CONFIDENTIAL

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

F. 0.5.6	ONIONAL
Operator: License # 5056	API No. 15 - 009-24883-00-00
Name: F.G. Holl Company, LLC	County: Barton County, Kansas. 21' S. & 29' E.
Address: 9431 E. Central - Suite 100	W/2 SW SE Sec. 21 Twp. 20 S. R.14 East West
City/State/Zip: Wichita, Kansas 67206	feet from S N (circle one) Line of Section
Purchaser: None	2281 feet from E W (circle one) Line of Section
Operator Contact Person: Franklin R. Greenbaum	Footages Calculated from Nearest Outside Section Corner:
Phone: (<u>316</u>) <u>684-8481</u>	(circle one) NE SE NW SW
Contractor: Name: <u>Duke Drilling Co., Inc.</u>	Lease Name: Knopland Well #: 1-21
License: 5929	Field Name: Dundee
Wellsite Geologist: Jim Musgrove	Producing Formation: None
Designate Type of Completion:	Elevation: Ground: 1895 Kelly Bushing: 1903
X New Well Re-Entry Workover	Total Depth: 3735 Plug Back Total Depth:
— Oil — SWD — SIOW — RECEIVED	Amount of Surface Pipe Set and Cemented at 820 Feet
Gas ENHR SIGW	
X Dry Other (Core, WSW, Expl., Cath DECete) 6 2005	Multiple Stage Cementing Collar Used? If yes, show depth setFeet
H Worksyor/De entry Old Well total and the	·
Operator: KCC WICHITA	If Alternate II completion, cement circulated fromsx cmt.
Well Name:	reet depth tosx cmt.
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan ALT I WHAM PER
Deepening Re-perf Conv. to Enhr/SWD	(Data must be collected from the Reserve Pit) 3-9-07
Plug BackPlug Back Total Depth	Chloride content 25,000 ppm Fluid volume 100 bbls
	Dewatering method used Hauled free fluids to disposal
Commingled Docket No Dual Completion Docket No	Location of fluid disposal if hauled offsite:
	Operator Name:John J. Darrah
Other (SWD or Enhr.?) Docket No	Lease Name: ANSHUTZ SWD License No.: 5088
T1-01-05 Spud Date or Recompletion Date 11-12-05 Date Reached TD Recompletion Date 11/13/2005 Completion Date or Recompletion Date	Quarter Sec. 15 Twp. 21 S. R. 14 East West County: D-17,893
Information of side two of this form will be held confidential for a period of the state of the	the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, or or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 2 months if requested in writing and submitted with the form (see rule 82-3-and geologist well report shall be attached with this form. ALL CEMENTING Submit CP-111 form with all temporarily abandoned wells.
nercan are complete and correct to the best of my knowledge.	te the oil and gas industry have been fully complied with and the statements
Franklin R. creenbaum	
Signature:	KCC Office Use ONLY
Title: <u>Exploration Manager</u> Date: 12/09/2005	Letter of Confidentiality Attached
Subscribed and sworn to before me thisday of	05 If Denied, Yes Date:
19 Bettet ON Sortium 1	Wireline Log Received
Notary Public Betty H. Spotswood A Notary Public - State	Geologist Report Received
PETTY H SPOTS	
Date Commission Expires: 04/30/2 My Appointment Expires 4	

Operator Name:I	G. Holl Comp	oany, LLC	Leas	se Name:_	Knop		Well #:	1–21
Sec. 21 Twp. 20	S. R. <u>14</u>	☐ East ₩est	Cour	nty:I	Barton Co	unty, Kans	as	
NSTRUCTIONS: Sho ested, time tool open emperature, fluid reco Electric Wireline Logs	and closed, flowing a every, and flow rates i	and shut-in pressures, f gas to surface test,	, whether along with	shut-in pres	ssure reached	static level, hydr	rostatic pressur	es, bottom hole
Orill Stem Tests Taken (Attach Additional S		☑ Yes ☐ No		Σιο	og Format	ion (Top), Depth	and Datum	Sample
Samples Sent to Geole	ogical Survey	Yes No		Name)		Тор	Datum
Cores Taken		☐ Yes 🕌 No		Sec	e attachm	ent		
lectric Log Run (Submit Copy)		∑ Yes ☐ No						
ist All E. Logs Run:								
		CASING Report all strings set-	RECORD	74 <u>7</u>		tion, etc.		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)		eight . / Ft.	Setting Depth	Type of Cement	# Sacjs Used	Type and Percent Additives
Surface.	12-1/4"	8-5/8"	25	5#	820' A-Con		210 125	
	<u> </u>	ADDITIONAL	CEMENT	ING / SOUE	EZE RECORD			
Purpose: —— Perforate —— Protect Casing —— Plug Back TD —— Plug Off Zone	Depth Top Bottom	Type of Cement		s Used	EZZE NEGONE		Percent Additives	
Shots Per Foot	PERFORATION Specify Foot	RECORD - Bridge Plug lage of Each Interval Perl	s Set/Type			cture, Shot, Cemen		l Depth
UBING RECORD	Size	Set At	Packer /	A1 I	Liner Run	Yes No		
ate of First, Resumerd Pe	roduction, SWD or Enhr.	Producing Meth	,	Flowing	Pumpin		t 🔲 Other	(Explain)
stimated Production Per 24 Hours	Oil Bbls	. Gas I	Mcf	Water	Bt	vis. G	as-Oil Ratio	Gravity
sposition of Gas	METHOD OF COM	PLETION		F	roduction Interv	ral	· ·	
Vented Sold [Used on Lease ACO-18.)	Open Hole Other (Specify	Perf.	. Dua	illy Comp.	Commingled		

KNOPLAND NO. 1-21 BARTON COUNTY, KANSAS

CONFIDENTIAL

Sample Tops	Sample Top	Datum	E-Log Tops	Datum
Herrington	1785	+118	1781	+122
Winfield	1842	+61	1831	+72
Towanda	1908	-5	1901	+2
Ft. Riley	1942	-39	1941	-38
Florence	2000	- 97		
B/Florence	2090	-137		
Wrefold	2091	-188		
Council Grove			2112	-109
Cottonwood			2231	-328
Neva			2277	-374
Red Eagle	2351	-448	2340	-437
Wabausee			2511	-608
Tarkio			2645	-742
Elmont	2704	-801		
Howard			2781	-878
Severy Shale	2820	-917		
Topeka	2825	-922	2845	-942
Elgin Ss				
Heebner	3185	-1282	3187	-1284
Toronto			3201	-1298
Douglas Shale			3220	-1317
Brown Lime			3288	-1385
Lansing	3301	-1398	3298	-1395
BKC			3518	-1615
Marmaton				
Conglomerate			3528	-1625
Conglomer ss			3547	-1644
Arbuckle			3567	-1664
RTD				

RECEIVED
DEC 1 6 2005
KCC WICHITA

CENTRAL.

TREATMENT REPORT

OC.					•	Custo	mer I		(A) (B) (B) (B) (B) (B) (B) (B) (B) (B) (B		De	te									
					î.	Custo	G		LL Com	PANY		11-3	-05								
SERVICES L			L C		Logse	KN	OP		3 m l		Ree No.		Well # _ 2 /								
Field Order 8 Station ++			- K	2	. * * · ·		٠.,	Casing S		01	182	unty Arten	ر	1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1	State	S					
Type Job/8	<u>. 7</u>	UW		· .	* * * * *		Formation 1	vell	\$ ·	•	Legal Desc	ription 205 - /9	1 11								
PIP	E DATA	PE	RFORA	ring i	DATA		F	LUID USED			:		IT RESUM								
Casing Size Tubing Size			Shots/Ft			12 H	SAL	Acid A-Can	3%cc.	30/26 70/26			PRESS	ISIP							
Dopth Dopth		From To			1 6.06	14%	Pre Pad	on-2905	Mex	c 1/4 to	115	metsolite 14 Eell Flat 5 Min.									
Volume Volume		From	,	То	//		Pad	<u> </u>	۷.,.	Min	<u> </u>	Lettin	10 Min.								
Max Pross Max Pross		330	From		To			Frac			Avg		1	15 Min.							
Well Connect	on Annulus	s Vol.	From		To		\dashv						Annulus Pressure								
Plug Depth	Packer	Depth			То		Flush /		water	Gas V	olume	Total Load									
Customer/Rep	prosentative	: D#				itation N	Manag	e Sco			1	regiter	F. Werth								
Service Units		<i>-</i>	DHENS			227		305	572	<u> </u>	$\neg \vdash$	Muen 1. Wa		1		_					
Time	Casing Pressure		ubing	125 Bbls. F	umped	<u> </u>		Rate	3/2	i	<u>L</u>	Servic	ی ر وما م	ke H	<u></u>						
2000									on La	4	440										
2200					·	·			start			lole w	_	V	1(//-) · ·					
2300									Start Csg. 85/8"												
1230							,		csq @ 820' Hookup +ciew/ Rig.												
1240									HOOKU	p to		, ,		10 s K	,						
1245	<u> </u>	ļ		9	6			5	5 Start mixing cut. 210sks 100												
	200		30					<u>ح</u>	Start mixing 1253Ks common												
		-				_			Fin mixing cmt.												
		<u> </u>							Release Top Kubber Plug.												
	200	ļ						5	STAL												
	400	ļ						5	Lift PSF 40 BBIS out												
0140		-		51					Plug) @							
		-		· 					WASH	سه	Eg	uip.	+ RA	cky	۶.						
0215		<u> </u>			RE(CEN	/EI)	-105	Con	npl	ete.									
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1024	4 NE Hi	vav f	61 • P	O. Box	8613	} • Pı	ratt	KS 671	24-8613 • F		(620)	672-120	1 • Eav	(620) 672	-538	3					
							للت				(OEO)	VII.5 V.5		<u> </u>		_					



Mud-Co / Service Mud Inc.

Operator	FG Holl						County	nty Barton State					Pump	6	х	14	х	60	SPM	Casing F	rogram	8 5/8	. @	820	ft.
Well	Knop #1-21					Location						GPM	GPM		7.8	ВРМ				· @		ft.			
Contract	or .	Duke	#8				Sec	21	TWP	20S	RNG	14W	D.P.	4.5	in.			191	FT/MIN R.A				· @		n.
Stockpoint Pratt, Ks. Date 11/1/2005		Engineer		•	lughes			-	6.25	•	494	A		FT/MIN R.A			Total Depth	· -		ft.					
0.00.p0.	· ···		110.	-		72000	Lingilicoi		THORT	idgiics			Collar _	0.20	."" -	707	-'''		· 1/////// 1	•		rotal Depth	_	3/33	14.
DATE	DEPTH	WEIGHT		VISC	DSITY	GELS	рН	FILTR	ATIORILTI	NA NOITAS	ALYSIS		SAND		RET	ORT	L.C.M.	Pump	CUMULATIVE						\neg
	feet	ib/gal	Sec API	PV	Υp	10 sec /	Strlp_	ml	Cake	Pres.	CI	Ca	%	Solids Oil Water				Press.	COST	REMARKS AND TREATMENT					
4444			@F	@F		10 min.	Meter _	API	32nds	#/BBL	ppm	ppm		%	%	%		ar approximately	.62.0000.						_
11/1 11/2	257	10.1	50															L		RURT					_
11/3	820	10.1	50								200	240					1	ľ		Drlg WOC					
11/4	1700	8.8	84	15	45	26/36	7.0	7.2	1		12m	Hvy	-	2.8	H	97.2		-			Dienlace w	ith starch @	1700'		
11/5	2138	9.3	39	7	18	23/27	7.0	18.6	4		19m	Hvy		5.6		94.4		,	≪			1820, #2 @		misrun	\dashv
11/6	2520	8.5	45	12	11	12/19	11.5	9.2	1		1,800	20		1.4	\vdash	98.6		- (<u>()</u>	2005			ol, #3 @ 238			<u>-</u>
11/7	2857	9.2	46	12	10	10/47	11.0	8.8	1		2,700	30		6.3		93.7		CEIVE		Drlg	00	<u> </u>			\neg
11/8	3355	9.3	49	12	8	12/42	10.5	8.8	1		4,100	40		6.9		93.1					rip. DST#				ヿ
11/9	3500	9.4	42	8	8	9/41	11.0	10.2	1		5,500	40		7.5		92.5					DST #5 @	3564			
11/10	3579	9.4	50	15	11	12/35	10.0	9.2	1		6,100	70		7.4		92.6					I/DST 6	DST #7 @			
11/11	3608	9.3	46	13	9	10/46	10.0	8.8	1		6,400	60_		6.8	L	93.2	2	. OS		TOH w		DST #9 @	3620		
11/12	3634	9.3	46	11	10	9/36	10.5	9.2	1		6,700	40		6.4	<u> </u>	93.6	2		2		/DST 10				
11/13	3735							·									L	,		RDRT					_
				<u> </u>													ļ			LTD 37	′34				_
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		Materials		Sacks		Amount			Mate	rials		Sa	acks	Amount			l	Ą	mount						
ı	MUD-CO	/ SER	VICE M	IUD INC	; .	C/S HUL				60			SUPE					16		337.60					
				•	•	CAUSTI	C SODA	١				X-CIDI	E 102W				1		291.49						
		S. Main				DESCO				2															
•		ichita, k				DRILL P	AK			6											T-4-1 NA -4				
3	16/264-2	:014 F	ax: 316/	ı∠04-5Ü		LIME PREMIL	IM GE!			533	3										Total Mud				
						SALT C				5	_										Trucking (
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				·•		SODA A				26							 				. 4.00				
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