

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

1/29/10
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 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 9
 License: 5929
 Wellsite Geologist: Rene Husted FEB 19 2009
 Designate Type of Completion: **KCC**
 New Well Re-Entry Workover
 Oil SWD SLOW 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. _____
 09/24/2008 10/05/2008 01/08/2009
 Spud Date or 2009
 Recompletion Date Date Reached TD Completion Date or
 Recompletion Date Recompletion Date

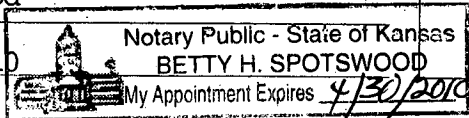
API No. 15 - 025-21,470-0000
 County: Clark
 SE SW NE SE Sec. 13 Twp. 34 S. R. 21 East West
1485 feet from S N (circle one) Line of Section
785 feet from E W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: HAZEN Well #: 2-13
 Field Name: Wildcat
 Producing Formation: Lansing-Kansas City
 Elevation: Ground: 1809' Kelly Bushing: 1822'
 Total Depth: 5600' Plug Back Total Depth: _____
 Amount of Surface Pipe Set and Cemented at 867' 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 ATTACHED
 (Data must be collected from the Reserve Pit)
 Chloride content 36,000 ppm Fluid volume 1800 bbls
 Dewatering method used No free fluids
 Location of fluid disposal if hauled offsite: _____
 Operator Name: _____
 Lease Name: _____ License No.: _____
 Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
 County: _____ Docket No.: _____

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: 01/15/2009
 Subscribed and sworn to before me this 16th day of January 2009
20 State of Kansas Sedgewick County
Betty H. Spotswood
 Notary Public: Betty H. Spotswood
 Date Commission Expires: 04/30/2010



KCC Office Use ONLY

Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

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Operator Name: F.G. Holl Company, L.L.C. Lease Name: HAZEN Well #: 2-13
 Sec. 13 Twp. 34 S. R. 21 East West County: Clark

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 See attachment	Top Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
List All E. Logs Run:			
CDL/CNL DIL/CPI/BHCS ML/Sector bond log			

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
Conductor	17-1/2"	13-3/8"	54.5#	45'	Common	275sx	3%cc, 2% gel
Surface	12-1/4"	8-5/8"	23#	867'	A-Con & comm	200 & 200sx	
Production	7-7/8"	4-1/2"	10.5#	5598'	AA-2	250sx	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate	4861' - 4875'	Common	50sx	Diesel fuel
<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	5456' - 5464' Mississippi	Spotted 500 gal 10% acetic acid	
		750 gal 15% dsfe. 500 gal 10% nefe acid	
		Frac w/ 17,000#s total proppant	
4 SPF	4870' - 4875', 4861'-4865' Lansing-Kansas City	Treat w/ 250 gal 15% nefe acid	
4 SPF	Reperf 4870' - 4875' Spotted 300 gal of diesel fuel.	Treat w/ 500 gal HCL. Treat w/ 750 gal 15% nefe acid	

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2-3/8"	5450'			
Date of First, Resumerd Production, SWD or Enhr.			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 Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

METHOD OF COMPLETION 4870' - 4875' LKC

(If vented, Submit ACO-18.)

Perforation of 2/25/09

HAZEN #2-13
CLARK COUNTY, KANSAS

Formation	Sample	Datum	E-Log	Datum
Herrington			2402	-580
Winfield			2468	-646
Towanda			2537	-715
Fort Riley			2596	-774
B/Florence			2708	-886
Kinney Ls			2723	-901
Wrefold			2766	-944
Council Grove			2813	-991
Crouse			2898	-1076
Neva			3005	-1183
Red Eagle			3090	-1268
Onaga Shale			3302	-1480
Wabaunsee			3350	-1528
Root Shale			3458	-1636
Stotler	3486	-1664	3502	-1680
Howard			3682	-1860
Severy Shale			3767	-1945
Topeka			3791	-1969
Heebner			4304	-2482
Toronto			4320	-2498
Douglas Sh.			4380	-2558
LKC			4497	-2675
LKC "H"			4767	-2945
Stark Shale			4948	-3126
BKC	5057	-3235	5059	-3237
Marmaton	5083	-3261	5087	-3265
Altamont	5142	-3320	5143	-3321
Pawnee	5194	-3372	5198	-3376
Fort Scott	5226	-3404	5234	-3412
Cherokee Sh			5248	-3426
Morrow Shale			5383	-3561
Morrow Sand			5412	-3590
Mississippi			5457	-3635
RTD			5600	-3778

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Protection 2/2 W to no a

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energy services, L.P.

05-2W 10115-1 1/2 S T 118

FIELD ORDER

18977

Subject to Correction

Date 9-25-08		Customer ID		Lease Hazen	Well # 2-13	Legal 13-34-21	
F. G. Hall		Depth 870		County Clark	State KS	Station Pratt	
Casing 8 5/8 int		Casing Depth 867		TD 870		Shoe Joint 47	
Customer Representative		Treater		Job Type CNU-Surface			
H. M. ...		Steve Orlando					

AFE Number: PO Number: Materials Received by **X** *[Signature]* DLS

Station Code	Product Code	QUANTITY	MATERIALS, EQUIPMENT, and SERVICES USED	UNIT PRICE	AMOUNT
P	CP100	200SK	Common	-	
P	CP101	200SK	A-Con Blend	-	
P	CC102	100LB	Cellulose	-	
P	CC109	1128LB	Calcium Chloride	-	
P	CC200	376LB	Cement Gel	-	
P	CS105	1ea	Top Rubber Plug 8 5/8"	-	
P	CS253	1ea	Guide Shoe Regular 8 5/8"	-	
P	CS1453	1ea	Slapper Type Insert float valve 8 5/8"	-	
P	CS1753	2ea	Centralizer 8 5/8"	-	
P	CS1903	1ea	Basket 8 5/8"	-	
P	E101	150mi	Heavy Equipment Mileage	-	
P	E113	1410mi	Bulk Delivery	-	
P	E100	75mi	Pickup Mileage	-	
P	S003	1ea	Service Supervisor	-	
P	CE201	1ea	Depth Charge 501-1000'	-	
P	CE240	400SK	Cement Service Charge	-	
P	CE504	1ea	Plug Container	-	
			Discounted price plus taxes		

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Customer F.G. Hill	Lease No.	Date 9-25-08
Lease Hazen	Well # 2-13	
Field Order # 18977	Station Pratt	Casing # 8 5/8 24"
Type Job CNW-Surface	Depth 870	County Clark
	Formation	State KS
		Legal Description 13-34-21

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size # 8 5/8 24"	Tubing Size	Shots/Ft 200SK	Conent Common	Fluid 2.56 yield	Rate KOV	PRESS	ISIP
Depth 867	Depth	From	To	Pre Pad	Max FEB 18 2009		5 Min.
Volume 55.2	Volume	From 200SK	To Acorn	Pad 1.36 yield	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg CONFIDENTIAL		15 Min.
Well Connection F.C.	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth 825	Packer Depth	From	To	Flush 52.5	Gas Volume		Total Load

Customer Representative Anello	Station Manager Dave Scott	Treater Steve Deland
Service Units 27283 / 19889 / 19842 / 19832 / 21010		
Driver Names Orlando / Wesley / Lechance		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
9:00 PM					On location - Safety Meeting
					Run 200SK 8 5/8 Casing 24"
					Guide Shoe + Insert on 1st JT.
					Centralizer Jts 1-15
					Basket 15
					Casing on Bottom - Break Circ/Rig
					Hookup to Casing
3:12	300		91	5	Mix 200SKs Accor Blend @ 10#/gal
3:30	200		48.5	5	Mix 200SKs Common @ 15#/gal
					Shot Down - Stop Reloading
3:49	0		0	5	Start Displacement
3:58	400		43	5	Conent to Surface
4:00 AM	600		53	5	Plug Down - Hold
					Job Complete
					Thanks Steve

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FIELD ORDER

18983

Subject to Correction

Date	10-16-08	Customer ID	F.G. Hall Company LLC	Lease	Hazen	Well #	2-13	Legal	13-34-21
C H A R G E				County	Clark	State	KS	Station	Pratt
				Depth	5600	Formation		Shoe Joint	10 90
				Casing	4 1/2	Casing Depth	5600	TD	5600
			Customer Representative			Treater			Job Type
			Bob Long			Steve. Orlando			CNW 4 1/2 L.S.
AFE Number		PO Number		Materials Received by		X Rob [Signature]		DLS	

Station Code	Product Code	QUANTITY	MATERIALS, EQUIPMENT, and SERVICES USED	UNIT PRICE	AMOUNT
P	CP105	2655K	AA2 Cement		
P	CC102	67Lb	Cellflake		
P	CC105	63Lb	De-foamer		
P	CC111	1275Lb	Salt		
P	CC139	250Lb	FLA-322		
P	CC201	2650Lb	Gilsonite		
P	CC154	500Gal	Superflush		
P	CF606	1ea	Latch Down Plug + Baffle 4 1/2"		
P	CF1250	1ea	Auto Sill Float Shoe 4 1/2"		
P	CF1650	10ea	Turbolizer 4 1/2"		
P	CF1900	1ea	Basket 4 1/2"		
P	E101	150m.	Heavy Vehicle Mileage		
P	E113	9387m	Bulk Delivery		
P	E100	75m.	Pickup Mileage		
P	S003	1ea	Service Supervisor		
P	CE206	1ea	Depth Charge 5000' - 6000'		
P	CE240	2655K	Cement Service Charge		
P	CE504	1ea	Plug Containers		
P	CE501	1ea	Casing Swivel Rental		
			Discontinued price plus taxes		

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TREATMENT REPORT

Customer F. B. Hull	Lease No.	Date 10-1-08
Lease Hazen	Well # 2-13	
Field Order # 18983	Station Pratt	Casing 4 1/2
Type Job CNW - 4 1/2 L.S.	Depth 5600	County Clark
	Formation	State KS
		Legal Description 13-34-21

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 4 1/2	Tubing Size	Shots/Ft	2655sk	Acid AA2 1.45 yield		RATE	PRESS	ISIP
Depth 5600	Depth	From	To	Pre Pad		Max		5 Min.
Volume 89	Volume	From	To	Pad		Min		10 Min.
Max Press	Max Press	From	To	Frac		Avg		15 Min.
Well Connection	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth 5587	Packer Depth	From	To	Flush 89		Gas Volume		Total Load

Customer Representative Rob Hong	Station Manager Dave Scott	Treater Steve Orlando
Service Units 27283 19889/19841 19826 19860		
Driver Names Orlando Lesley Bobo/McGraw		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
7:30 PM					On location - Safety Meeting
					Run 1 1/2 4 1/2 Casing Basket
					Centralizers
					Break Circ @ 2000' + 4000'
					Casing on Bottom - Break Circ w/line
3:45					Circulate on Bottom 2 hrs
5:55	300		12	5	Super flush
5:57	300		3	5	H2O Spacer
5:58	250		9	5	Mix 255sk @ 12#/gal
6:00	250		55	5	Mix 2155sk AA2 @ 15#/gal
					Shut Down - Clear pump + Line
					Release plug
6:15	0		0	7	Start Displacement
6:21	300		40	6	Lift pressure
6:27	600		79	5	Slow Rate
6:30 AM	1500		89	4	Plug Down - Hold
			4/3		Plug RH + hold w 25,000 AA2

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PROTECTION 2 1/2 W TO R/L 85 W/15 IN 0 1/2
To 469



TREATMENT REPORT

Customer F. G. HOLL	Lease No.	Date 9/25-08
Lease HAZEN	Well # 2-13	
Field Order # 19200	Station PRAH	Casing 13 3/8
Type Job CNW 13 3/8 conductor	Depth	County CLARK
	Formation	State KS
		Legal Description 13-34-21

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
13 3/8								
Depth 249'	Depth	From	To	Pre Pad	Max			5 Min.
Volume 36	Volume	From	To	Pad	Min			10 Min.
Max Press 500	Max Press	From	To	Frac	Avg			15 Min.
Well Connection P.C.	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth 234'	Packer Depth	From	To	Flush	Gas Volume			Total Load

Customer Representative	Station Manager DAVE SCOTT	Treater Robert Sullivan
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Service Units	19867	19959	20920	19826	19860				
Driver Names	Sullivan	Melson		Bolos	McGlow				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0100 AM					ON LOC Saty meeting FEB 19 2009
					CONFIDENTIAL
					Run 5 JTS 13 3/8 conductor
0250					CASING ON BOTTOM
0305					Hook Rig Break circ.
0320	150		19	4	Start cmt 60 sk A-cod
			48	4	Start Test 200 sk com 2% gel 3% cc
0335					Start Deep lost circ
0345			36		plug down
				1.5	1" TOP with 60' 1" 75 sk A-cod
			20		cmt to surface seller STAYING
					Full
0430					Job Complete

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