

Lorenz #26C
S33, T31, R18E
Labette Co, KS
API#15-099-24442-00-00

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' Lime
634-636' Black Shale
636-637' Coal
637-703' Shale
703-709' Sandy Shale
709-726' Sand/Slight Oil
726-750' Sandy Shale
750-766' Sand Oil

03/23/09 Drilled 11" hole and set
21'-10" of 8 5/8" surface casing
Set with 6 sacks Portland cement

03/24/09 Started drilling 5 1/2" hole

03/24/09 Finished drilling to
T.D. 766'

Rig #7

Did we dig pit? Yes

Did we kill hole? No

Did we load hole with water? No

Water @ 600'

Water Increases

Gas tests

586' Slight Blow
616' Slight Blow
646' Slight Blow
736' Slight Blow
766' 5" on 1/2" orifice

KANSAS CORPORATION COMMISSION

JUL 16 2009
RECEIVED

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

ENTERED
APR 15 2009
BY: AK

Date	Invoice
3/26/2009	912-1086

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

CEMENT TREATMENT REPORT

TYPE OF TREATMENT: Production Casing
HOLE SIZE: 5.5
TOTAL DEPT: 767
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	767	1.00	767.00
Metso	1	46.00	46.00
Gel	3	3.00	9.00
Cement per ton	1.45	113.00	163.85
2 7/8" Rubber Plugs	2	16.45	32.90T

KANSAS CORPORATION COMMISSION
JUL 16 2009
RECEIVED

Hooked onto 2 7/8" casing. Established circulation with 5 barrels of water, 3 GEL, 1 METSO, COTTONSEED ahead, blended 58 sacks of OWC cement, dropped rubber plug, and pumped 4.5 barrels of water.

Subtotal	\$1,018.75
Sales Tax (6.55%)	\$2.15
Balance Due	\$1,020.90