

11/13/09

Form ACO-1  
September 1999  
Form Must Be Typed

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM

ORIGINAL

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  
Purchaser: NCRA  
Operator Contact Person: Franklin R. Greenbaum  
Phone: (316) 684-8481  
Contractor: Name: Duke Drilling Company, Inc.  
License: 5929  
Wellsite Geologist: Renee Husted

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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. \_\_\_\_\_

07-26-2007	08-04-2007	8-16-2007
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 009-25,079-0000  
County: Barton. 91' S. & 207' W.  
     -      C - N/2 Sec. 1 Twp. 20 S. R. 14  East  West  
1411 feet from S /  (circle one) Line of Section  
2433 feet from E /  (circle one) Line of Section

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

Producing Formation: Lansing-Kansas City  
Elevation: Ground: 1869' Kelly Bushing: 1877'  
Total Depth: 3650' Plug Back Total Depth: 3633'  
Amount of Surface Pipe Set and Cemented at 795 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 AHINS 31809  
(Data must be collected from the Reserve Pit)  
Chloride content 8000 ppm Fluid volume 750 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

**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: 09/19/2007

Subscribed and sworn to before me this 19th day of September, 2007

The State of Kansas; Sedgwick County

Notary Public: Betty H. Spotswood

Date Commission Expires: 04/30/2010  
Notary Public - State of Kansas  
**BETTY H. SPOTSWOOD**  
My Appointment Expires 4/30/2010

KCC Office Use ONLY

<input checked="" type="checkbox"/>	Letter of Confidentiality Received
<input checked="" type="checkbox"/>	Wireline Log Received
<input type="checkbox"/>	Geologist Report Received
<input type="checkbox"/>	UIC Distribution

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WICHITA, KS

Operator Name: F.G. Holl Company, L.L.C. Lease Name: BRINING "C" Well #: 1-1  
 Sec. 1 Twp. 20 S. R. 14  East  West County: Barton, 91' S. & 207' W.

**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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run:  DIL/ML CNL/CDL BHCS/CPI/Sector Bond Log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> 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#	795'	A-Con	210sx	
					Common	125sx	
Production	7-7/8"	5-1/2"	14#	3649'	AA-2	125sx	
					60/40 Poz	25sx	

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
	3400' - 3406'	Acidize w/ 500 gal 10% Mira acid	
		Acidize w/ 500 gal 28% & 1500 gal 15% nefe acid	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-3/8"	3612'	None	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.			Producing Method		
08/16/2007			<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

Disposition of Gas      METHOD OF COMPLETION      Production Interval

Vented    Sold    Used on Lease     
  Open Hole    Perf.    Dually Comp.    Commingled   3400' - 3406' LKC  
*(If vented, Submit ACO-18.)*       Other (Specify) \_\_\_\_\_

BRINING "C" No. 1-1  
BARTON COUNTY, KANSAS

Formation	Sample	Datum	E-Log	Datum
Anhydrite				
Herrington	1713	+164	1712	+165
Winfield	1772	+105	1752	+125
Towanda	1830	+47	1820	+57
Fort Riley	1868	+9	1852	+25
Florence			1918	-41
B/Florence	1972	-95	1963	-86
Council Grove	2038	-161	2034	-157
Neva	2210	-333	2211	-334
Red Eagle	2271	-394	2275	-398
Americus	2378	-501	2374	-497
Wabaunsee				
Root Shale	2506	-629	2504	-627
Stotler	2571	-694	2571	-694
Willard Sh.			2595	-718
Tarkio	2631	-754	2632	-755
Howard	2768	-891	2768	-891
Severy	2826	-949		
Topeka	2841	-964	2843	-966
Heebner	3105	-1228	3105	-1228
Toronto			3119	-1242
Douglas Sh.			3137	-1260
Brown Lime	3205	-1328	3204	-1327
LKC	3212	-1335	3214	-1337
LKC "H"			3346	-1469
BKC			3458	-1581
Conglomerate			3468	-1591
Arbuckle			3485	-1608
RTD			3650	-1773

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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** " @ **795** ft.  
 Well **Brining C #1-1** Location \_\_\_\_\_ GPM **7.75** BPM \_\_\_\_\_ " @ \_\_\_\_\_ ft.  
 Contractor **Duke #8** Sec **1** TWP **20S** RNG **14W** D.P. **4.5** in. **61.5** FT/MIN R.A. \_\_\_\_\_ " @ \_\_\_\_\_ ft.  
 Stockpoint **Pratt, Ks.** Date **7/26/2007** Engineer **Rick Hughes** Collar **6.25** in. **495** ft. **71.9** FT/MIN R.A. \_\_\_\_\_ " @ \_\_\_\_\_ ft.  
 Total Depth **3650** ft.

DATE	DEPTH feet	WEIGHT lb/gal	VISCOSITY			GELS 10 sec / 10 min.	pH	FILTRATION 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 %				
7/26	328	9.8	42																	Drlg. Sand 255' to 316
7/28	1837	8.8	42	7	18	22/30	7.5	8.8	1		7,000	N/C								CFS Displace w/starch 1650
7/29	2187	8.9	36	5	17	20/26	7.0	16.4	2		17m	Hvy								Drlg. DST #1 @ 1837
7/30	2783	8.7	48	14	9	14/46	11.5	7.6	1		3,100	40								Displace w/chemical 2501
7/31	3264	9.1	54	14	10	10/39	11.0	7.6	1		4,400	20								Drlg. Displace w/chemical 2501
8/1	3364	9.1	54	13	17	21/55	11.0	9.2	1		5,300	40								Short trip DST #2 @ 3264
8/2	3377	9.2	64	14	31	28/47	11.5	8.8	1		5,300	40								CFS DST #3 @ 3292
8/3	3402	9.0	48	12	13	47/64	12.0	9.6	1		7,100	40								Tiw/DST #5 DST #4 @ 3364
8/4	3504	9.1	42	10	10	8/17	12.0	8.0	1		4,300	80								CCH DST #5 @ 3377
8/5	3650																			DST #8 DST #6 @ 3402
																				DST #7 @ 3445
																				LTD 3651
																				Ran Pipe

Reserve Pit, Chl content ppm: 8000  
 Estimated Volume: 750 bbls

**MUD-CO / SERVICE MUD INC.**

100 S. Main Suite #310  
 Wichita, Ks. 67202  
 316/264-2814 Fax: 316/264-5024

**DRILLING MUD RECAP**

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Materials	Sacks	Amount
C/S HULLS	37	
CAUSTIC SODA	21	
DESCO	2	
DRILL PAK	11	
LIME	6	
MIL-GUARD	5	
PREMIUM GEL	450	
SALT CLAY	58	
SAPP 50#	2	
SODA ASH 50#	28	

Materials	Sacks	Amount
STARCH	106	4664.00
SUPER LIG	16	337.60
X-CIDE 102W	1	291.49

Total Mud Cost	
Trucking Cost	
Trucking Surcharge	
Taxes	
<b>TOTAL COST</b>	

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Customer F.G. Hall Lease No. \_\_\_\_\_ Date \_\_\_\_\_  
 Lease Brining 'C' Well # 1  
 Field Order # 16373 Station Pratt Casing 4 1/8 Depth 795 County Barton State Ks.  
 Type Job CNW - 4 1/4 Formation \_\_\_\_\_ Legal Description 1/2 05-14w

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft	<u>Land Cont.</u>	Acid	<u>205K H Per</u>	RATE	PRESS	ISIP
Depth	Depth	From	To	Pre Pad	<u>2.56 ft<sup>3</sup></u>	Max	<b>CONFIDENTIAL</b>	15 Min.
Volume	Volume	From	To	Pad	<u>235K Per</u>	Min	<u>NOV 13 2007</u>	Min.
Max Press	Max Press	From	To	Frac	<u>36 ft<sup>3</sup></u>	Avg	<b>KCC</b>	15 Min.
Well Connection	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	<u>47.5</u>	Gas Volume		Total Load

Customer Representative Steve Stevens Station Manager Dave Smith Treater Bobby Drake

Service Units	Driver Names
<u>19440</u> <u>17940</u> <u>19832</u> <u>19860</u>	<u>Drake</u> <u>Collier</u> <u>James</u> <u>Bobbs</u>

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<u>2300</u>					<u>On location - Safety Meeting</u>
<u>2400</u>					<u>Run Csg.</u>
<u>2:50</u>					<u>Csg. on Bottom</u>
<u>0103</u>					<u>Hook up to Csg. - Break Circ. in Rig.</u>
<u>0115</u>	<u>100</u>		<u>5</u>	<u>5.0</u>	<u>120 Hhred</u>
<u>0116</u>	<u>200</u>		<u>76</u>	<u>5.0</u>	<u>Mix head Cont. @ 12.0" head</u>
<u>0134</u>	<u>200</u>		<u>32</u>	<u>4.5</u>	<u>Mix Tail Cont. @ 15.0" head</u>
<u>0141</u>					<u>Release Plug</u>
<u>0145</u>	<u>200</u>			<u>6.0</u>	<u>Start Dig.</u>
<u>0153</u>	<u>200</u>		<u>48.5</u>		<u>Ph. down</u>
					<u>Circulation thru Job</u>
					<u>Job Complete</u>
					<u>Thanks, Bobby</u>

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Customer <b>F.G. Hill</b>	Lease No.	Date <b>8-5-07</b>
Lease <b>Prining C</b>	Well # <b>1</b>	
Field Order # <b>116781</b>	Station <b>Pratt</b>	Casing <b>5 1/2</b>
		Depth <b>3641</b>
Type Job <b>CNW-1.5.</b>	Formation	County <b>Barton</b>
		State <b>Ks.</b>
		Legal Description <b>1-20s-1-1w</b>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <b>5 1/2</b>	Tubing Size	Shots/Ft	<b>Cont.</b>	Acid <b>125% AA2</b>	RATE	PRESS	<b>CONFIDENTIAL</b>	
Depth <b>3641</b>	Depth	From	To	Pre Pad <b>1.16ft<sup>3</sup></b>	Max		5 Min <b>NOV 13 2007</b>	
Volume <b>11.1</b>	Volume	From	To	Pad	Min		10 Min.	
Max Press <b>1500</b>	Max Press	From	To	Frac	Avg		15 Min <b>MCC</b>	
Well Connection <b>P.C.</b>	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth <b>3641</b>	Packer Depth	From	To	Flush <b>67 Bbl.</b>	Gas Volume		Total Load	

Customer Representative <b>Rick Long</b>	Station Manager <b>Leanne Scott</b>	Treater <b>Bobby Drake</b>
Service Units <b>1941W</b>		
Driver Names <b>Dick Laibance Dale</b>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0845					De-location w/ Fluoat Cqpt.
0900					Trucks on location / Safety Meeting
0930					Run Cq. Cent. - 3, 4, 5, 6, 7, 8, 9, 10 Cent. - 7
1120					Cq. on Bottom
1130					Hook up to Cq. - Break Circ. w/ Rig
1335	200		12	5.5	Super Flush
1337	200		5	5.5	1120 spacer
1340	200		7	5.8	Mix Seawater Cent. @ 120#/gal
1341	200		33	5.8	Mix Cement @ 15.0#/gal
1348					Release Plug - Clear Pump & Lines
1352	150			6.5	Start Disp.
1405	300		61	6.0	Lift Pressure
1410	1500		49		Plug Down
1415			7		Plug Ret. - Mouse Holes
					Circulation Then Job
					Job Complete
					Thanks, Bobby

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