

**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: Coffeyville Refinery
 Operator Contact Person: James D. Lorenz
 Phone: (620) 328-4433
 Contractor: Name: L & S Well Service, L.L.C.
 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. _____

09/23/06	09/25/06	09/29/06
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 099-24113-00-00
 County: Labette
NW SW NE NW Sec. 33 Twp. 31 S. R. 18 East West
4200 feet from S N (circle one) Line of Section
3884 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 #: 20
 Field Name: Dartnell
 Producing Formation: Bartlesville
 Elevation: Ground: 900 Kelly Bushing: 905
 Total Depth: 1065 Plug Back Total Depth: _____
 Amount of Surface Pipe Set and Cemented at 21.5-0' (8 5/8) Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set _____ Feet
 If Alternate II completion, cement circulated from 1033'
 feet depth to surface w/ 120 sx cmt.

Drilling Fluid Management Plan AH II NH 7-9-08
 (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: *James D. Lorenz*
 Title: agent Date: 1/19/07
 Subscribed and sworn to before me this 19th day of January
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 Received
 Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

RECEIVED
 KANSAS CORPORATION COMMISSION
MAY 14 2007

CONSERVATION DIVISION
WICHITA, KS

Operator Name: James D. Lorenz Lease Name: LORENZ Well #: 20
 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 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: Radioactivity Log Differential Temp. Log, Density-Neutron Log Hi-Resolution Density, Duel Induction, Differential Temperature Log	<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"	21.5'	21.5-0'	Portland	6	none
Production	5 1/2"	2 7/8"	1033'	1033-0'	OWC	120	none

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" SML-RTG (17 SHOTS)	Acid spot 75 1/5% HCL/Sand Frac 20/40	752-860'

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. awaiting line			Producing Method <input checked="" 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 Vented Sold Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

RECEIVED
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 #20
S33, T31,R18
Labette Co, KS
API#099-24113-0000

0-25 SAND ROCK
25-220' SHALE
220-290' LIME
290-320 SHALE
320-350' SAND
350-400' SHALE
400-430' LIME
430-490 SHALE
490-520' LIME
250-525 BLQACK SHALE
525-560' LIME
560-565' BLACK SHALE W/ODOR
565-570' LIME
570-615' SHALE
615-620' LIME
620-855' SHALE
855-863' SAND WITH ODOR
863-940' SHALE
940-943' COAL
943-970' SHALE
970-1065' MISS.

T.D. 1065'

**09-23-06 Drilled 11" hole and set
21.5' of 8 5/8" surface casing
Set with 6 sacks Portland cement**

09-25-23-06 Started drilling 5 1/2" hole

**10-27-06 Finished drilling to
T.D. 1065'**

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

TICKET NUMBER 20060929
 LOCATION JL DH Labette
 FOREMAN JLDH

CEMENT TREATMENT REPORT

API# 099-24113-00-00

DATE <u>9-29-06</u>	WELL NAME <u>LORENZ NO 20</u>		
SECTION <u>31</u>	TOWNSHIP <u>31</u>	RANGE <u>18E</u>	COUNTY <u>LB</u>
CUSTOMER <u>James D. Lorenz</u>			
MAILING ADDRESS <u>543A 22000 Rd</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>5 1/2"</u>
TOTAL DEPTH	<u>1050'</u>
CASING SIZE	<u>2 1/2"</u>
CASING DEPTH	<u>1033'</u>
PACKER DEPTH	
WIRE LINE READING BEFOI	
WIRE LINE READING AFTER	

TYPE OF TREATMENT

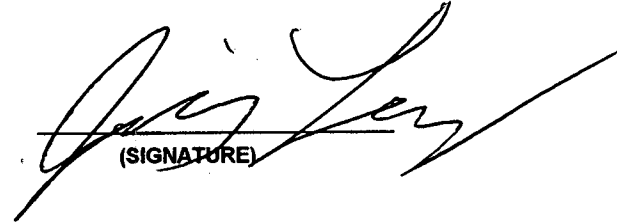
- SURFACE PIPE
- PRODUCTION CASING
- SQUEEZE CEMENT
- PLUG AND ABANDON
- PLUG BACK
- MISP. PUMP
- WASH DOWN
- OTHER

INSTRUCTIONS PRIOR TO JOB _____

AUTHORIZATION TO PROCEED TITLE DATE

HOOKED ONTO 2 1/2" CASING. ESTABLISHED CIRCULATION WITH 30 BARRELS OF WATER,
1 ME10 3 GALL 1/2 COTTON AHEAD, THEN BLENDED
120 SACKS OF 1205 AKOWC CEMENT, THEN DROPPED RUBBER PLUG, THEN
 PUMPED 6 BARRELS OF WATER.

- LANDED PLUG ON BOTTOM AT 500 PSI
- SHUT IN PRESSURE 0
- LOST CIRCULATION
- GOOD CEMENT RETURNS
- TOPPED OFF WELL WITH _____ SACKS
- SET FLOAT SHOE - SHUT IN


 (SIGNATURE)

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 KANSAS CORPORATION COMMISSION

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CONSERVATION DIVISION
 WICHITA, KS