

**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     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. \_\_\_\_\_  

<u>9-17-04</u>	<u>9-21-04</u>	<u>10-6-04</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

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API No. 15 - 205-25774-00-00  
 County: Wilson  
SW-NE-SE Sec. 13 Twp. 30 S. R. 15  East  West  
1650' feet from S N (circle one) Line of Section  
1000' feet from E W (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE SE NW SW  
 Lease Name: Bauman South Well #: 1  
 Field Name: Neodesha  
 Producing Formation: \_\_\_\_\_  
 Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_  
 Total Depth: 1187' Plug Back Total Depth: \_\_\_\_\_  
 Amount of Surface Pipe Set and Cemented at 60 Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set \_\_\_\_\_ Feet  
 If Alternate II completion, cement circulated from 60  
 feet depth to surface w/ 30 + 16 sx cmt.

**Drilling Fluid Management Plan**  
 (Data must be collected from the Reserve Pit) *alt II KGR 2/19/08*  
 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: 10-21-04  
 Subscribed and sworn to before me this 21<sup>st</sup> day of October,  
2004  
 Notary Public: *Lisa J. 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

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

Operator Name: James D. Lorenz Lease Name: Bauman South Well #: 1  
 Sec. 13 Twp. 30 S. R. 15  East  West County: Wilson

**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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run:  Electric log	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum   <div style="text-align: center; font-size: 24px; font-weight: bold; transform: rotate(-15deg);">                     RECEIVED                      OCT 27 2004                      KCC WICHITA                 </div>
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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 casing	11"	60' of 8 5/8"	60'	60'-0'	Portland	30+16	46 sx total
production	6 3/4"	4 1/2"	1137'	1137'-0'	OWC	155	2% gel and flowseal

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
	* Waiting on canister results before perforating.		
	Will send amended ACO-1 when this is done.		

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or Enhr.	Producing Method
	<input 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
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Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	_____

L S Well Service.#33374  
543-A 22Q00 Rd.  
Cherryvale, KS 67335  
620-328-4433

DRILL LOG  
JAMES D. LORENZ

Bauman South #1  
S13, T30, R15E  
Wilson Co, KS  
API#15-205-25774-00-00

0-20	DIRT	9-17-04 Drilled 11" hole and set
20-25	RIVER GRAVEL	60' of 8 5/8" surface casing with
25-145	SHALE	30 sacks Portland cement
145-164	LIME	
164-270	SHALE	9-18-04 Topped off w/10 sx. Cement
270-290	LIME	
290-341	SHALE	9-20-04 Topped off w/6 sx. Cement
341-350	LIME	
350-353	SHALE	9-20-04 Started drilling 6 3/4" hole
353-355	BLACK SHALE	
355-372	SHALE	9-21-04 Finished drilling to T.D. 1187'
372-374	BLACK SHALE	
374-392	GRAY SHALE	OIL IN ROCKS @ 344'
392-394	BLACK SHALE	
394-395	GRAY SHALE	987' WATER
395-403	LIME	
403-415	SANDY SHALE	335' 0" IN 1/2" ORIFICE
415-430	SANDY SHALE/LIME	360' SLIGHT BLOW
430-450	LIME	410' SLIGHT BLOW
450-458	SAND	460' SLIGHT BLOW
458-488	SHALE	561' SLIGHT BLOW
488-508	LAMINATED SAND	611' 2" ON 1/2" ORIFICE
508-520	SAND	661' 2" ON 1/2" ORIFICE
520-526	SANDY SHALE	761' 2" ON 1/2" ORIFICE
526-571	SHALE	836' 2" ON 1/2" ORIFICE
571-591	LIME PINK	861' 2" ON 1/2" ORIFICE
591-595	BLACK SHALE	912' 4" ON 1/2" ORIFICE
595-605	SANDY LIME	950' 6" ON 1/2" ORIFICE
605-621	SHALE	962' 7" ON 1/2" ORIFICE
621-626	GRAY SANDY SHALE	1187' 15" ON 1/2" ORIFICE
626-633	GRAY SHALE	
633-658	LIME OSWEGO	
658-661	BLACK SHALE	9/19/04 CANISTER 144 919-922' COAL 11:00 AM
661-673	LIME	9/21/04 CANISTER 125 658-661' 9:30 AM
673-676	BLACK SHALE	9/21/04 CANISTER 97 9:45 AM
676-678	COAL	9/21/04 CANISTER 189 9:40 AM
678-686	LIME	
686-744	SHALE	
744-746	BLACK SHALE	
746-748	COAL	
748-776	SHALE	
776-782	SANDY SHALE	
782-816	SHALE	
816-826	SANDY SHALE	
826-837	SHALE	
837-839	BLACK SHALE	
839-840	COAL	

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API#15-205-25774-00-00

840-861	SHALE
861-877	SANDY SHALE
877-897	GRAY SHALE
897-910	SAND ODOR
910-911	COAL
911-919	GRAY SHALE
919-922	COAL
922-930	GRAY SHALE
930-940	SAND WITH SHALE
940-950	GOOD CLEAN BROWN SAND
950-962	BROWN SAND WITH BLACK OIL-3% SAT
962-977	BROWN OIL SAND OIL ON PIT
977-1060	BROWN SAND WITH 10% BLACK SAND
1060-1075	SHALE
1075-1077	COAL
1077-1082	SHALE
1082-1087	MISSISSIPPI
1087-1097	CHIRT ODOR - OIL IN SAMPLES
1097-1105	LITE ODOR WITH FLINT
1105-1112	FLINT - NO ODOR
1112-1115	BROWN LIME SANDY SHALE
1115-1125	DOLMITE
1125-1152	LIME
1152-1187	LIME - DRILL EASY

T.D. 1187'

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L&S Well Service LLC KCC# 33374  
 543A 22000 ROAD  
 CHERRYVALE, KANSAS 67335-8515  
 620-328-4433 OFFICE

TICKET NUMBER 10042004A  
 LOCATION Wilson Co  
 FOREMAN JL, KB, RL

**CEMENT TREATMENT REPORT**

API# 15-205-25974-00-00

DATE 10-06-04	CUSTOMER#	WELL NAME Bauman South #1	
SECTION 13	TOWNSHIP 30	RANGE 15 E	COUNTY Wilson
CUSTOMER James D. Lorenz			
MAILING ADDRESS 543A 22000 Road			
CITY Cherryvale			
STATE Kansas		ZIP CODE 67335-8515	
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	6 3/4" / 6 3/4"
TOTAL DEPTH	1187
CASING SIZE	4 1/2" / 4 1/2" x 1137'
CASING DEPTH	1137
OPEN HOLE	
PACKER DEPTH	
WIRE LINE	READING BEFORE
WIRE LINE	READING AFTER
TREATMENT VIA	

**TYPE OF TREATMENT**

SURFACE PIPE - 465K (9-17-18, 20)  
 PRODUCTION CASING  
 SQUEEZE CEMENT  
 PLUG AND ABANDON  
 PLUG BACK  
 MISP. PUMP  
 WASH DOWN  
 OTHER

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INSTRUCTIONS PRIOR TO JOB

*District #3 notified @ 0845 by [Signature]*

AUTHORIZATION TO PROCEED TITLE DATE

HOOKED ONTO 4 1/2" CASING. ESTABLISHED CIRCULATION WITH 25 BARRELS OF WATER, RAN AHEAD, THEN BLENDED 155 SACKS OF OWC CEMENT, THEN DROPPED RUBBER PLUG, THEN PUMPED 19 BARRELS OF WATER.

- PLUG ON BOTTOM
- SHUT IN PRESSURE
- LOST CIRCULATION
- GOOD CEMENT RETURNS
- TOPPED OFF WELL WITH 60 SACKS

*[Signature]*  
 (SIGNATURE)