

**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 # 5056  
Name: F.G. Holl Company, L.L.C.  
Address: 9431 East Central, Suite #100  
City/State/Zip: Wichita, Kansas 67206-2543  
Purchaser: NCRA  
Operator Contact Person: Franklin R. Greenbaum  
Phone: (316) 684-8481  
Contractor: Name: Duke Drilling Company, Inc., Rig #8  
License: 5929  
Wellsite Geologist: Bill Ree

Designate Type of Completion:  
 New Well  Re-Entry  
 Oil  SWD  SLOW  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic Protection)

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>12/09/2005</u>	<u>12/19/2005</u>	<u>01/03/2006</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 009-24,889-0000  
County: Barton . 70' N. & 20' W. of  
C S2 SE SW Sec. 33 Twp. 20 S. R. 14  East  West  
20' E 400 feet from (S) N (circle one) Line of Section  
70' N 2000 feet from (W) E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: KIRKMAN "A" Well #: 1-33  
Field Name: Bart-Staff  
Producing Formation: Arbuckle  
Elevation: Ground: 1912' Kelly Bushing: 1920'  
Total Depth: 3650' Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 815' 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.

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content 41,000 ppm Fluid volume 500 bbls  
Dewatering method used Hauled free fluids to disposal

Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: John J. Darrah Oil  
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

**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.

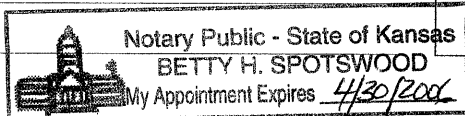
Signature: Franklin R. Greenbaum

Title: Exploration Manager Date: 01/23/2006

Subscribed and sworn to before me this 23rd day of January, 2006

19 Betty H. Spotswood  
Notary Public: Betty H. Spotswood

Date Commission Expires: \_\_\_\_\_



**KCC Office Use ONLY**

NO Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
Yes Wireline Log Received  
Yes Geologist Report Received  
\_\_\_\_ UIC Distribution

Operator Name: F.G. Holl Company, L.L.C. Lease Name: KIRKMAN "A" Well #: 1-33  
 Sec. 33 Twp. 20 S. R. 14  East  West County: Barton

**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:

DIL/MEL/BHCS  
 CNL/CDL

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

See attachment

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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"	24#	815'		210	
Production	7-7/8"	5-1/2"	15.5#	3649'		100	

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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	3546'-3551' Arbuckle	Treat w/ 250 gal 10% Mud acid	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-7/8"	3594'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Enhr. 1-6-06 KCC WPP PBR SPER Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	20				

Disposition of Gas  Vented  Sold  Used on Lease (If vented, Sumit ACO-18.) METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled 3540'-3551' Arbuckle Production Interval

Other (Specify)

# Mud-Co / Service Mud Inc.

Operator **FG Holl** County **Barton** State **Kansas** Pump **6** X **14** X **60** SPM Casing Program **8 5/8** " @ **815** ft.  
 Well **Kirkman A #1-33** Location \_\_\_\_\_ GPM **7.8** BPM \_\_\_\_\_ " @ \_\_\_\_\_ ft.  
 Contractor **Duke #8** Sec **33** TWP **20S** RNG **14W** D.P. **4.5** in. **191** FT/MIN R.A. \_\_\_\_\_ " @ \_\_\_\_\_ ft.  
 Stockpoint **Pratt, Ks.** Date **12/9/2005** Engineer **Rick Hughes** Collar **6.25** in. **495** ft. **348** FT/MIN R.A. Total Depth **3650** ft.

DATE	DEPTH	WEIGHT	VISCOSITY			GELS	pH	FILTRATION/FILTRATION ANALYSIS					SAND	RETORT			L.C.M.	Pump Press. PSI	CUMULATIVE COST	REMARKS AND TREATMENT	
			Sec API @_F	PV @_F	Sp			10 sec / 10 min	Strip Meter	ml API	Cake 32nds	Pres. #/BBL		Cl ppm	Ca ppm	%					Solids %
12/6																				RURT	
12/10	815											150	140							Run 8 5/8	
12/11	1683	8.8	57	15	21	17/33	7.0	5.6	1		5,000	nc		3.3		96.7				Drig Displace w/Starch at 1663	
12/12	1835	8.8	46	8	23	19/28	7.0	10.0	1		15m	Hvy		2.7		97.3				TOH f/DST #2 DST #1 @ 1805	
12/13	2259	9.2	41	7	15	10/21	7.0	12.2	2		23m	Hvy		4.7		95.3				Pump repair	
12/14	2748	8.8	46	13	10	9/38	11.5	8.0	1		2,500	40		3.5		96.5	Tr			Drig DST #3 @ 2818	
12/15	2993	8.7	46	16	11	10/44	10.5	8.4	1		5,500	40		3.5		96.5	Tr			Drig	
12/16	3315	9.4	53	16	15	16/43	10.5	7.2	1		4,500	40		7.6		92.4				TIH w/Bit DST #4 @ 3315	
12/17	3386	9.1	43	12	8	9/28	10.5	8.0	1		5,800	40		5.3		94.7				Drig DST #5 @ 3380	
12/18	3551	9.1	41	9	6	8/16	10.5	8.8	1		5,000	20		5.4		94.6				TIH w/Bit DST #6 @ 3551	
12/19	3578	8.9	43	10	7	10/24	10.0	9.6	1		6,300	40		3.9		96.1	Tr			Drig DST #7 @ 3561	
12/20	3650																				Final: Log Ok. Ran casing.
																					Reserve Pit: 41,000 chl
																					Estimated Volume: 500 bbls

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**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	48	504.00	X-CIDE 102W	1	291.49	
CAUSTIC SODA	21					
DESCO	2					
DRILL PAK	7					
LIME	2					
PREMIUM GEL	487					
SALT CLAY	220					
SODA ASH 50#	22					
STARCH	69					
SUPER LIG	19					
						Total Mud Cost
						Trucking Cost
						Trucking Surcharge
						Taxes
						<b>TOTAL COST</b>



# TREATMENT REPORT

Customer <b>F.G. Holl</b>		Lease No.		Date	
Lease <b>Kirkman</b>		Well # <b>1-33</b>		<b>12-20-05</b>	
Field Order # <b>11327</b>	Station <b>Pratt</b>	Casing <b>5 1/2</b>	Depth <b>3649</b>	County <b>Barton</b>	State <b>Ks.</b>
Type Job <b>5 1/2 Two Stage L.S. N.W.</b>			Formation	Legal Description <b>33-14s-20w</b>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <b>5 1/2</b>	Tubing Size	Shots/Ft	<b>1st Stage</b>	Acid <b>100% HCl</b>	RATE	PRESS	ISIP	
Depth <b>3649</b>	Depth	From	To	Pre Pad <b>1.46 ft<sup>3</sup></b>	Max		5 Min.	
Volume <b>87</b>	Volume	From	To	Pad	Min		10 Min.	
Max Press <b>1500</b>	Max Press	From	To	Frac <b>100% HCl</b>	Avg		15 Min.	
Well Connection <b>P.C.</b>	Annulus Vol.	From	To	<b>1.46 ft<sup>3</sup></b>	HHP Used		Annulus Pressure	
Plug Depth <b>2330.5</b>	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative <b>Rob Long</b>			Station Manager <b>Dave Scott</b>			Treater <b>Bobby Drake</b>		
Service Units	<b>123</b>	<b>228</b>	<b>303</b>	<b>570</b>				
Driver Names	<b>B. Drake</b>	<b>R. Sullivan</b>	<b>C. Andrews</b>					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
5:00					On location - Safety Meeting
6:45					Run Csg. - Int. 23, 46, 50, 51, 52, 453 Bskt. 5+43 D.U. Tool 42
8:31					Csg. on Bottom
8:50					Hookup to Csg. - Break Circ. w/ Rig
11:00	50		5	5.0	H2O Ahead
11:01	100		12	5.0	Super Flush
11:04	100		5	5.0	H2O Spacer
11:05	100		28	5.0	Mix Cement @ 15.0#/gal
11:12					Release Plug - Clear Pump & Lines
11:13	50			5.0	Start Disp. (H2O)
11:23	100		50	5.0	Mud Disp.
11:28	200		72	5.0	Lift Pressure
11:31	1500		87		Plug Down
11:34	<del>1500</del>				Drop Bomb
11:44	500				Open Tool
11:50					Circulate

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# TREATMENT REPORT

Customer <b>F. G. Holl</b>	Lease No.	Date
Lease <b>Kirkman</b>	Well # <b>1-33</b>	<b>12-20-05</b>
Field Order # <b>11327</b>	Station <b>Pratt</b>	Casing <b>5 1/2</b>
		Depth <b>3649</b>
Type Job <b>5 1/2 stage L.S.N.W.</b>	Formation	County <b>Barton</b>
		State <b>Ks.</b>
		Legal Description <b>33-145-20W</b>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<b>5 1/2</b>			<b>2nd stage</b>	<b>150sks. AA2</b>				Max
Depth <b>2100</b>	Depth	From	To	Pre Pad <b>1.46 ft<sup>3</sup></b>				5 Min.
Volume <b>50.5</b>	Volume	From	To	Pad				10 Min.
Max Press <b>1500</b>	Max Press	From	To	Frac				15 Min.
Well Connection <b>P.C.</b>	Annulus Vol.	From	To					HHP Used
Plug Depth <b>2100</b>	Packer Depth	From	To	Flush				Annulus Pressure
								Gas Volume
								Total Load

Customer Representative <b>Rob Long</b>	Station Manager <b>Dave Scott</b>	Treater <b>Bobby Drake</b>
Service Units <b>123</b>	<b>228</b>	<b>303</b>
Driver Names <b>B. Drake</b>	<b>R. Sullivan</b>	<b>C. Andrews</b>

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
2:00	50		5	4.0	H2O Ahead
2:02	50		12	4.0	Super Flush
2:05	50		5	4.0	H2O Spacer
2:08	200		43	5.0	Mix Cement @ 15.0 #/gal
2:17					Release Plug - Clear Pump & Lines
2:18	100			5.0	Start Disp.
2:23	200		27	5.0	LIFT Pressure
2:28	1500		49		Plug Down
2:35			7		Plug Rat + Mouse Hole
					Circulation Then Job
					Job Complete
					Thanks, Bobby

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