

**KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Form ACO-1  
September 1999  
Form Must Be Typed

**ORIGINAL**

Operator: License # 9313  
 Name: James D. Lorenz  
 Address: 543A 22000 Road  
 City/State/Zip: Cherryvale, Kansas 67335-8515  
 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     SIOW     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. \_\_\_\_\_

<u>9-6-06</u>	<u>9-8-06</u>	<u>10-4-06</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 099-24093-0000  
 County: Lette  
NW NE NE Sec. 32 Twp. 31 S. R. 18  East  West  
4950' feet from (S) / N (circle one) Line of Section  
820' 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 #: 18  
 Field Name: Dartnell  
 Producing Formation: Mississippi  
 Elevation: Ground: 850' Kelly Bushing: 855'  
 Total Depth: 980' Plug Back Total Depth: \_\_\_\_\_  
 Amount of Surface Pipe Set and Cemented at 22' Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set \_\_\_\_\_ Feet  
 If Alternate II completion, cement circulated from 980'  
 feet depth to surface w/ 165 sx cmt.

**Drilling Fluid Management Plan** AIT # Ntl 7-8-08  
 (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: Lisa J. Lorenz  
 Title: Agent Date: 12-29-06  
 Subscribed and sworn to before me this 29th day of December  
2006  
 Notary Public: Lisa 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  
**RECEIVED**  
 KANSAS CORPORATION COMMISSION

MAY 14 2007

CONSERVATION DIVISION  
WICHITA, KS

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

Operator Name: James D. Lorenz Lease Name: Lorenz Well #: 18  
 Sec. 32 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:  Drillers log, electric log	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------

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"	22'	22' - 0'	Portland	6	none
production	6 3/4"	4 1/2"	980'	980' - 0'	OWC	165	2% gel

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
4	3 1/8" slick tag gun - 17 shots		477-481'
4	3 1/8" slick tag gun - 17 shots		506-510'

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
shut in waiting		for pipe line			
Date of First, Resumed Production, SWD or Enhr.			Producing Method		
<input checked="" type="checkbox"/> Shut in <input type="checkbox"/> Flowing			<input checked="" 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	METHOD OF COMPLETION	Production Interval	RECEIVED
<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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)	KANSAS CORPORATION COMMISSION MAY 14 2007

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

Drill Log  
James D. Lorenz .

Lorenz #18  
S32, T31, R18  
Labette Co, KS  
API#099-24093-0000

0-22 SAND ROCK  
22-190 SHALE  
190-250 LIME  
250-320 SANDY SHALE  
320-360 SHALE  
360-390 LIME  
390-445 SHALE  
445-475 LIME  
475-482 SHALE  
482-506 LIME  
506-510 SHALE  
510-520 LIME  
520-645 SHALE  
645-650 SAND  
650-925 SHALE  
925-980 LIME

T.D. 980'

9-6-06 Drilled 11" hole and set  
22' of 8 5/8" surface casing  
Set with 6 sacks Portland cement

9-8-06 Started drilling 6 3/4" hole

9-8-06 Finished drilling to  
T.D. 980'

T.D. 1006'

RECEIVED  
KANSAS CORPORATION COMMISSION

MAY 14 2007

CONSERVATION DIVISION  
WICHITA, KS

L S Well Service, L.L.C.# 33374  
 543-22060 ROAD  
 CHERRYVALE, KANSAS 67335-8515  
 620-328-4433 OFFICE

TICKET NUMBER 20060912  
 LOCATION MOBILITY CO  
 FOREMAN JL Kelly

**CEMENT TREATMENT REPORT**

API 150 99-24093-00-00

DATE <u>9/17/06</u>	WELL NAME <u>LORENZ 18</u>		
SECTION <u>32</u>	TOWNSHIP <u>31</u>	RANGE <u>18</u>	COUNTY <u>L.B</u>
CUSTOMER <u>JIM LORENZ</u>			
MAILING ADDRESS <u>543A 22000 Road</u>			
CITY <u>Cherryvale</u>			
STATE <u>Kansas</u>		ZIP CODE <u>67335</u>	
TIME ARRIVED ON LOCATION			

Hole	Pipe	Annual Volumn 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 1/4"</u>
TOTAL DEPTH	<u>1081'</u>
CASING SIZE	<u>4 1/2"</u>
CASING DEPTH	<u>980</u>
PACKER DEPTH	
WIRE LINE READING BEFORE	
WIRE LINE READING AFTER	

**TYPE OF TREATMENT**

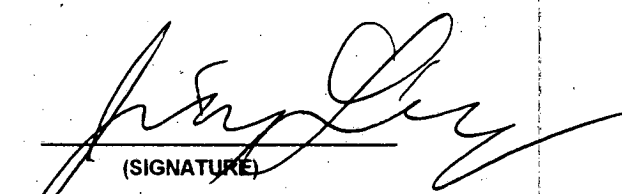
- SURFACE PIPE
- PRODUCTION CASING
- SQUEEZE CEMENT
- PLUG AND ABANDON
- PLUG BACK
- MISP. PUMP
- WASH DOWN
- OTHER

INSTRUCTIONS PRIOR TO JOB \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

AUTHORIZATION TO PROCEED \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

HOOKED ONTO 4 1/2" CASING. ESTABLISHED CIRCULATION WITH 20 BARRELS OF WATER,  
6 GEL 2 MBT 40-1 COTTON AHEAD, THEN BLENDED  
165 SACKS OF OWC CEMENT, THEN DROPPED RUBBER PLUG, THEN  
 PUMPED 15.5 BARRELS OF WATER.

- LANDED PLUG ON BOTTOM AT \_\_\_\_\_ PSI
- SHUT IN PRESSURE 0
- LOST CIRCULATION
- GOOD CEMENT RETURNS
- TOPPED OFF WELL WITH \_\_\_\_\_ SACKS
- SET FLOAT SHOE - SHUT IN

  
 (SIGNATURE)

RECEIVED  
 KANSAS CORPORATION COMMISSION  
 MAY 14 2007  
 CONSERVATION DIVISION  
 WICHITA, KS