

ORIGINAL

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

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: Sterling Drilling Company, Rig #1
 License: 5142
 Wellsite Geologist: Bill Ree
 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. _____

<u>01/13/2004</u>	<u>01/27/2004</u>	<u>03/05/2004</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 185-23219-0000
 County: Stafford 90' N & 20' E. of
C NW SW SE Sec. 7 Twp. 21 S. R. 12 East West
1080 feet from S N (circle one) Line of Section
2290 feet from E W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: NOLTE Well #: 1-7
 Field Name: Mueller North Abandoned
 Producing Formation: LKC
 Elevation: Ground: 1854' Kelly Bushing: 1863'
 Total Depth: 3675' Plug Back Total Depth: _____
 Amount of Surface Pipe Set and Cemented at 329'KB 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.
ALTZ WHM 10-17-06
Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
 Chloride content 10,000 ppm Fluid volume 1,000 bbls
 Dewatering method used Hauled free fluids to SWD
 Location of fluid disposal if hauled offsite:
 Operator Name: John J. Darrah
 Lease Name: ANSHUTZ-15 SWD License No.: 5088
 Quarter NE Sec. 15 Twp. 21 S. R. 14 East West
 County: Stafford Docket No.: D-17,893

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MAY 06 2004
WICHITA, KS

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: 04/14/2004
 Subscribed and sworn to before me this 14th day of April, 2004
 19 _____
 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: NOLTE Well #: 1-7
 Sec. 7 Twp. 21 S. R. 12 East West County: Stafford 90' N & 20' E. 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: CNL/CDL/MEL/BHCS/DIL SCBL/BCSL	<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 casing	12-1/4"	8-5/8"	23#	329'KB	60/40 Poz	325 sx	2% gel, 3%cc
Production casing	7-7/8"	5-1/2"	15.50#	3674'KB	50/50 Poz	150 sx	2% gel, 3%cc
					A-Serv. Lite	25 sx	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate	3482' - 3550'	Common	50 sx	2% cc, 5 gal Doc.
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone	3482' - 3506'	Common	130 sx	5% fla 3-22, 1% wca

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 BSPF	3482'-3506', 3510'-3512', 3515'-3522' Arbuckle	Treated each foot of perms w/ 50 gal 15% DSFE acid.	
4 BSPF	3524'-3528', 3532'-3536', 3539'-3550' Arbuckle	Treat w/ 250 gal 10% mud acid flush w/ lease oil.	
2 SPF	3515' - 3526' Arbuckle. CIBP @ 3530'		
4 SPF	3263'-67' & 3273'-78' B zone, 3246'-3254' "A"LKC	Treat B zone w/ 500 gal 15% mca acid & 1000 gal 15% nefe acid	
		Treat perms w/ 500 gal 15% mca. Treat A zone w/ 1000 gal 15% nefe acid.	

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2-7/8"	3418'			
Date of First, Resumed Production, SWD or Enhr.			Producing Method			
March 11, 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	
	50		1.67			

Disposition of Gas: Vented Sold Used on Lease *(If vented, Sumit ACO-18.)*

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify)

Production Interval: 3246'-3278' OA LKC

**DAILY DRILLING REPORT – NOLTE NO.1-7
Stafford County, Kansas**

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CONSERVATION DIVISION
WICHITA, KS

Formation	Sample Tops	Datum	E-Log Tops	Datum
Anhy				
B/Anhy				
Herrington	1663	+200	1663	+200
Winfield	1713	+150	1714	+151
Towanda	1776	+87	1778	+85
Ft. Riley	1816	+47	1826	+37
B/Florence			1922	-59
Council Grov	1984	-121	1988	-125
Neva	2164	-301	2160	-297
Red Eagle	2229	-366	2226	-363
Ameri	2329	-466	2329	-466
Wabause	2402	-539	2403	-540
Root Shale	2462	-599		
Langdon Sd.	2477	-614	2481	-618
Stotler	2530	-667	2531	-668
Tarkio Sd.	2561	-698	2564	-701
Howard	2742	-879	2742	-879
Topeka	2832	-969	2832	-969
Heebner	3105	-1242	3101	-1238
Toronto			3122	-1259
Douglas Sh.	3137	-1274	4138	-2275
Brown Lime	3231	-1368	3229	-1366
LKC	3248	-1385	3246	-1383
BKC			3452	-1589
Mississippi			None	
Viola			None	
Simpson Sh.			3462	-1599
Simpson Ss.			3467	-1604
Arbuckle	3486	-1623	3484	-1621
RTD	3675	-1812	3675	-1812



SALES OFFICE:
 100 S. Main
 Suite #607
 Wichita KS 67202
 (316) 262-3699
 (316) 262-5799 FAX

SALES & SERVICE OFFICE:
 10244 NE Hiway 61
 P.O. Box 8613
 Pratt, KS 67124-8613
 (620) 672-1201
 (620) 672-5383 FAX

SALES & SERVICE OFFICE:
 1700 S. Country Estates Rd.
 P.O. Box 129
 Liberal, KS 67905-0129
 (620) 624-2277
 (620) 624-2280 FAX

Invoice

Bill to:	3678275	Invoice	Invoice Date	Order	Order Date
F G HOLL P O BOX 158 BELPRE, KS 67519		401113	1/31/04	7361	1/27/04
		Service Description			
		Cement			
		Lease		Well	
		Nolte		1-7	
		Well Type	Purchase Order	Terms	
		New Well		Net 30	

1/21/04
2/25/04
4051050 9473.56

ID.	Description	UOM	Quantity	Unit Price	Price
D204	50/50 POZ (COMMON)	SK	150		
D206	A-SERV LITE (COMMOM)	SK	50		
C194	CELLFLAKE	LB	43		
C195	FLA-322	LB	161		
C243	DEFOAMER	LB	17		
C310	CALCIUM CHLORIDE	LBS	252		
C311	CAL SET	LBS	744		
C321	GILSONITE	LB	1982		
C320	CEMENT GELL	LB	252		
C312	GAS BLOCK	LB	126		
F101	TURBOLIZER, 5 1/2"	EA	12		
F121	BASKET, 5 1/2"	EA	1		
F191	GUIDE SHOE-REGULAR, 5 1/2"	EA	1		
F231	FLAPPER TYPE INSERT FLOAT VALVES, 5 1/2"	EA	1		
F143	TOP RUBBER CEMENT PLUG, 5 1/2"	EA	1		
F292	CEMENT SCRATCHERS ROTATING TYPE	EA	25		
C221	SALT (Fine)	GAL	400		
C302	MUD FLUSH	GAL	500		
C303	SUPER FLUSH	GAL	500		
E107	CEMENT SERVICE CHARGE	SK	200		
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	45		
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	380		
R208	CASING CEMENT PUMPER, 3501-4000' 1ST 4 HRS ON LOC	EA	1		

ENT'D FEB 2004

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PLEASE REMIT TO Acid Services, LLC, Dept No 1131 , Tulsa, OK 74182

Accounts become past due the last day of the month following billing. Interest rate 1.5% per month (18% per year) on past due accounts.



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Invoice

R701	CEMENT HEAD RENTAL	EA	1
R702	CASING SWIVEL RENTAL	EA	1

S

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Discount S

Stafford County & State Tax Rate: 6.30%

(T) Taxable Item

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CONSERVATION DIVISION
WICHITA, KS

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FEB 03 2004
BY: Terry Baird

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COPY

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Invoice

Bill to:			3678275	Invoice	Invoice Date	Order	Order Date
F G HOLL P O BOX 158 BELPRE, KS 67519				401033	1/29/04	7432	1/14/04
				Service Description			
				Cement			
				Lease		Well	
				Nolte		1-7	
AFE	CustomerRep	Treater		Well Type	Purchase Order	Terms	
	G. Paugh	B. Drake		New Well		Net 30	

<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
D203	60/40 POZ (COMMON)	SK	325		
C194	CELLFLAKE	LB	82		
C310	CALCIUM CHLORIDE	LBS	840		
F163	WOODEN CEMENT PLUG, 8 5/8"	EA	1		
E107	CEMENT SERVICE CHARGE	SK	325		
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	45		
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	630		
R200	CASING CEMENT PUMPER, 0-300' 1ST 4 HRS ON LOC.	EA	1		
R701	CEMENT HEAD RENTAL	EA	1		

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Discount:
 Stafford County & State Tax Rate: 6.30%
 (T) Taxable Item

PLEASE REMIT TO Acid Services, LLC, Dept No 1131 , Tulsa, OK 74182

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TREATMENT REPORT

Customer ID	Date
Customer <i>F.C. Holl</i>	<i>1-14-04</i>
Lease <i>Nolte</i>	Lease No.
	Well # <i>1-7</i>
Field Order # <i>7432</i>	Station <i>Pratt</i>
Casing <i>8 5/8</i>	Depth <i>330</i>
County <i>Stafford</i>	State <i>Ks.</i>
Type Job <i>8 5/8 S.P. New Well</i>	Formation
	Legal Description <i>7-215-12W</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>8 5/8</i>	Tubing Size	Shots/Ft	<i>Cmt.</i>	Acid <i>325 sk. 60/40 POC</i>	RATE	PRESS	ISIP	
Depth <i>330</i>	Depth	From	To	Pre Pad <i>14.7 #/gal 125 ft</i>	Max		5 Min.	
Volume <i>21</i>	Volume	From	To	Pad <i>20 bgal 3 9/16 1/4 # cell/flake</i>	Min		10 Min.	
Max Press <i>500</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>294</i>	Packer Depth	From	To	Flush <i>20 Bbls. H2O</i>	Gas Volume		Total Load	

Customer Representative <i>Gary Pangel</i>	Station Manager <i>Dave Autry</i>	Treater <i>Bobby Drake</i>
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Service Units	<i>105</i>	<i>46</i>	<i>57</i>	<i>47</i>	<i>70</i>
---------------	------------	-----------	-----------	-----------	-----------

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>2:30</i>					<i>On Location - Safety Meeting</i>
<i>3:15</i>					<i>Run Csg. - 7 jts. 8 5/8 23"</i>
<i>4:15</i>					<i>Csg. on Bottom</i>
<i>4:20</i>					<i>Hook up to Csg - Brock Circ. w/ Rlg</i>
<i>4:32</i>	<i>50</i>		<i>10</i>	<i>5.2</i>	<i>H2O Ahead</i>
<i>4:34</i>	<i>150</i>		<i>86</i>	<i>4.2</i>	<i>Mix Cmt. @ 14.7 #/gal</i>
<i>4:55</i>					<i>Shut Down - Release Plug</i>
<i>4:56</i>	<i>200</i>		<i>20</i>	<i>5.0</i>	<i>Start Disp.</i>
<i>5:05</i>	<i>250</i>				<i>Plug Down</i>
					<i>Circulation Thru Job</i>
					<i>Circulated Cmt. to Pit</i>
					<i>Job Complete</i>
					<i>Thanks, Bobby Drake</i>

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