

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

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, Rig #8
License: 5929
Wellsite Geologist: Bill Ree

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, 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. _____

<u>12/10/2003</u>	<u>12/19/2003</u>	<u>01/23/2004</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 185-23,213-0000
County: Stafford, 100' N. of
C SE NE SE Sec. 9 Twp. 21 S. R. 14 East West
1750 feet from (S) / N (circle one) Line of Section
330 feet from (E) / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: POWELL Well #: 1-9

Field Name: _____
Producing Formation: Conglomerate
Elevation: Ground: 1922' Kelly Bushing: 1930'
Total Depth: 3894' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 878 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 ALT #1 KGR 5/23/07
(Data must be collected from the Reserve Pit)

Chloride content 22,000 ppm Fluid volume 1,000 bbls
Dewatering method used Hauled to SWD

Location of fluid disposal if hauled offsite:
Operator Name: John J. Darrah
Lease Name: ANSHUTZ -15 SWC 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: 03/11/2004

Subscribed and sworn to before me this 11th day of March, 2004

19 Betty B. Herring
Notary Public: Betty B. Herring

Date Commission Expires: 04/30/2006

Notary Public - State of Kansas
BETTY B. HERRING
My Appt. Exp. 4/30/2006

KCC Office Use ONLY
NO Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

X

Operator Name: F.G. Holl Company, L.L.C. Lease Name: POWELL Well #: 1-9
 Sec. 9 Twp. 21 S. R. 14 East West County: Stafford

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 <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name Top Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	See attachment
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
List All E. Logs Run: DIL/MEL/BHCS DCP/ML		

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		8-5/8"	23#	878'KB	A-Con Blend	210sx	2%gel,3%cc
					Common	125sx	
Production	7-7/8"	4-1/2"	10.5#	3888'KB	50/50 Poz	175sx	2%gel,3%cc

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 <i>(Amount and Kind of Material Used)</i>	Depth
4 SPF	3642'-3652', 3661'-3671' Conglomerate	Treat w/ 1500 gal 7-1/2% Mira acid	
		Frac w/ 60,000# total propanat	

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, Resumed Production, SWD or Enhr.		Producing Method		
01/23/2004		<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
	15		5	

Disposition of Gas METHOD OF COMPLETION Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled 3642'-3671' OA - Conglomerate
(If vented, Sumit ACO-18.) Other (Specify)

ORIGINAL

DAILY DRILLING REPORT – POWELL NO.1-9
Stafford County, Kansas

Formation	Sample Tops	Datum	E-Log Tops	Datum
Anhy				
B/Anhy				
Herrington			1839	+91
Winfield			1894	+36
Towanda			1956	-26
Ft. Riley			1992	-62
Florence			2038	-108
B/Florence			2086	-156
Kinney			2099	-169
Wreford			2129	-199
Council Grov			2152	-222
CottonWood			2260	-330
Neva			2337	-407
Red Eagle			2388	-458
Root Shale				
Langdon Ss.				
Stotler			2697	-767
Tarkio			2759	-829
Howard			2903	-973
Severy Sh			2957	-1027
Topeka			2978	-1048
Heebner			3263	-1333
Toronto			3288	-1358
Douglas Sh.			3307	-1377
Brown Lime			3382	-1452
LKC			3395	-1465
LKC "J"				
BKC			3595	-1665
Marmaton			3600	-1670
Conglomerat			3633	-1703
Viola			3712	-1782
Simpson Sh.			3787	-1857
Simpson Ss.			3791	-1861
Arbuckle			3803	-1873
RTD			3894	-1964
LTD				

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KANSAS CORPORATION COMMISSION
MAR 31 2004
CONSERVATION DIVISION
WICHITA, KS



TREATMENT REPORT

ORIGINAL

Customer ID	Date
Customer <i>F. G. Hall</i>	<i>12-11-03</i>
Lease <i>Powell</i>	Lease No.
	Well # <i>1-9</i>
	County <i>Stafford</i>
	State <i>Ks.</i>

Field Order # <i>7249</i>	Station <i>Pratt</i>	Casing <i>8 5/8</i>	23#	Depth <i>879</i>	Formation	Legal Description <i>9-215-14W</i>
Type Job <i>8 5/8 Surface Pipe</i>						

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft	Lead	Acid		RATE	PRESS	ISIP
<i>8 5/8 23#</i>				<i>210 sks. A-con</i>				
Depth	Depth	From	To	Pre Pad	Max			5 Min.
<i>878</i>				<i>12.0#/gal 2.56 ft³</i>				10 Min.
Volume	Volume	From	To	Pad	Min			15 Min.
<i>56.2</i>				<i>3%CC 2%Labet 2%Metso</i>	<i>1/4# Cellulose</i>			
Max Press	Max Press	From	To	Frac	Avg			
<i>670</i>			<i>Fail</i>	<i>125 sks. Common</i>				
Well Connection	Annulus Vol.	From	To		HHP Used			Annulus Pressure
<i>P.C.</i>				<i>15.0#/gal 1.36 ft³</i>				
Plug Depth	Packer Depth	From	To	Flush	Gas Volume			Total Load
<i>832.65</i>				<i>2%gel 3%CC 1/4# Cellulose</i>				

Customer Representative <i>Steve Stephens</i>	Station Manager <i>Dave Antry</i>	Treater <i>Bobby Drake</i>
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>5:30</i>					<i>Called Out</i>
<i>7:30</i>					<i>On location - Safety Meeting</i>
<i>12:06</i>					<i>Run Csg - 19 ft. 8 5/8 23# - Battle Plate</i>
					<i>Top of 1st jt. (45.6)</i>
<i>13:20</i>					<i>Csg. On Bottom</i>
<i>13:30</i>					<i>Hook up to Csg. - Break Circ. w/ Rig</i>
<i>13:45</i>	<i>300</i>		<i>10</i>	<i>5.5</i>	<i>H2O Ahead</i>
<i>13:47</i>	<i>150</i>		<i>110</i>	<i>5.0</i>	<i>Mix Lead Cont. @ 12.0#/gal</i>
<i>14:05</i>	<i>250</i>		<i>32</i>	<i>5.0</i>	<i>Mix Tail Cont. @ 13.0#/gal</i>
<i>14:12</i>					<i>Shut Down - Release Plug</i>
<i>14:14</i>	<i>250</i>		<i>54</i>	<i>L.O</i>	<i>Start Disp</i>
<i>14:23</i>	<i>600</i>				<i>Plug Down</i>
					<i>Circulation thru job - Circulated Cont.</i>
					<i>to Pit.</i>
					<i>Job Complete</i>
					<i>Thanks, Bobby</i>

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MAR 31 2004

ORIGINAL

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TREATMENT REPORT MAR 31 2004

... north on 281, 6mi west, 1/4 mi North, into

Customer ID	Date	CONSERVATION DIVISION WICHITA, KS	
Customer FG Hall	12-20-03		
Lease Powell	Lease No.	Well #	1-9



Order # 441	Station Pratt KS	Casing 4 1/2	Depth 3880	County Stafford	State KS
Type Job Long String New Well			Formation	Legal Description 9-21s-14w	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 4 1/2	Tubing Size	Shots/Ft 1.77 ⁴⁸	13.0 ppg	Acid 50ski A-Lite Hall	Mix	RATE	PRESS	ISIP
Depth 3845	Depth PBTD	From 156 ⁴⁸	To 13.7 ppg	Pre Pad 175ski 50-50por Hall	Max			5 Min.
Volume 61.1	Volume	From	To	Pad 7.8 + 48.6 = 56.4	Min			10 Min.
Max Press 2000	Max Press	From	To	Frac 20 Bbls salt flush	Avg			15 Min.
Well Connection	Annulus Vol.	From	To	Flush 12 Bbls m.f.	HHP Used			Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush 12 Bbls Superflush	Gas Volume			Total Load

Customer Representative Rob Long	Station Manager Dave Autry	Treater D. Scott
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Service Units	118	46	35	39	72			
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0500					On Loc w/Trk's Safety mtg G.S. Bottom ISFY w/Fill Top S.J. Cmt Basket 2nd Cent 1-2-3-4-5-6-7-8-9-10 Csg on Bottom Drop Ball + Circ w/Rtg 2 hrs
0830	200		20	5	St Salt Flush w/400 Lbs Salt
0834	200		12	5	St mud Flush
0836	200		12	5	St Super Flush
0838	200		5	5	H2O spacer
0839	300		8	5.5	Mix Lead Cmt @ 13.0 ppg 25ski lite
0841	325		48.6	5.5	Mix Tail Cmt @ 13.7 ppg 175ski
0853	Ø		10	5	Chase In + Wash Pump + line
0855	Ø			6.5	Release Top Plug + St Disp w/H2O
0900	275		40	6.5	40 Bbls Disp out lift Cmt
0904	1000		61.1	Ø	Plug Down + psi Test Csg
0906	Ø				Release psi float held Rotated Csg Thru Job Good Circ Thru Job
			7	2	Plug R.H. + M.H. w/25ski Lite Cmt
					Job Complete Thank you Scott

10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • Phone (620) 672-1201 • Fax (620) 672-5383

