

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 9313  
Name: James D. Lorenz  
Address: 543A 22000 Road  
City/State/Zip: Cherryvale, Kansas 67335  
Purchaser: none  
Operator Contact Person: James D. Lorenz  
Phone: (620) 328-4433  
Contractor: Name: L & S Well Service, LLC  
License: 33374  
Wellsite Geologist: none  
Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 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./SWD  
 Plug Back \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?) \_\_\_\_\_ Docket No. \_\_\_\_\_

2-1-06	2-2-06	2-20-06
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 099-23840-00-00  
County: Labette  
SE SE NW Sec. 33 Twp. 31 S. R. 18  East  West  
2970' feet from S N (circle one) Line of Section  
2970' feet from E W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Lorenz Well #: 16  
Field Name: Dartnell  
Producing Formation: Wildcat  
Elevation: Ground: 880' Kelly Bushing: 885'  
Total Depth: 962' Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 22.5 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 982' 940'  
feet depth to Surface w/ 120 sx cmt.  
Alt 2 - Dlg - 10/13/08  
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 No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

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**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: 5-02-06  
Subscribed and sworn to before me this 2nd day of May,  
2006  
Notary Public: Lisa J. Lorenz  
Date Commission Expires: 2-19-2008

**KCC Office Use ONLY**  
 Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

LISA J. LORENZ  
Notary Public - State of Kansas  
My Appt. Expires 2-19-2008

Operator Name: James D. Lorenz Lease Name: Lorenz Well #: 16  
 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 (Attach Additional Sheets)  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 (Submit Copy)  List All E. Logs Run: Gammaray, neutron, temperature, and density logs	<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"	450 lbs/22.5'	22.5'	Portland	7	none
production	6 3/4"	4 1/2"	962'	962'	OWC	120	

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

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <i>No Pipeline available Yet.</i>			Producing Method			
Estimated Production Per 24 Hours			Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	_____

L S Well Service, L.L.C.# 33374  
 543 22000 ROAD  
 CHERRYVALE, KANSAS 67335-8515  
 620-328-4433 OFFICE

TICKET NUMBER 20060220  
 LOCATION Labette Co  
 FOREMAN JLGBRL

**CEMENT TREATMENT REPORT**

DATE	WELL NAME		
<u>2/20/06</u>	<u>Lorenz #16</u>		
SECTION	TOWNSHIP	RANGE	COUNTY
<u>33</u>	<u>31</u>	<u>18</u>	<u>Labette</u>
CUSTOMER			
<u>James D. Lorenz</u>			
MAILING ADDRESS			
<u>543A 22000 Rd</u>			
CITY			
<u>Cherryvale</u>			
STATE		ZIP CODE	
<u>Kansas</u>		<u>67385</u>	
TIME ARRIVED ON LOCATION			

Hole	Pipe	Annual Volume in Linear Ft./Bl.
6 3/4"	4 1/2"	40.5
6 1/2"	4 1/2"	46
6 1/4"	2 1/2"	33.5
5 1/4"	2 1/2"	53.5
5 1/4"	2"	47
5 1/2"	2 1/2"	41
Tubing-Linear Ft./Bl.		
11"	8 5/8"	15
10"	7"	24
4 1/2"	10.5 lb.	63.1
2 1/2"		170
2"		250

WELL DATA	
HOLE SIZE	<u>6 3/4"</u>
TOTAL DEPTH	<u>962'</u>
CASING SIZE	<u>4 1/2"</u>
CASING DEPTH	<u>940'</u>
PACKER DEPTH	
WIRE LINE READING BEFORE	
WIRE LINE READING AFTER	

TYPE OF TREATMENT
<input type="checkbox"/> SURFACE PIPE
<input checked="" type="checkbox"/> PRODUCTION CASING
<input type="checkbox"/> SQUEEZE CEMENT
<input type="checkbox"/> PLUG AND ABANDON
<input type="checkbox"/> PLUG BACK
<input type="checkbox"/> MISP. PUMP
<input type="checkbox"/> WASH DOWN
<input type="checkbox"/> OTHER

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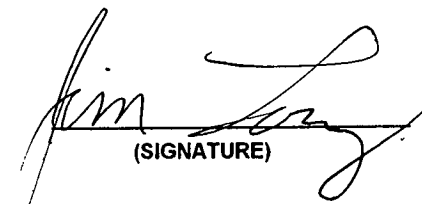
INSTRUCTIONS PRIOR TO JOB MAY 10 2006

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AUTHORIZATION TO PROCEED TITLE DATE

HOOKED ONTO 4 1/2" CASING. ESTABLISHED CIRCULATION WITH 120 BARRELS OF WATER, AHEAD, THEN BLENDED 120 SACKS OF OWC CEMENT, THEN DROPPED RUBBER PLUG, THEN PUMPED 15 BARRELS OF WATER.

- LANDED PLUG ON BOTTOM AT \_\_\_\_\_ PSI
- SHUT IN PRESSURE \_\_\_\_\_
- LOST CIRCULATION
- GOOD CEMENT RETURNS
- TOPPED OFF WELL WITH \_\_\_\_\_ SACKS
- SET FLOAT SHOE - SHUT IN

  
 (SIGNATURE)

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

Drill Log

James D. Lorenz .

Lorenz #16  
S33, T31,R18  
Labette Co, KS  
API#099-23840-0000

0-2 DIRT  
2-140' SHALE  
140-155 LIME  
155-180 SHALE  
180-185 LIME  
185-190 SHALE  
190-192 BLACK SHALE  
192-205 LIME  
205-208 BLACK SHALE  
208-225 SHALE  
225-285 SAND  
285-300 SANDY SHALE  
300-330 SHALE  
330-340 LIME  
340-348 SHALE  
348-349 COAL  
349-351 LIME  
351-405 SHALE  
405-430 LIME  
430-436 SHALE  
436-469 LIME  
469-470 COAL  
470-475 LIME  
475-505 SHALE  
505-506 COAL  
506-599 SHALE  
599-600 COAL  
600-636 SHALE  
636-790 SANDY SHALE  
790-796 GRAY SANDY SHALE  
796-801 BROWN SAND  
801-810 BLACK SHALE  
810-825 SHALE  
825-826 COAL  
826-841 SHALE  
841-842 COAL  
842-892 SHALE  
892-962 LIME

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T.D. 962'

2-1-06 Drilled 11" hole and set  
22.5' of 8 5/8" surface casing  
Set with 7 sacks Portland cement

2-2-06 Started drilling 6 3/4" hole

2-2-06 Finished drilling to  
T.D. 962'

WATER @ 661  
410' STRONG ODOR

210' SLIGHT BLOW  
285' 3" ON 1/2" ORIFICE  
360' 6" ON 1/2" ORIFICE  
435' 8" ON 1/2" ORIFICE  
485' 8" ON 1/2" ORIFICE  
511' 11" ON 1/2" ORIFICE  
536' 11" ON 1/2" ORIFICE  
611' 11" ON 1/2" ORIFICE  
661' 12" ON 1/2" ORIFICE  
761' 15" ON 1/2" ORIFICE  
786' 15" ON 1/2" ORIFICE  
836' 22" ON 1/2" ORIFICE  
861' 40" ON 1/2" ORIFICE  
912' 40" ON 1/2" ORIFICE  
937' 40" ON 1/2" ORIFICE  
962' 40" ON 1/2" ORIFICE

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330-340 LIME  
340-348 SHALE  
348-349 COAL  
349-351 LIME  
351-405 SHALE  
405-430 LIME  
430-436 SHALE  
436-469 LIME  
469-470 COAL  
470-475 LIME  
475-505 SHALE  
505-506 COAL  
506-599 SHALE  
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636-790 SANDY SHALE  
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