## KANSAS CORPORATION COMMISSION RIGINAL

OIL & GAS CONSERVATION DIVISION

## Form ACO-1 September 1999 Form Must Be Typed

CONSERVATION DIVISION WICHITA, KS

## **WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Operator: License # 5056	API No. 15 - 009-24,889-0001					
Name: F.G. Holl Company, L.L.C.	County: Barton. 70' N. & 20' W. of					
Address: 9431 E. Central, Suite 100	C - S2 - SE - SW Sec. 33 Twp. 20 S. R. 14 ☐ East ✓ West					
City/State/Zip: Wichita, Kansas 67206	400 feet from S/ N (circle one) Line of Section					
Purchaser: NCRA	2000 feet from E /(W)(circle one) Line of Section					
Operator Contact Person: Franklin R. Greenbaum	Footages Calculated from Nearest Outside Section Corner:					
Phone: (316 ) 684-8481, Ext. 206	(circle one) NE SE NW SW					
Contractor: Name: Duke Drilling Company, Inc., Rig #8	Lease Name: KIRKMAN "A" "OWWO Well #: 1-33					
License: 5929	Field Name: Bart-Staff Producing Formation: LKC					
Wellsite Geologist: Bill Ree						
Designate Type of Completion:	Elevation: Ground: 1912' Kelly Bushing: 1920'					
New Well Re-Entry Workover ;	Total Depth: 3650' Plug Back Total Depth: 3520'					
✓ Oil —— SWD —— SIOW —— Temp. Abd.	Amount of Surface Pipe Set and Cemented at 815 Feet					
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?					
Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet					
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from					
Öperator: F.G. Holl Company, L.L.C.	feet depth to					
Well Name: KIRKMAN "A" NO. 1-33	leet deput to					
Original Comp. Date: 01/03/2006 Original Total Depth: 3650'	Drilling Fluid Management Plan OwwO AIT I NCC (Data must be collected from the Reserve Pit) 10-10-08					
Deepening	Chloride content 41,000 ppm Fluid volume 500 bbls					
Plug BackPlug Back Total Depth	Dewatering method used Hauled free fluids to SWD					
Commingled Docket No.						
Dual Completion Docket No	Location of fluid disposal if hauled offsite:					
Other (SWD or Enhr.?) Docket No	Operator Name: John J. Darrah Oil					
RU: 4/16/2008 12/19/2005 RD: 4/24/2008	Lease Name: ANSHUTZ SWD License No.: 5088					
Spud Date or Recompletion Date  Date Reached TD Recompletion Date  Completion Date or Recompletion Date	Quarter NE Sec. 15 Twp. 21 S. R. 14 ☐ East ✓ West   County: Stafford Docket No.: D-17,893					
Kansas 67202, within 120 days of the spud date, recompletion, worked information of side two of this form will be held confidential for a period of	th the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, ver or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 12 months if requested in writing and submitted with the form (see rule 82-3-s and geologist well report shall be attached with this form. ALL CEMENTING s. Submit CP-111 form with all temporarily abandoned wells.					
All requirements of the statutes, rules and regulations promulgated to regulate and connect to the best of my knowledge.  Franklin R Greenbaum	late the oil and gas industry have been fully complied with and the statements					
Signature: 00/09/2009	KCC Office Use ONLY					
Exploration Manager 09/08/2008 Title:	Letter of Confidentiality Received					
Subscribed and sworn to before me this 8th day of September,	2008 If Denied, Yes Date:					
The State of Kansas: Sedgwick County	Wireline Log Received					
20 - 130th (1 500 stepo)	Geologist Report Received KANSAS CORPORATION COMM					
Notary Public: Betty H. Spotswood Notary Public	lic - State of Kansas UIC Distribution					
/Date Commission Expires: 4/30/2010 BETTY H	SEP 0 9 2008					

My Appointment Expires

	6. Holl Company, L.I				KIRKMAN "A"		Well #:1-33	· · · · · · · ·	·
ec. 33 Twp. 2	S. R. 14	East West	Count	ty: Barton	n. 70' N. & 20' W	, of	······································		
ested, time tool ope emperature, fluid re	n and closed, flowin covery, and flow rate	and base of formations g and shut-in pressures if gas to surface test, final geological well site	, whether s along with	hut-in pr	essure reached	l static level, hydr	ostatic pressure	s, botto	m hole
Drill Stem Tests Taken  (Attach Additional Sheets)  Samples Sent to Geological Survey  ✓ Yes □ No		<b>∑</b> t		Log Formation (Top), Depth		-		] Sample	
			Nam	10		Тор		Datum	
Cores Taken		☐ Yes 🗸 No							
lectric Log Run (Submit Copy)		✓ Yes  No							
ist All E. Logs Run:									
DIL/MEL/BHO CNL/CDL	os								
		CASING Report all strings set	RECORD -conductor, s	✓ N surface, int		ction, etc.		M1 4 101 1 101	
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)		ight ./Ft.	Setting Depth	Type of Cement	# Sacks Used		and Percent dditives
Surface	12-1/4"	8-5/8"	24#		815'	A-Con	210sx		
						Common	125sx		
Production	7-7/8"	5-1/2"	15.5#		3649'	AA-2	100sx		
Purpose:	Depth		1		UEEZE RECOR	· · · · · · · · · · · · · · · · · · ·		- <del></del>	
Perforate Protect Casing Plug Back TD Plug Off Zone	Top Bottom	Type of Cement	#Sacks	s Used		Type and	Percent Additives		
Shots Per Foot	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				Depth
spf 3435' - 3441' LKC				Treat w/ 500 gal 15% NEFE acid					
								R	ECEIVED
CIBP @ 3520'							KANS		PORATION COM
								SEP	0 9 2008
						· · · · · · · · · · · · · · · · · · ·		CONSE	RVATION DIVISA
TUBING RECORD	Size 7/8"	Set At	Packer /	At	Liner Run	Yes 🗸 No	)	**	winin, no
Date of First, Resumer 4/25/2008	d Production, SWD or I	· · · · · · · · · · · · · · · · · · ·	ethod	Flowin	g 📝 Pump	ing Gas Li	ft Othe	r (Explain)	· · · · · · · · · · · · · · · · · · ·
Estimated Production Per 24 Hours	Oil ~20	Bbls. Gas	Mcf	Wat	er I	3bls.	Gas-Oil Ratio		Gravity
Disposition of Gas	METHOD OF	COMPLETION		-	Production Inte	rval	The state of the s		
Vented Sold	Used on Lease	Open Hole		f. 🔲 l	Dually Comp.	Commingled	3435' - 3441' L	кс	

## KIRKMAN "A" NO. 1-33 BARTON COUNTY, KANSAS

Sample Tops	Sample Top	Datum	E-Log Tops	Datum
Anhydrite				
Herrington	1764	+156	1763	+157
Winfield	1813	+107	1817	+103
Towanda			1886	+34
Ft. Riley	,		1930	-10
Florence				
B/Florence			2030	-110
Kinney				
Wrefold				
Council Grove			2092	-172
Bader				
Cottonwood			2199	-279
Neva			•	
Red Eagle			2320	-400
B/Red Eagle	2354	-434	2353	-433
Foraker	2427	-507	2427	-507
Onaga Shale			2477	-557
Wabausee	2498	-578	2495	575
Root Shale	2552	-632	2554	-634
Langdon Sand				
Stotler	2621	-701	2620	-700
Willard Shale				
Tarkio/Elmont	2685	-765	2685	-765
Howard	2824	-904	2824.5	-904.5
Severy				
Topeka	2898	-978	2896	-976
Heebner			3173	-1253
Douglas Sh.			3203	-1283
Brown Lime	3275	-1355	3275	-1355
LKC	3285	-1365	3284	-1364
LKC "G"			3366	-1446
BKC			3502	-1582
Marmaton			3507	-1587
Arbuckle	3543	-1623	3544	-1624
RTD			3650	-1730

RECEIVED KANSAS CORPORATION COMMISSION

SEP 0 9 2008