

**CONFIDENTIAL**

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 5056  
Name: F.G. Holl Company, L.L.C.  
Address: 9431 E. Central, Suite #100  
City/State/Zip: Wichita, Kansas 67206  
Purchaser: NCRA  
Operator Contact Person: Franklin R. Greenbaum  
Phone: (316) 684-8481  
Contractor: Name: Duke Drilling Company, Inc.  
License: 5929

API No. 15 - 009-24,969-0000  
County: Barton, Kansas. 190' W. & 90' N. of  
C NW NW SE Sec. 12 Twp. 20 S. R. 14  East  West  
2400 feet from S N (circle one) Line of Section  
2500 feet from E W (circle one) Line of Section

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Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: RITA STOLZ Well #: 1-12  
Field Name: Wildcat

Producing Formation: Lansing Kansas City  
Elevation: Ground: 1872' Kelly Bushing: 1880'  
Total Depth: 3650' Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 775 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

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Drilling Fluid Management Plan ART INH 7-25-08  
(Data must be collected from the Reserve Pit)

Chloride content 34,000 ppm Fluid volume 500 bbls  
Dewatering method used Hauled free fluids to SWD  
Location of fluid disposal if hauled offsite:  
Operator Name: John J. Darrah  
Lease Name: ANSHUTZ SWD License No.: 5088  
Quarter NE Sec. 15 Twp. 21 S. R. 14  East  West  
County: Stafford Docket No.: d-17,893

Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  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. \_\_\_\_\_

7/25/2006 8/4/2006 8/23/2006  
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

**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: Franklin R. Greenbaum  
Title: Exploration Manager Date: 9/28/2006

Subscribed and sworn to before me this 28th day of September, 2006  
20 \_\_\_\_\_

Notary Public: Betty H. Spotswood  
Date Commission Expires: 04/30/2006

**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
**RECEIVED**  
KANSAS CORPORATION COMMISSION  
SEP 29 2006

Operator Name: F.G. Holl Company, L.L.C. Lease Name: RITA STOLZ Well #: 1-12  
 Sec. 12 Twp. 20 S. R. 14  East  West County: Barton, Kansas. 190' W. & 90' N. of

**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)  
 List All E. Logs Run:

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

DIL/BHCS/ML  
 CDL/CNL

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CASING RECORD <input checked="" 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	12-1/4"	8-5/8"	23#	775'	A-Con	200sx	3%cc, 2% gel
					Common	175sx	3%cc, 2% gel
Production	7-7/8"	4-1/2"	10.5#	3649'	60/40 Poz	50sx	

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 SPF	3355' - 3360' Lansing Kansas City "H"	Spotted 500 gal 10% acetic acid	
4 SPF	3293' - 3297' Lansing Kansas City "F"	Treat "H" zone w/ 500 gal 15% ne acid	
		Treat "F" zone w/ 1250 gal 15% ne acid	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-3/8"	3612'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

  

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
8/26/2006	<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
	71				

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 3293' - 3360' LKC

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RITA STOLZ NO. 1-12  
BARTON COUNTY, KANSAS

Sample Tops	Sample Top	Datum	E-Log Tops	Datum
Herrington			1716	+163
Winfield			1768	+111
Towanda			1836	+43
Ft. Riley			1866	+13
Florence			1927	-48
B/Florence			1973	-94
Wrefold			1998	-119
Council Grove			2045	-166
Neva			2220	-341
Red Eagle			2277	-398
Americus			2381	-502
Onaga Shale			2361	-482
Wabausee			2462	-583
Root Shale			2513	-634
Stotler			2582	-703
Willard Shale			2606	-727
Tarkio/Elmont			2642	-763
Howard			2779	-900
Topeka			2853	-974
Heebner			3116	-1237
Toronto			3130	-1251
Douglas Shale			3147	-1268
Brown Lime			3218	-1339
Lansing			3228	-1349
LKC "H"			3347	-1468
BKC			3453	-1574
Conglomerate			3464	-1585
Cherty Conglomerate			3498	-1619
Arbuckle			3516	-1637
RTD			3650	-1771
LTD				

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Customer: F. G. HOLL Lease No.: \_\_\_\_\_ Date: 7-26-06  
 Lease: BETA STOLL Well #: 1-12  
 Field Order #: 13816 Station: PLANK, KS Casing: 8 7/8 Depth: 775 County: BARSON State: KS  
 Type Job: SURFACE - NW Formation: \_\_\_\_\_ Legal Description: 12-20-14

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
<u>8 7/8</u>							
Depth	Depth	From	To	Pre Pad	Max		5 Min.
<u>775</u>							
Volume	Volume	From	To	Pad	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative: STEVE Station Manager: SCOTT Treater: CHRISTY

Service Units	Driver Names
<u>170 28 47 501</u>	<u>MC CORMY BOLES</u>

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<u>0530</u>					<u>ON LOCATION</u>
					<u>RUN 775' 8 7/8 CSG 19HS</u>
					<u>TRC BOTTOM - CORE</u>
					<u>MTD CEMENT</u>
<u>0800</u>	<u>200</u>		<u>91</u>	<u>5</u>	<u>200 SL ACON 3% CC, 1/4" CF</u>
	<u>200</u>		<u>42</u>	<u>5</u>	<u>175 SL GUMMANN 2% CC, 3% CC 1/4" CF</u>
					<u>STOP - REMOVE PLUG</u>
	<u>0</u>		<u>0</u>	<u>6</u>	<u>START DESP.</u>
<u>0830</u>	<u>400</u>		<u>48</u>	<u>2</u>	<u>PLUG DOWN</u>
					<u>CORE 40 SL CEMENT TO BIT</u>
<u>0900</u>					<u>TDB COMPLETE</u>
					<u>THANKS - HOLL</u>

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# Mud-Co / Service Mud Inc.

Operator **FG Holl** County **Barton** State **Kansas** Pump **6** X **14** X **60** SPM Casing Program **8 5/8" @ 775** ft.  
 Well **Rita Stolz #1-12** Location \_\_\_\_\_ GPM **7.75** BPM \_\_\_\_\_ " @ \_\_\_\_\_ ft.  
 Contractor **Duke #8** Sec **12** TWP **20S** RNG **14W** D.P. **4.5** in. \_\_\_\_\_ " @ \_\_\_\_\_ ft.  
 Stockpoint **Pratt, Ks.** Date **7/25/2006** Engineer **Rick Hughes** Collar **6.25** in. **495** ft. **71.9** FT/MIN R.A.  
 Total Depth **3650** ft.

DATE	DEPTH feet	WEIGHT lb/gal	VISCOSITY			GELS 10 sec / 10 min.	pH Strip Meter	FILTRATION/IRTRATION ANALYSIS					SAND %	RETORT			L.C.M.	Pump Press. PSI	CUMULATIVE COST	REMARKS AND TREATMENT
			Sec API @_F	PV @_F	Yp			ml API	Cake 32nds	Pres. #/BBL	Cl ppm	Ca ppm		Solids %	Oil %	Water %				
7/25																				
7/26	775																			
7/27	1739	8.5	49	12	20	14/25	12.5	4.0	Tr		100	140								
7/28	2121	8.7	58	11	35	29/47	12.0	6.4	1		4,000	Tr	1.2		98.8					
7/29	2662	8.7	42	12	8	10/38	11.5	8.8	1		9,000	nc	2.4		97.6					
7/30	3256	9.2	55	17	14	13/50	11.0	8.0	1		3,300	20	2.3		97.7					
7/31	3302	9.3	54	15	13	27/64	11.0	9.2	1		4,500	20	6.2		93.8					
8/1	3368	9.1	53	17	11	13/62	11.0	8.4	1		5,300	30	6.8		93.2					
8/2	3420	9.3	62	15	17	20/90	11.5	8.8	1		5,600	40	5.4		94.6					
8/3	3524	9.0	53	15	12	13/54	11.0	8.0	1		6,000	40	6.8		93.2					
8/4	3650	9.0	68	19	17	21/58	11.5	8.0	1		6,500	20	4.7		95.3	1				
															95.3	1				

RURT, Sprayed reserve pit with premixed gel  
 WOC Displace w/Starch at 1692  
 Drlg DST #1 @ 1760  
 Drlg Displace w/chemical @2443  
 Drlg DST #2 @ 3285  
 Drlg  
 TO w/DST #3      DST #4 @ 3311  
 CFS                      DST #5 @ 3368  
 DST #6  
 CCH after DST 7      DST #8 @ 3540  
 Final: 8 DST's.      LTD 3654  
 Ran pipe  
 Reserve Pit, Chl content ppm:      34,000  
 Estimated Volume:                      500 bbls

**MUD-CO / SERVICE MUD INC.**  
 100 S. Main Suite #310  
 Wichita, Ks. 67202  
 316/264-2814. Fax: 316/264-5024

**DRILLING MUD RECAP**

Materials	Sacks	Amount	Materials	Sacks	Amount	Amount
C/S HULLS	44		SUPER LIG	13	274.30	
CAUSTIC SODA	31		X-CIDE 102W	1	291.49	
DESCO	3					
DRILL PAK	8					
LIME	6					
MIL-GUARD	3					
PREMIUM GEL	499					
SALT CLAY	46					
SODA ASH 50#	31					
STARCH	84					
						Total Mud Cost
						Trucking Cost
						Trucking Surcharge
						Taxes
						<b>TOTAL COST</b>

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**TREATMENT REPORT**

Owner F. L. Hall Lease No. \_\_\_\_\_ Date 8-4-06  
 Lease Rita Stolz Well # 1-12  
 Field Order # 13718 Station Pratt Casing 4 1/2 10.5 # Depth 3655.16 County Barton State KS  
 Type Job L.S. 4 1/2 New Well Formation \_\_\_\_\_ Legal Description 2-203-14 W

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<u>4 1/2 10.5</u>			<u>AA2 150</u>	<u>50SKS</u>				5 Min.
Depth	Depth	From	To	Pre Pad	Max			
<u>3655.16</u>			<u>60/40</u>	<u>50SKS</u>				10 Min.
Volume	Volume	From	To	Pad	Min			15 Min.
<u>58.11</u>								
Max Press	Max Press	From	To	Frac	Avg			
Well Connection	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume			Total Load
<u>3614.45</u>				<u>57.47 H2O</u>				

Customer Representative Rob Long Station Manager Dave Scott Treater Steve Orlando  
 Service Units 118 226  
 Driver Names Steve Kevin

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<u>2:30</u>					<u>On location trucked Location 6:00</u>
					<u>Safety meeting Run CSS Basket on Jt 5</u>
					<u>Centralizers 3, 5, 6, 7, 8, 9, 10, 11, 12, 13</u>
<u>6:45</u>					<u>Hook up to CSS / Break Circulation</u>
					<u>with Rig Start casing Swivel</u>
<u>8:45</u>	<u>200</u>			<u>5</u>	<u>Run 5 bbl H2O</u>
<u>8:46</u>	<u>250</u>		<u>5</u>	<u>5</u>	<u>Run 12 bbl Super Flush</u>
<u>8:48</u>	<u>300</u>		<u>12</u>	<u>5</u>	<u>Run 5 bbl Spacer</u>
<u>8:49</u>	<u>150</u>		<u>5</u>	<u>5</u>	<u>Mix Lead Cement <sup>12#</sup> 60/40 w/ 2% gel</u>
<u>8:51</u>	<u>100</u>		<u>9</u>	<u>5</u>	<u>Mix Tail cement 14.99# AA2 w/ 5% Calset</u>
<u>8:57</u>			<u>39</u>		<u>.390 G.R. .25% Defoamer, 1% FLA-32</u>
					<u>10% salt, .25% / sk Cellflake 10# / k bilson</u>
					<u>Release plug / clear pump + Lines</u>
	<u>100</u>			<u>5</u>	<u>Start Displacement</u>
<u>9:15</u>	<u>450</u>		<u>42</u>	<u>4</u>	<u>Lift pressure slow Rate</u>
<u>9:20</u>	<u>1500</u>		<u>58</u>		<u>Plug Down</u>
					<u>plug bathole, move H2O</u>
					<u>Circulation thru Job</u>
					<u>Job Complete</u>
					<u>Thanks, Steve</u>

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