

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

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Form ACO-1
June 2009

Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

KCC WICHITA ORIGINAL

OPERATOR: License # 30102
Name: Robert Christenson dba C & S Oil
Address 1: PO box 41
Address 2: _____
City: Neosho Falls State: KS Zip: 66758 + _____
Contact Person: Robert Christenson
Phone: (620) 365-0919
CONTRACTOR: License # 33986
Name: Owens Petroleum Services, LLC
Wellsite Geologist: none
Purchaser: Pacer Energy Marketing

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Core, Expl., 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 Conv. to SWD
 Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____

<u>8/09/2010</u>	<u>8/12/2010</u>	<u>8/13/2010</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 207-27630-00-00

Spot Description: _____

NW SW NE SW Sec. 3 Twp. 24 S. R. 17 East West

1,750 Feet from North / South Line of Section

3,675 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Woodson

Lease Name: Reinhard Krohn Well #: 7

Field Name: Neosho Falls-Leroy

Producing Formation: Mississippi

Elevation: Ground: 951 Kelly Bushing: none

Total Depth: 1241 Plug Back Total Depth: none

Amount of Surface Pipe Set and Cemented at: 41 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: 1227

feet depth to: surface w/ 125 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: hauled off

Location of fluid disposal if hauled offsite:

Operator Name: Robert Christenson dba C & S Oil

Lease Name: Reinhard Krohn License #: 30102

Quarter SW Sec. 3 Twp. 24 S. R. 17 East West

County: Woodson Permit #: D30293

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.

AFFIDAVIT

I am the affiant and I hereby certify that 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: 9-21-10

KCC Office Use ONLY

Letter of Confidentiality Received

Date: _____

Confidential Release Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

Att 2 - Dlg - 10/11/10

Operator Name: Robert Christenson dba C & S Oil Lease Name: Reinhard Krohn Well #: 7
 Sec. 3 Twp. 24 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 complete copy of all Electric Wire-line 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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Gamma Ray/Neutron	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Mississippi</td> <td>1165'</td> <td></td> </tr> </table>	Name	Top	Datum	Mississippi	1165'	
Name	Top	Datum					
Mississippi	1165'						

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	9 7/8"	7" (new)	17#	41'	Portland	20	
production	5 5/8"	2 7/8"	6.5#	1227'	Quick Set	125	

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	1165' 1175' (21 Perfs)	1100 Gal. 15% HCL	
		<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> RECEIVED OCT 14 2010 KCC WICHITA </div>	

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. 9/01/2010	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. 1	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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MC # 165290
 Shop # 620 437-2661
 Cellular # 620 437-7582
 Office # 316 685-5908
 Office Fax # 316-685-5926
 Shop Address: 3613A Y Road
 Madison, KS 66860

Hurricane Services, Inc.
 P.O. Box 782228
 Wichita, KS 67278-2228

Cement, Acid or Tools
 Service Ticket
 3986

DATE 8-13-10

COUNTY Woodson CITY _____

CHARGE TO C&S Oil

ADDRESS _____ CITY _____ ST _____ ZIP _____

LEASE & WELL NO. Krohn # 7 CONTRACTOR Scott Owens

KIND OF JOB LongString SEC. _____ TWP. _____ RNG. _____

DIR. TO LOC. _____ OLD NEW

Quantity	MATERIAL USED	Serv. Charge	
			750.00
125 sks	QuickSet cement		2062.50
200 lbs	Gel > Flush Ahead		50.00
3 1/2 Hrs	water Truck # 88		280.00
4 Hrs	water Truck # 193		320.00
	BULK CHARGE		
7 Tons	BULK TRK. MILES		269.50
3.5	PUMP TRK. MILES		105.00
2	PLUGS 2 7/8" Top Rubber		34.00
		7.32 SALES TAX	156.69
		TOTAL	4027.69

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T.D. 1241'

SIZE HOLE 5 5/8"

MAX. PRESS. _____

PLUG DEPTH _____

PLUG USED _____

CSG. SET AT _____ VOLUME _____

TBG SET AT 1227' VOLUME 7' Bbls.

SIZE PIPE 2 7/8"

PKER DEPTH _____

TIME FINISHED _____

REMARKS: Rig up to 2 7/8" Tubing, Break circulation with 10 Bbls water, 10 Bbl Gel Flush, Circulate Gel around with fresh water to condition hole. Mixed 125 sks Quick Set cement. Shut down washout pump lines - Release plugs - Displace 2 plugs with 7 Bbls water. Final Pumping at 500 RSE Bumped plug to 1100 RSE - close Tubing in w/ 1100 RSE Good cement returns to surface with 5 Bbls slurry

"Thank you"

EQUIPMENT USED

NAME Kelly Kimberlin UNIT NO. 185
Brad Butler
 HSI REP.

NAME Jerry #91, Adam #88, Tim #193
called by Bob
 OWNER'S REP.



CONSOLIDATED
Oil Well Services, LLC

PO Box 884, Chanute, KS 66720
320-431-9210 or 800-467-8676

2nd well

TICKET NUMBER 50878
FIELD TICKET REF # _____
LOCATION Thayer
FOREMAN Gay Winters

**TREATMENT REPORT
FRAC & ACID**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3-27-10	2027	Kroplin #7	3	24	16	W0

CUSTOMER
C4S

MAILING ADDRESS

CITY STATE ZIP CODE

TRUCK #	DRIVER	TRUCK #	DRIVER
524	Carroll		
293	Andy		
424	Eric		
437	Alvin		
78	Rudy		

WELL DATA

CASING SIZE <u>2 1/2</u>	TOTAL DEPTH
CASING WEIGHT	PLUG DEPTH
TUBING SIZE	PACKER DEPTH
TUBING WEIGHT	OPEN HOLE
PERFS & FORMATION	
<u>1167-77 (21)</u>	<u>Miss. Lime</u>

TYPE OF TREATMENT
Acid Spot/ABO

CHEMICALS

<u>1100 15% HCl Acid</u>	<u>City Water</u>
<u>Inhibitor</u>	<u>KCl Sol.</u>
<u>Stimul/Retarder</u>	
<u>Silt Susceptor</u>	

STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI
					BREAKDOWN <u>1400</u>
					START PRESSURE <u>650</u>
					END PRESSURE <u>525</u>
					BALL OFF PRESS <u>3000</u>
					ROCK SALT PRESS
					ISIP <u>400</u>
					5 MIN
					10 MIN
					15 MIN
					MIN RATE
					MAX RATE
					DISPLACEMENT

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REMARKS: spot 100 acid to part - breakdown acid stage
Establish rate 3 bpm - 1000 acid w/ 22 balls -
flush to part - release - flush acid
from casing - shut in

AUTHORIZATION _____ TITLE _____ DATE _____

Terms and Conditions are printed on reverse side.

**OWENS PETROLEUM SERVICES, LLC
DRILLER'S LOG**

Operator: CS O.I. Bob

Lease / Well #: Reinhart - Krahn #7

API #: 15-207-27630-0000

	Date		Date		Date		Date
Spud/Surface	8-9-10	Drilled to TD	8-12-10	Logged		.1" / pump	
Set Surface	8-9-10	Run/Casing	8-13-10	Perforated		Lead Line/Elec	
Spud/Casing	8-10-10	Cemented LS	8-13-10	Frac		Closed Pit	

Purpose	Size Drilled	Size Pipe	Weight #/ft	Setting Depth	Cement	# Sacks	Additives
Surface:	9 1/4	7"		4 1/2	manach	20	
Casing:	5 7/8	2 7/8					
Frac:							

Driller's TD:	<u>1241</u> ft	Logger's TD:		Fluid Volume:		bbbs
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Surface Bit and Subs: 3.70'

Kelly: Top of Groove to Square: 22.60'

Footage Above Ground Level: 1 Total

FOOTAGE: FORMATION: TOTAL:

Bit and Sub	FOOTAGE:	FORMATION:	TOTAL:
Bit and Sub	1.90		
1st Collar	19.90	9 rnd. 29'-33'	
2nd Collar	20.00		
Joints:	1 62.5 41.8	L 53-55	
	2 87.2	S	
	3 107.9	S	
	4 124.6	L 139-156 L 158-	
	5 145.3	" = 164	
	6 166.0	L 172-180	
	7 186.7	L 186-	
	8 207.4	L -	
	9 228.1	- 233 BLK 946 L 234 - 238	
	10 248.8	L 256-259	
	11 269.5	L 285 612/616	
	12 290.2	L 300 - 612/616 308-310	
	13 310.9	L 310 -	
	14 331.6	L -	
	15 352.3	L -	
	16 373.0	L - 388 612/616	
	17 393.7	L 394 - 409-414	
	18 414.4	L - 420	
	19 435.1	L 442	
	20 455.8	S	
	21 476.5	S	
	22 497.2	S	
	23 517.9	S	
	24 538.6	S	

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	FOOTAGE:	FORMATION:	TOTAL:
26	559.3	S	
26	580.0	S	
27	600.7	L 605	
8-11-108	620.4	L - 635 L 638	
28	642.1	L	
28	662.8	L	
27	682.8	Hard L 203 HL 715	
27	704.2	L	
28	724.9	L es	
27	745.6	L es	
28	766.3	Hard L 773 - 778 L 782	
28	787.0	L 789 - 792	
27	807.7	S	
28	828.4	SPNT color 838	
28	849.1	S	
28	869.8	L 873 - 876 L 885 - 887 color 888 - 890	
27	890.5	S	
27	911.2	S	
28	931.9	S	
27	952.6	S	
27	973.3	S	
28	994.0	S	
27	1014.7	S	
28	1035.4	S	
28	1056.1	S	
28	1076.8	S	
27	1097.5	S	
27	1118.2		
28	1138.9		
27 X X	1159.6	B.H. TRIP 1163 line streak 1166 line streak 1170 - 1175 good color show	1175-1178 - color 1194
28	1180.3		
28	1201.0		
27	1221.7		SIN: 1165
58	1242.4		RSD 1241
59	1263.1		D.P.T.D. 1227
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