

**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 # 30102  
 Name: C & S Oil  
 Address: P.O. Box 41  
 City/State/Zip: Neosho Falls, Ks 66758  
 Purchaser: Plains Marketing  
 Operator Contact Person: Robert Christenson / Ron German  
 Phone: (620) 365-0919 or (620) 363-2865  
 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>10-05-04</u>	<u>10-06-04</u>	<u>10-07-04</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 207-26862-00-00  
 County: Woodson  
NE  
SW - NE Sec. 33 Twp. 23 S. R. 17  East  West  
3790 feet from (S) N (circle one) Line of Section  
1579 feet from (E) W (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE (SE) NW SW  
 Lease Name: Christenson Well #: 12  
 Field Name: Neosho Falls-Leroy  
 Producing Formation: squirrel  
 Elevation: Ground: 963 Kelly Bushing: NA  
 Total Depth: 927 Plug Back Total Depth: none  
 Amount of Surface Pipe Set and Cemented at 33.5 Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set \_\_\_\_\_ Feet  
 If Alternate II completion, cement circulated from 927  
 feet depth to surface w/ 120 sx cmt.

**Drilling Fluid Management Plan**  
 (Data must be collected from the Reserve Pit) *alt II KGR 2/15/08*  
 Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
 Dewatering method used air drilled  
 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: Robert Christenson  
 Title: OWNER Date: 12/15/04  
 Subscribed and sworn to before me this 15th day of December,  
 2004.  
 Notary Public: Patricia J. Schuster  
 Date Commission Expires: 12/31/05



**KCC Office Use ONLY**

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

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Operator Name: C & S Oil Lease Name: Christenson Well #: 12  
 Sec. 33 Twp. 23 S. R. 17  East  West County: Woodson

**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  Yes  No  
 (Attach Additional Sheets)  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No  
 Electric Log Run  Yes  No  
 (Submit Copy)

Log Formation (Top), Depth and Datum  Sample  
 Name Top Datum

List All E. Logs Run:  
 Gamma Ray - Neutron

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CASING RECORD <input type="checkbox"/> New <input checked="" 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"	7"		33.5'	portland	12	none
casing	5 1/2"	2 1/2"		925'	OWC	120	none

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD				
___ 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	834' to 839' 9 shots	7000 Lbs frac sand used	
2	840' to 850' 21 shots		

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.	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
	1				

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.E.S. Well Service LLC #33374

543A 22000 ROAD  
 CHERRYVALE, KANSAS 67335-8515  
 620-328-4433 OFFICE

TICKET NUMBER \_\_\_\_\_  
 LOCATION Woodson Co, KS  
 FOREMAN J.A. R.L. K.B.

**CEMENT TREATMENT REPORT**

API # 15-207-26862-00-00

DATE <u>10-07-04</u>	CUSTOMER#	WELL NAME <u>Christensen #12</u>	
SECTION <u>33</u>	TOWNSHIP <u>23</u>	RANGE <u>17E</u>	COUNTY <u>Woodson</u>
CUSTOMER <u>C&amp;S Oil</u>			
MAILING ADDRESS <u>P.O. Box 41</u>			
CITY <u>Neosho Falls</u>			
STATE <u>Kansas</u>		ZIP CODE <u>66758</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>5 1/2"</u>
TOTAL DEPTH	<u>927</u>
CASING SIZE	<u>2 1/2"</u>
CASING DEPTH	<u>925</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

*1 leaf shot  
 1 Rubber plug  
 kumpab  
 with*

INSTRUCTIONS PRIOR TO JOB \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

AUTHORIZATION TO PROCEED	TITLE	DATE

HOOKED ONTO 2 1/2" CASING. ESTABLISHED CIRCULATION WITH 20 BARRELS OF WATER, RAN 2 Sx GEL, 1 Sx. COTTONSEED HULLS, 1 Sx. METASILICATE AHEAD, THEN BLENDED 120 SACKS OF OWG CEMENT, THEN DROPPED RUBBER PLUG, THEN PUMPED 5.4 BARRELS OF WATER.

- PLUG ON BOTTOM
- SHUT IN PRESSURE
- LOST CIRCULATION
- GOOD CEMENT RETURNS
- STOPPED OFF WELL WITH 8 SACKS

*J.A. R.L. K.B.*  
 (SIGNATURE)

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2312-50

CONSOLIDATED OIL WELL SERVICES, INC.  
 211 W. 14TH STREET, CHANUTE, KS 66720  
 620-431-9210 OR 800-467-8676

TICKET NUMBER 31341  
 FIELD TICKET REF # 25744  
 LOCATION Thayer  
 FOREMAN Brett Busby

**TREATMENT REPORT  
 FRAC & ACID**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-6-04	2027	Christenson NO 12	33	23	17E	WO

CUSTOMER  
C & S Oil

MAILING ADDRESS  
PO Box 41

CITY Neosho Falls STATE KS ZIP CODE 66758

TRUCK #	DRIVER	TRUCK #	DRIVER
293	Gary		
126	Jeff		
412	George		
Eurokg	Russ		
80VAC			

**WELL DATA**

CASING SIZE	TOTAL DEPTH
CASING WEIGHT	PLUG DEPTH
TUBING SIZE <u>2 7/8 10RD</u>	PACKER DEPTH
TUBING WEIGHT	OPEN HOLE
PERFS & FORMATION	
<u>834-35 9</u>	<u>SQUIRREL</u>
<u>840-50 21</u>	

**TYPE OF TREATMENT**

sand frac

**CHEMICALS**

<u>KCL - breaker</u>	
<u>non-emuls 1gpt</u>	

STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI	
PAD	25	18			2000	BREAKDOWN
20-40		18		500 #	1800	START PRESSURE
12-20		18		3500 #	1200	END PRESSURE
rock salt		18		100 #		BALL OFF PRESS
12-20				1000 #	2000	ROCK SALT PRESS
rock salt				100 #	500	ISIP
12-20				2000 #		5 MIN
FLUSH	5					10 MIN
OVERFLUSH	5					15 MIN
TOTAL	180				12	MIN RATE
					18	MAX RATE
					4.8	DISPLACEMENT

REMARKS: Acidized day ahead

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AUTHORIZATION \_\_\_\_\_ TITLE \_\_\_\_\_ DATE 11-6-04



# CONSOLIDATED

OIL WELL SERVICES  
AN INFINITY COMPANY

211 W. 14TH STREET, CHANUTE, KS 66720  
620-431-9210 OR 800-467-8676

TICKET NUMBER **25744**

LOCATION Thayer

### FIELD TICKET

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
10-6-04	2027	Christenson 12		33	23	17E	WO	Squirrel
CHARGE TO C & S Oil & Robert Chiesenson				OWNER				
MAILING ADDRESS PO Box 41				OPERATOR				
CITY & STATE Neosho Falls KS 66758				CONTRACTOR				

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	UNIT PRICE	TOTAL AMOUNT
5102C	1	PUMP CHARGE 1000 Combo		\$1700.00
5604	1	3" frac valve		55.00
1123	7560 gal.	city H <sub>2</sub> O		86.94
1231	100#	frac gel	4.20	420.00
1215	10 gal.	KCH sub	23.10	231.00
1219	5 gal.	NON-emuls	27.05	135.25
1208	1/4 gall.	breaker	153.30	35.33
1227	200#	rocksalt		44.00

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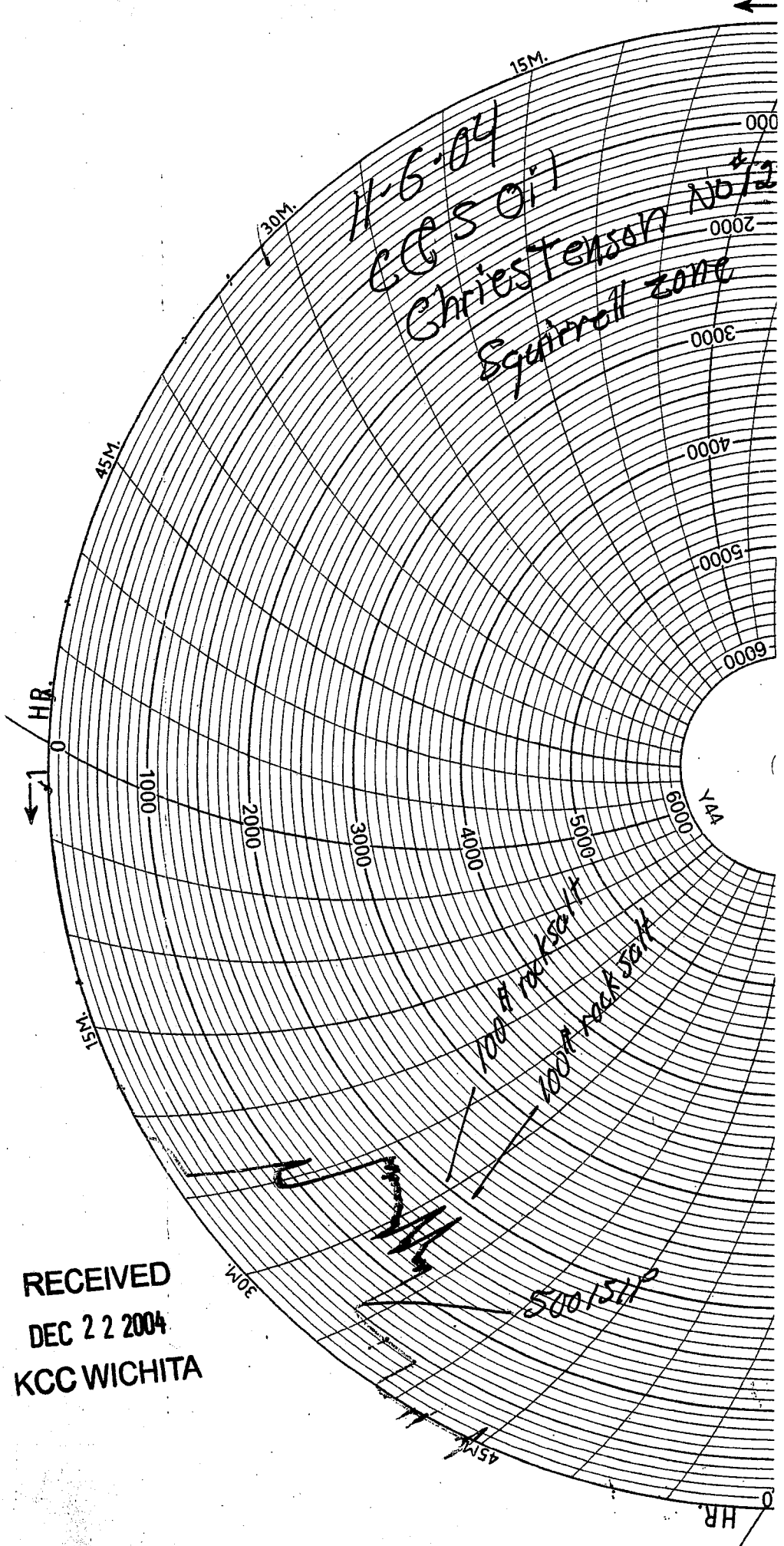
5109	48	BLENDING & HANDLING TON-MILES	MIN	175.00
5108	48	STAND BY TIME MILEAGE Mobilization X1 P		112.80
5501F	3 1/2 hrs	WATER TRANSPORTS X1		794.00
5502F.35	3 hrs	VACUUM TRUCKS X1 Eureka		232.00
2101	5 SKS	FRAC SAND 20-40	13.00	65.00
2102	65 SKS	FRAC SAND 12-20	15.00	975.00
		CEMENT		
			5.3 SALES TAX	4.61

Original estimate 8/19/04 for less materials requested. *[Signature]*  
ESTIMATED TOTAL **4138.93**

CUSTOMER or AGENTS SIGNATURE *[Signature]* CIS FOREMAN *Brett Busby*

CUSTOMER or AGENT (PLEASE PRINT) \_\_\_\_\_ DATE 11-6-04

1938.00



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