

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

**ORIGINAL**

Form ACO-1  
September 1999  
Form Must Be Typed

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>9-5-06</u>	<u>9-7-06</u>	<u>10-4-06</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 099-24094-0000  
 County: Lette  
SE NW NW Sec. 33 Twp. 31 S. R. 18  East  West  
4200' feet from (S) N (circle one) Line of Section  
4214' 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 #: 19  
 Field Name: Dartnell  
 Producing Formation: Bartlesville  
 Elevation: Ground: 850' Kelly Bushing: 855'  
 Total Depth: 1036' 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 1078'  
 feet depth to surface w/ 162 sx cmt.

**Drilling Fluid Management Plan** Ait II NH 79-08  
 (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: KANSAS CORPORATION COMMISSION  
 Lease Name: \_\_\_\_\_  
 Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
 County: WICHITA, KS

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 WICHITA, KS

**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: Helen J. Lorenz  
 Title: agent Date: 12-29-06  
 Subscribed and sworn to before me this 29th day of December  
1/2007  
 Notary Public: Lisa J. Lorenz  
 Date Commission Expires: 2-19-2008

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

**KCC Office Use ONLY**

Letter of Confidentiality Attached  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Operator Name: James D. Lorenz Lease Name: Lorenz Well #: 19  
 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:  Drillers log, electric log	<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"	22'	22'	Portland	6	none
production	5 1/2"	2 1/2"	1078'	1078'	OWC	162	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
2	2" DML - RTG - 17 shots	500 Gal. 15% HCL Acid Spot/Sand Frac	1000-1008
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TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes	CONSERVATION DIVISION <input type="checkbox"/> WICHITA, KS
1"		1050'			
Date of First, Resumed Production, SWD or Enhr.		Producing Method			
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
	Trace	0	10 BLS		

Disposition of Gas  Vented  Sold  Used on Lease (If vented, Submit ACO-18.)

METHOD OF COMPLETION

Open Hole  Perf.  Dually Comp.  Commingled  
 Other (Specify) \_\_\_\_\_

Production Interval

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

Drill Log

James D. Lorenz .

Lorenz #19  
S33, T31,R18  
Labette Co, KS  
API#099-24094-0000

0-3	DIRT
3-25'	SAND ROCK
25-220'	SHALE
220-280	LIME
280-400	SANDY SHALE
400-420	LIME
420-490	SHALE
490-515	LIME
515-522	SHALE
522-546	LIME
546-552	SHALE
552-562	LIME
562-680	SHALE
680-695	SAND
695-970	SHALE
970-1086	LIME

**T.D. 1086'**

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

**9-7-06 Started drilling 5 1/2" hole**

**9-7-06 Finished drilling to  
T.D. 1086'**

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WICHITA, KS

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

TICKET NUMBER 20060913  
 LOCATION LB  
 FOREMAN JL

**CEMENT TREATMENT REPORT**

API # 099-24094-00-00

DATE <u>9-12-06</u>		WELL NAME <u>LORENZ 19</u>	
SECTION <u>33</u>	TOWNSHIP <u>31</u>	RANGE <u>18</u>	COUNTY <u>LB</u>
CUSTOMER <u>James D. Lorenz</u>			
MAILING ADDRESS <u>543A 22000 Road</u>			
CITY <u>Cherryvale</u>			
STATE <u>Kansas</u>		ZIP CODE	
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>5/2"</u>
TOTAL DEPTH	<u>1096'</u>
CASING SIZE	<u>2 7/8"</u>
CASING DEPTH	<u>1078'</u>
PACKER DEPTH	
WIRE LINE READING BEFORE	
WIRE LINE READING AFTER	

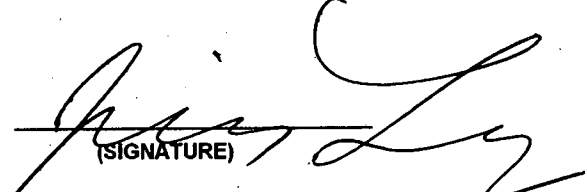
**TYPE OF TREATMENT**

- 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 <u>2 1/2"</u>	"CASING, ESTABLISHED CIRCULATION WITH <u>30</u> BARRELS OF WATER,	
<u>2 METRO 6 GEL</u>	<u>1 COTTON SEED HULLS</u> AHEAD, THEN BLENDED	
<u>162</u> SACKS OF <u>OWC</u>	CEMENT, THEN DROPPED RUBBER PLUG, THEN	
PUMPED <u>6</u> BARRELS OF WATER.		

- LANDED PLUG ON BOTTOM AT 2000 PSI
- SHUT IN PRESSURE \_\_\_\_\_
- LOST CIRCULATION
- GOOD CEMENT RETURNS
- TOPPED OFF WELL WITH \_\_\_\_\_ SACKS
- SET FLOAT SHOE - SHUT IN

  
 (SIGNATURE)

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