

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 67335-8515
 Purchaser: Carroll Energy, L.L.C.
 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. _____

10/14/06	10/16/06	10/23/06
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 099-24121-00-00
 County: Labette
N/2 N/2 SE NE Sec. 32 Twp. 31 S. R. 18 East West
3930 feet from (S) N (circle one) Line of Section
1320 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 #: 22
 Field Name: Dartnell
 Producing Formation: _____
 Elevation: Ground: 900 Kelly Bushing: 905
 Total Depth: 1001 Plug Back Total Depth: _____
 Amount of Surface Pipe Set and Cemented at 22.5'-0' Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set _____ Feet
 If Alternate II completion, cement circulated from 975
 feet depth to SURFACE w/ 120 sx cmt.

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.: _____

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: 2/08/07
 Subscribed and sworn to before me this 8th day of February,
2007.
 Notary Public: Lisa J. Lorenz
 Date Commission Expires: 2-19-2012

LISA J. LORENZ
Notary Public - State of Kansas
My Appt. Expires 2-19-2012

KCC Office Use ONLY

Letter of Confidentiality Received
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

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Operator Name: James D. Lorenz Lease Name: Lorenz Well #: 22
 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 <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:	<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"	20.5"	20.5-0'	Portland	6	NONE
Production	6 3/4"	4 1/2"	975'	975-0'	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 <i>(Amount and Kind of Material Used)</i>	
			Depth
1	3 1/2" Slick tag gun	500 gal 15% HCL Acid Spot Sand Frac 20-40, 12-20	760-764'
1	3 1/2" Slick tag gun	15% HCL Acid Spot, Sand Frac 20-40, 12-20	765-775'
1	3 1/2" Slick tag gun	same as above	776-786'

TUBING RECORD	Size Set At 2 3/8 940'	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumerd Production, SWD or Enhr. 9-01-07	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio
		20	5	

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

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James D. Lorenz KCC Lic. #9313
 543A 22000 ROAD
 CHERRYVALE, KANSAS 67335-8515
 620-328-4433 OFFICE

TICKET NUMBER 20061023
 LOCATION Labette Co
 FOREMAN J. R. L. BB

CEMENT TREATMENT REPORT

DATE <u>10-23-01</u>	CUSTOMER#	WELL NAME <u>Lorenz #22</u>	# <u>22</u>
SECTION <u>32</u>	TOWNSHIP <u>31</u>	RANGE <u>18E</u>	COUNTY <u>Labette</u>
CUSTOMER <u>James D. 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 VOLUME IN LINEAR FT./BL.	
6 3/4"	4 1/2"	40.5	
6 1/4"	4 1/2"	54.5	
6 1/4"	2 1/2"	33.5	
5 1/4"	2 1/2"	53.5	
5 1/4"	2"	47	
TUBING-LINEAR FT./BL.			
4 1/2"	9.5 lb.	61.7	
4 1/2"	10.5 lb.	63.1	
4 1/2"	11.6 lb.	64.5	
2 1/2"		170	
2"		250	

WELL DATA	
HOLE SIZE	<u>6 3/4"</u>
TOTAL DEPTH	<u>1001</u>
CASING SIZE	<u>4 1/2"</u>
CASING DEPTH	<u>975'</u>
OPEN HOLE	
PACKER DEPTH	
WIRE LINE	READING BEFORE
WIRE LINE	READING AFTER
TREATMENT VIA	

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 30 BARRELS OF WATER, RAN 6 Sx. GEL, 1 Sx. COTTONSEED HULLS, 2 Sx. METASILICATE AHEAD, THEN BLENDED 120 SACKS OF OWC CEMENT, THEN DROPPED RUBBER PLUG, THEN PUMPED 13.5 BARRELS OF WATER.

- PLUG ON BOTTOM
 SHUT IN PRESSURE
 LOST CIRCULATION
 GOOD CEMENT RETURNS
 TOPPED OFF WELL WITH _____ SACKS

[Signature]
 (SIGNATURE)

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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 #22
S33, T31,R18E
Labette Co, KS
API#099-24121-0000

0-3' Dirt
3-25' Sand Rock
25-180 Shale
180-250' Lime
250-270' Shale
270-280' Sand
280-370' Sandy Shale
370-400' Lime
400-460' Shale
460-480' Lime
480-485' Black Shlae
485-510' Lime
510-515' Black Shlae
515-520' Lime
520-650' Shale
650-657' Sand with Coal
657-750' Shale
750-825' Sandy Shale
825-912' Shale
912-914' Coal
914-960' Shale
960-1001' Lime
T.D. 1001'

**10/14/06 Drilled 11" hole and set
20' of 8 5/8" surface casing
Set with 6 sacks Portland cement**

10/16/06 Started drilling 5-1/2" hole

**10/16/06 Finished drilling to
T.D. 1001'**

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