



1213613

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No  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 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

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				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

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

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 <i>(Explain)</i> _____
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	<b>PRODUCTION INTERVAL:</b> _____ _____
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Mud Rotary Drilling  
Andrew King - Manager/Driller

Bar Drilling, LLC  
Phone: (719) 210-8806

1317 105th Rd.  
Yates Center, KS 66783

Company/Operator C&S Oil		Well No. 26	Lease Name Yoho		Well Location 3470s, 3905e		1/4 SW	1/4 NW	1/4 SE	Sec. 26	Twp. 23	Rge, 16E
1607 Main St Neosho Falls, KS 66758		Well API # 15-207-28881	Type/Well Oil	County Woodson		State KS	Total Depth 1380	Date Started 4/17/2014	Date Completed 4/21/2014			
Job/Project Name/No.			Surface Record			Coring Record						
Driller/Crew Andy King	Bit Size: 11 1/4	From 929	To 931	Formation mulky shale	From 0'	To 40'	Core #	Size	From	To	% Rec.	
	Casing Size: 8 5/8	From 931	To 937	Formation oil sand	From 44'	To 1380'						
	Casing Length: 44'	From 937	To 940	Formation broken oil sand								
	Cement Used: 10sx	From 940	To 970	Formation mostly shale								
	Cement Type: Portland	From 970	To 973	Formation lime								
		From 973	To 980	Formation badly broken sand								
		From 980	To 1294	Formation shale								
		From 1294	To 1309	Formation Riverton								
		From 1309	To 1325	Formation Miss. Lime								
		From 1325	To 1330	Formation good oil odor (Brown Lime)								
		From 1330	To 1336	Formation good oil								
		From 1336	To 1345	Formation lime								
		From 1345	To 1360	Formation good bleed (light colored sand)								
		From 1360	To 1380	Formation lime								

From	To	Formation	From	To	Formation	From	To	Formation
0	4	soil	929	931	mulky shale			
4	41	clay sand	931	937	oil sand			
41	108	shale	937	940	broken oil sand			
108	181	lime	940	970	mostly shale			
181	225	shale	970	973	lime			
225	400	lime	973	980	badly broken sand			
400	420	shale	980	1294	shale			
420	429	lime	1294	1309	Riverton			
429	455	shale	1309	1325	Miss. Lime			
455	575	lime	1325	1330	good oil odor (Brown Lime)			
575	761	shale	1330	1336	good oil			
761	764	lime	1336	1345	lime			
764	790	sandy shale	1345	1360	good bleed (light colored sand)			
790	794	lime	1360	1380	lime			
794	814	sandy shale						
814	839	lime						
839	846	shale						
846	858	lime						
858	863	shale						
863	872	lime						
872	890	shale						
890	921	lime						
921	926	shale						
926	929	lime						



Hurricane Services, Inc.  
 3613 A Y Road  
 Madison, KS 66860  
 Office # 620-437-2661  
 Brad Cell # 620-437-6765



Ticket Number 100387  
 Location Madison  
 Foreman Brad Butler

**Cement Service ticket**

Date	Customer #	Well Name & Number	Sec./Township/Range	County
4-21-14		Yoho #26	26-23-16E	Woodson
Customer		Mailing Address	City	State Zip
C.S Oil				

Job Type:	Longstring	Truck #	Driver
Hole Size: 6 3/4"	Casing Size: 4 1/2"	201	Jerry
Hole Depth: 1380'	Casing Weight: 9.5/lb	203	Bryan
Bridge Plug:	Tubing:	106	Danny
Packer:	PBTD: 1370'	144-151	Rick

Quantity Or Units	Description of Services or Product	Pump charge	
30	Mileage	\$3.25/Mile	790.00 97.50
153 sacks	Thick Set cement	18.60	2845.80
765 lbs	KO1-SEAL 5# PWSK	.65	497.25
300 lbs	Gel - Flush Ahead	.30	90.00
3 Hrs.	Water Truck #106	84.00	252.00
4 Hrs.	Water Transport #144	105.00	420.00
30 miles	Truck #11	1.50	45.00
9.5 Tons	Bulk Truck	1.30 e	370.50
1	Plugs 4 1/2" Top Rubber Plug	38.00	38.00
		Subtotal	5446.05
		Sales Tax 7.15%	248.18
		Estimated Total	5694.23

Remarks: Rig up to 4 1/2" casing, Break circulation with 5 Bbl fresh water, Pumped 15 Bbl. Gel Flush followed with fresh water - circulated Gel around to condition hole, Pumped 12 Bbl. fresh water ahead. Mixed 153 sacks Thick Set cement w/ 5# PWSK of KO1-SEAL at 13.4 lbs PWSK shut down washed out Pump 4 times, Release Top Rubber Plug - Displaced Plug with 22 Bbls WATER Final Pumping at 700 PSI, Bumped Plug to 1100 PSI, Release Pressure - Float Held Close casing w/ 0 PSI Good cement returns with 8 Bbl slurry "Thank you"

Witnessed by Bob  
 Customer Signature