

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: BLUESTEM PIPELINE/Carroll Energy, LLC
 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. _____

07/05/07	7/06/07	7/09/07
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 099-24207-00-00
 County: Labette
N/2 NW NW SW Sec. 3 Twp. 31 S. R. 18 East West
4290 2475 feet from S N (circle one) Line of Section
2970 4950 feet from E W (circle one) Line of Section
 Footages Calculated from REC-DIG Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Daryl Lorenz Trust Well #: #2
 Field Name: Dartnell
 Producing Formation: Wier, Flemming
 Elevation: Ground: 850 Kelly Bushing: 855
 Total Depth: 1005 Plug Back Total Depth: 800
 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 816
 feet depth to surface 147 sx cmt.
AKA - Dig - 6/2/08

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.: _____

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: [Signature]
 Title: AGENT Date: 11/01/07
 Subscribed and sworn to before me this 1st day of November,
2007.
 Notary Public: [Signature]
 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
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
RECEIVED
MAR 10 2008
KCC WICHITA

Operator Name: James D. Lorenz Lease Name: Daryl Lorenz Trust Well #: # 2
 Sec. 3 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: Diff temp, Dual induction, density-neuton, hi resolution density	<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"	22.5'	20.5-0'	Portland	6	
Production	5 1/2"	2 7/8"	800'	800-0'	OWC		

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	2" DML-RTG	300 GAL HCL	698-702
4	2" DML-RTG		722-726
4	2" DML-RTG		742-744

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
1"			786'				
Date of First, Resumerd Production, SWD or Enhr. Supplies resident only-not sold			Producing Method				
			<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		
		4	20-0'				

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" 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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L S Well Service, L.L.C.# 33374
 543 22000 ROAD
 CHERRYVALE, KANSAS 67335-8515
 620-328-4433 OFFICE

TICKET NUMBER 20070709
 LOCATION Labette
 FOREMAN JR KWS

CEMENT TREATMENT REPORT

API# 099-24207-00-00

DATE <u>7/09/07</u>	WELL NAME <u>Daryl Lorenz Trust #2</u>		
SECTION <u>3</u>	TOWNSHIP <u>31</u>	RANGE <u>18 E</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 <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.		
8 5/8"		
7"		
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>1085'</u>
CASING SIZE	<u>2 7/8"</u>
CASING DEPTH	<u>800'</u>
PACKER DEPTH	
WIRE LINE READING BEFOI	
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

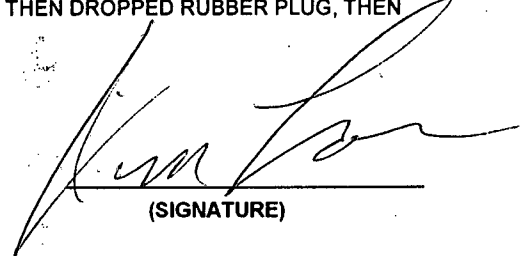
INSTRUCTIONS PRIOR TO JOB _____

Raw pipe to bottom pumped 30sx cement
pulled up to 816

AUTHORIZATION TO PROCEED _____ TITLE _____ DATE _____

HOOKED ONTO 2 "CASING. ESTABLISHED CIRCULATION WITH 16 BARRELS OF WATER,
nothing AHEAD, THEN BLENDED
147 SACKS OF OWC CEMENT, THEN DROPPED RUBBER PLUG, THEN
 PUMPED 4.8 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)

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

Drill Log
James D. Lorenz .

Daryl Lorenz Trust #2
S3, T31, R18
Labette Co, KS
API#099-24207-0000

0-1 Dirt
1-175 Shale
175-195 Lime
195-270 Shale
270-285 Sand
285-331 Sandy Shale
331-365 Shale
365-380 Lime
380-384 Black Shale
384-452 Shale
452-484 Lime
484-488 Black Shale
488-514 Lime
514-518 Black Shale
518-519 Coal
519-524 Lime
524-570 Shale
570-571 Coal
571-602 Shale
602-603 Coal
603-660 Shale
660-702 Sandy Shale
702-703 Coal
703-716 Shale
716-720 Sandy Shale
720-725 Sand
725-745 Shale
745-747 Coal
747-815 Shale
815-817 Sandy Shale
817-832 Sand
832-834 Lime
834-865 Sandy Shale
865-867 Coal
867-876 Shale
876-877 Coal
877-921 Shale
921-927 Odor Miss Chert
927-1005 Lime
T.D. 1005'

07-05-07 Drilled 11" hole and set
22.5' of 8 5/8" surface casing
Set with 7 sacks Portland cement

07-06-07 Started drilling 5-1/2" hole

07-06-07 Finished drilling to
1005'

GAS TESTS

370' 0
435' 0
465' 0
520' 3" ON 1/2"
611' 2" ON 1/2"
730' 2" ON 1/2"
760' 2" ON 1/2"
821' 2" ON 1/2"
851' 2" ON 1/2"
881' 2" ON 1/2"
941' 2" ON 1/2"
871' 2" ON 1/2"
1005' 2" ON 1/2"

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