KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

ORIGINAL Form ACO-1 October 2008 Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #5056	API No. 15 - 185-22,690 -06-02				
Name: F.G. Holl Company, L.L.C.	Spot Description:				
Address 1: 9431 E. Central, Suite 100	SE_NW_SE_Sec. 18 Twp. 21 S. R. 11				
Address 2:					
City: Wichita State: KS Zip: 67206 +	1650 Feet from East / West Line of Section				
Contact Person: Franklin R. Greenbaum	Footages Calculated from Nearest Outside Section Corner:				
Phone: (316) 684-8481, Ext. 206	□NE □NW ☑SE □SW				
CONTRACTOR: License # Sterling Drilling Company - 5142	County: Stafford				
Name: Duke Drilling Company Inc5929	Lease Name: RADER "OWWO" Well #: 3-18				
Wellsite Geologist: Bryce Bidleman	Field Name: Sandago				
Purchaser: NCRA	Producing Formation: Lansing-Kansas City & Arbuckle				
Designate Type of Completion:	Elevation: Ground: 1801' Kelly Bushing: 1810'				
New Well Re-Entry Workover	Total Depth: 3635' Plug Back Total Depth:				
✓ Oil SWD SIOW	Amount of Surface Pipe Set and Cemented at:Feet				
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? ☐ Yes ☑ No				
CM (Coal Bed Methane) Temp. Abd.	If yes, show depth set:				
Dry Other	If Alternate II completion, cement circulated from:				
(Core, WSW, Expl., Cathodic, etc.) If Workover/Re-entry: Old Well Info as follows:	feet depth to:w/sx cmt.				
Operator: F.G. Holl Company, L.L.C.	0 14 7 40				
Well Name: RADER "OWWO" 3-18	Drilling Fluid Management Plan OWO- Alt I NQ (Data must be collected from the Reserve Pit)				
Original Comp. Date: 08/01/1990 Original Total Depth: 3635'	Chloride content: ppm Fluid volume: bbls				
Deepening Re-perf Conv. to Enhr Conv. to SWD	Dewatering method used:				
Plug Back: Plug Back Total Depth					
✓ Commingled Docket No.:	Location of fluid disposal if hauled offsite:				
Dual Completion Docket No.:	Operator Name:				
Other (SWD or Enhr.?) Docket No.:	Lease Name: License No.:				
RU:03/29/2010 07/01/1990 RD:04/06/2010	Quarter Sec TwpS. R				
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	County: Docket No.:				
INSTRUCTIONS: An original and two copies of this form shall be filed with Kansas 67202, within 120 days of the spud date, recompletion, workover or copies of side two of this form will be held confidential for a period of 12 months if requirality in excess of 12 months). One copy of all wireline logs and geologist we BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 for	ponversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information guested in writing and submitted with the form (see rule 82-3-107 for confidensell report shall be attached with this form. ALL CEMENTING TICKETS MUST				
All requirements of the statutes, rules and regulations promulgated to regulate the are complete and correct to the best of my knowledge. Franklin B. Streenbaum	he oil and gas industry have been fully complied with and the statements herein				
Signature: Finds Kit Out	KCC Office Use ONLY				
Title: Exploration Manager Date: 04/26/2010	Letter of Confidentiality Received				
Subscribed and sworn to before me this 26th day of April, 2010) If Denied, Yes Date:				
State of Kansas, Sedowick County	Wireline Log Received				
POLITY HE STOCKED	Geologist Report Received				
Notary Public:	UIC Distribution				
BETTY H. S	Letter of Confidentiality Received If Denied, Yes Date: Wireline Log Received Geologist Report Received UIC Distribution State of Karless POTSWOOD Ites 4-30-70				

Side Two

Operator Name: F.G. Holl Company, L.L.C.			Lease Nam	e: RADER "OW	Well #: _3-1	Well #: 3-18		
	S. R. 11		County: S	County: Stafford				
time tool open and c recovery, and flow ra	losed, flowing and shu	nd base of formations po ut-in pressures, whether est, along with final char report.	shut-in pressure	reached static level	, hydrostatic pre	essures, bottom l	nole temperature, fluid	
Drill Stem Tests Taken (Attach Additional Sheets) ✓ Yes No		[✓ Log Formatio	on (Top), Depth	and Datum Sample			
Samples Sent to Geological Survey		☑ Yes ☐ No		lame ee original		Top Datum		
Cores Taken Electric Log Run (Submit Copy)		Yes No		,	•			
List All E. Logs Run:								
DIL/ML/CDL	/CNL							
				New ☑Used , intermediate, produc	tion, 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	12-1/4"	8-5/8"	23#	274'	60/40Poz	225sx	2% gel, 3%cc	
Production	7-7/8"	5-1/2" .	14#	3627'	Lite	50sx	Gilsonite	
						125sx		
p		ADDITION	AL CEMENTING /	SQUEEZE RECORD				
Purpose: —— Perforate —— Protect Casing —— Plug Back TD —— Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks Used	. Type and Percent Additives				
Shots Per Foot	PERFORATI Specify		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth					
	5' - 3358' LKO	3358' LKC 1000 gal 15% NEFE		acid				
·				1500 gal 1	1500 gal 15% NEFE acid			
	3505' - 3525', 3480'	' - 3488', 3490'-3498', 3	3542'-3546' Arbud	kle Retreat old	zone w/ 1500) gal 15% NEI	E acid	
	CIBF	P @ 3535'						
TUBING RECORD: 2-	Size: -7/8"	Set At:	Packer At:	Liner Run:	Yes 🗸	No		
-Date-of-Eirst,-Resumed 04/07/2010	-Production, SWD or En	hr. Producing Me	ethod: Fid	wing 🔽 Pumpi	ng Gas	Lift Oth	er (<i>Explain</i>)	
Estimated Production Per 24 Hours	Oil 20	Bbls. Ģas	Mcf	Water E	bls.	Gas-Oil Ratio	Gravity	
DISPOSITI	ON OF GAS:		METHOD OF COM	IPLETION:		PRODUCTION	ON INTERVAL:	
۸ ا			_/	Dually Comp. Commingled 3326' 3355' LKC OA				
(If vented, Submit ACO-18.) Other (Specify) 3480-355Arbuckle OA							uckle OA	