

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

4/09/09

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, Ext. 206
Contractor: Name: Duke Drilling Company, Inc., Rig #5
License: 5929
Wellsite Geologist: Ryan Greenbaum

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: **CONFIDENTIAL**
Operator: _____
Well Name: _____

Original Comp. Date: _____ Original Total Depth: KCC
 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>03/14/2008</u>	<u>03/21/2008</u>	<u>03/31/2008</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 185-23,513-0000
County: Stafford. 150' W. of
C E/2 SW Sec. 14 Twp. 21 S. R. 14 East West
1320 feet from S / N (circle one) Line of Section
1830 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: ESFELD Well #: 2-14

Field Name: Rychlec
Producing Formation: Arbuckle
Elevation: Ground: 1928' Kelly Bushing: 1939'
Total Depth: 3875' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 818 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 AH INS 07509
(Data must be collected from the Reserve Pit)
Chloride content 2500 ppm Fluid volume 1000 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
Exploration Manager Date: 4/9/2008
Title: _____

Subscribed and sworn to before me this 9th day of April, 2008

20 State of Kansas; Sedgewick County
Betty H. Spotswood
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
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
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KANSAS CORPORATION COMMISSION
MAY 15 2008

CONSERVATION DIVISION
WICHITA, KS

Operator Name: F.G. Höll Company, L.L.C. Lease Name: ESFELD Well #: 2-14
 Sec. 14 Twp. 21 S. R. 14 East West County: Stafford, 150' W. 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 <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/Sector bond	<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:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Herrington</td> <td>1839</td> <td>(+100)</td> </tr> <tr> <td>Stotler</td> <td>2702</td> <td>(-763)</td> </tr> <tr> <td>Tarkio</td> <td>2764</td> <td>(-825)</td> </tr> <tr> <td>Topeka</td> <td>3037</td> <td>(-1098)</td> </tr> <tr> <td>Heebner</td> <td>3138</td> <td>(-1248)</td> </tr> <tr> <td>Lansing-Kansas City</td> <td>3249</td> <td>(-1359)</td> </tr> <tr> <td>BKC</td> <td>3510</td> <td>(-1620)</td> </tr> <tr> <td>Arbuckle</td> <td>3548</td> <td>(-1658)</td> </tr> </table>	Name	Top	Datum	Herrington	1839	(+100)	Stotler	2702	(-763)	Tarkio	2764	(-825)	Topeka	3037	(-1098)	Heebner	3138	(-1248)	Lansing-Kansas City	3249	(-1359)	BKC	3510	(-1620)	Arbuckle	3548	(-1658)
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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#	818'	A-Con	175sx	
					Common	175sx	
Production	7-7/8"	5-1/2"	14#	3870'	AA-2	125sx	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
..... Perforate				
..... Protect Casing				
..... Plug Back TD				
..... 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
		Spotted 500 gal 10% acetic acid	
4 SPF	3750' - 3756' Arbuckle		

TUBING RECORD		Size <u>2-7/8"</u>	Set At <u>3818'</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <u>04/02/2008</u>			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.	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 3750' - 3756' Arbuckle
(If vented, Submit ACO-18.) Other (Specify) _____

Formation	Sample	Datum	E-Log	Datum
Herrington			1839	+106
Winfield			1891	+48
Towanda			1953	-14
Fort Riley			1988	-49
Florence			2036	-97
B/Florence			2080	-141
Kinney Ls			2100	-161
Wrefold			2134	-195
Council Grove			2153	-214
Cottonwood			2250	-311
Neva			2336	-397
Red Eagle			2396	-457
Americus				
Crouse				
Foraker				
Indian Cave			2534	-595
Wabaunsee			2574	-635
Root Shale			2664	-725
Stotler			2702	-763
Willard Shale			2730	-791
Tarkio/Elmont			2764	-825
Howard			2908	-899
Severy Shale			3016	-1077
Topeka			3037	-1098
Heebner			3270	-1331
Toronto			3300	-1361
Douglas Sh.			3310	-1371
Brown Lime			3388	-1449
LKC			3399	-1460
LKC "H"			3523	-1584
BKC			3616	-1677
Conglomerate			3628	-1689
Viola lm			3656	-1717
Viola Chert			3662	-1723
Simpson			3702	-1763
Arbuckle			3745	-1806
RTD			3875	-1936

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CONSERVATION DIVISION
WICHITA, KS

Mud-Co / Service Mud Inc.

Operator FG Holl County Stafford State Kansas Pump 6 X 15 X 54 SPM Casing Program 8 5/8 " @ 818 ft.
 Well Esfeld #2-14 Location _____ GPM 7.44 BPM " @ _____ ft.
 Contractor Duke #5 Sec 14 TWP 21S RNG 14W D.P. 4.5 in. 183 FT/MIN R.A. " @ _____ ft.
 Stockpoint Pratt, Ks. Date 3/14/2008 Engineer Rick Hughes Collar 6.25 in. 450 ft. 334 FT/MIN R.A. Total Depth 3875 ft.

DATE	DEPTH feet	WEIGHT lb/gal	VISCOSITY			GELS 10 sec / 10 min.	pH Strip Meter	FILTRATION/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 %						
3/15	0																				RURT	
3/15	818																				Run SP Displace w/starch 1616	
3/16	1703	8.9	59	9	32	17/33	7.0	8.0	1		13m	N/C	3.5		96.5						Drilling Displace w/chemical	
3/17	2192	9.5	39	8	20	16/22	7.0	11.2	2		46m	Hvy	5.9		94.1						Drilling @ 2496	
3/18	2842	9.0	58	12	23	28/78	12.0	7.2	1		5,600	80	4.7		95.3						Drilling	
3/19	3462	9.4	43	10	10	20/68	12.0	11.2	1		4,300	50	7.2		92.8						Drilling	
3/20	3756	9.4	76	14	28	52/95	11.5	9.6	1		4,000	40	7.6		92.4						CCH dst #1 @ 3756'	
3/21	3875	9.2	42	12	8	7/18	11.0	10.4	1		4,000	40	6.2		93.8						Logging	
3/22	3875																				Final: 1 DST. Log. Ran pipe.	
																						Reserve Pit, Chl content ppm: 2500
																						Estimated Volume: 1000 bbls
																						Ref: FGHoll100906, 090607.FGHollID5.050207
																						Displace 1600/2500

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 KREC

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	50					
CAUSTIC SODA	17					
DESCO	2					
DRILL PAK	11					
LIME	3					
PREMIUM GEL	955					
SALT CLAY	36					
SODA ASH	22					
STARCH	83					
SUPER LIG	14					
						Total Mud Cost
						Trucking Cost
						Trucking Surcharges
						Taxes
						TOTAL COST

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 MAY 15 2008
 CONSERVATION DIVISION
 WICHITA, KS

Customer F.G. Hall	Lease No.	Date 3-15-08
Lease Esfeld	Well # 1-14	
Field Order # 14155	Station Pratt	County Stafford
Type Job C/W-SP	Formation	Legal Description 14-215-14W

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 8 7/8	Tubing Size	Shots/Ft	L.C.	Acid	175sk. A-Con	RATE	PRESS	ISIP
Depth 525	Depth	From	To	Pre Pad	2.56 ft³	Max		5 Min.
Volume 28.47	Volume	From	To	Pad	175sk. Common	Min		10 Min.
Max Press 1000	Max Press	From	To	Frac		Avg		15 Min.
Well Connection P.C.	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth 825	Packer Depth	From	To	Flush	51.5 Bbl.	Gas Volume		Total Load

Customer Representative Sonny	Station Manager Scotty	Treater Bobby
Service Units 19966 199869 19842 19832 21010		
Driver Names Drake Kcama Wesley Stone & Chance		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1300					On location - Safety Meeting
1410					Run 19pts. 8 7/8" 24" Csg.
1530					Csg. on bottom
1530					Hook up to Csg. - Break Circ. w/ Rig
1550	100		10	5.0	H2O Ahead
1553	150		45	9.0	Mix Lead Cont. @ 12.0#/gal
1610	100		50	5.0	Mix Lead Cont. @ 15.0#/gal
1610					Release Plug
1620	150			6.0	Start Displacement
1635	150		51.5		Plug Down
					Circulation thru Job
					Circulated Cont. to Pit
					Job Complete
					Thanks, Bobby

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CONSERVATION DIVISION
WICHITA, KS

Customer: *F. G. HOLL COMPANY* Lease No. _____ Date: *3-21-08*
 Lease: *EST-10* Well # *1-14*
 Field Order # *10195* Station *PRA #* Casing *5 1/2* Depth *3870'* County _____ State _____
 Type Job *CNW 5 1/2 long string* Formation _____ Legal Description *14-27-14*

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>5 1/2</i>	Tubing Size	Shots/Ft		<i>AA2</i>	<i>125 SK AA2</i>	RATE	PRESS	ISIP
Depth <i>3870</i>	Depth	From	To	Pre-Pad	<i>30 SK 6 1/4 POZ</i>	Max		5 Min.
Volume <i>94</i>	Volume	From	To	Pad		Min		10 Min.
Max Press <i>1500</i>	Max Press	From	To	Frac		Avg		15 Min.
Well Connection <i>P.C.</i>	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth <i>3054'</i>	Packer Depth	From	To	Flush	CONFIDENTIAL	Gas Volume		Total Load

Customer Representative: *ROB* Station Manager: *D. Ruff Scott* Treater: *Robert Sullivan*
 Service Units: *19867 19806 19999 21010*
 Driver Names: *Sullivan, Melson, Lachance* KCC

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>1000 PM</i>					<i>ON Loc. Safety Meeting</i>
					<i>Run 29 S.T.S 5 1/2" 14' CASING</i>
					<i>Shoe 15'85 BAKET ON 4 1/2" CONTROLS 1-8</i>
<i>0110</i>					<i>CASING ON BOTTOM</i>
<i>0120</i>					<i>Hook Rig to circ hole</i>
<i>0330</i>	<i>200</i>		<i>12</i>	<i>5</i>	<i>Start Super Flush</i>
	<i>200</i>		<i>5</i>		<i>Start H₂O SPACER</i>
			<i>9</i>	<i>55</i>	<i>Mix 25 SK 6 1/4 POZ SQUENGER</i>
				<i>6</i>	<i>Mix 125 SK AA2 CNT</i>
<i>0345</i>			<i>32</i>		<i>Shut down + WASH PUMP LINE</i>
<i>0347</i>	<i>200</i>			<i>6</i>	<i>Release Plug @ Shut Deep</i>
	<i>350</i>		<i>70</i>	<i>6</i>	<i>Left PSI</i>
				<i>3.5</i>	<i>Slow Rate</i>
<i>0400</i>	<i>1500</i>			<i>3.5</i>	<i>Play down</i>
					<i>Play R.H.</i>
					<i>Job Complete</i>
					<i>Thank you</i>

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