

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

ORICIMAL

Form ACO-1 September 1999 Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 6280	API No. 15 - 167-23242-00-00						
Name: HK & W Oil							
Address: P.O. Box 1851	County: Russell O'S + 1 + 0' U						
City/State/Zip: Salina, Kansas 67402-1851	3290 feet from N (circle one) Line of Section						
Purchaser: NCRA RECEIVED	470 feet from (W (circle one) Line of Section						
Operator Contact Person: George Rice MAY 1 9 2004	Footages Calculated from Nearest Outside Section Corner:						
Phone: (785) 653-4979	(circle one) NE SE NW SW						
Contractor: Name: Vonfeldt Drilling, Inc. KCC WICHITA	Lease Name: Karlener KARLEEN Well #: 8						
License: 9431	Field Name: Hall-Gurney						
Wellsite Geologist: Randy Kilian	Producing Formation:						
Designate Type of Completion:	Elevation: Ground: 1800' Kelly Bushing: 1805'						
✓ New Well Re-Entry Workover	Total Depth: 3275 Plug Back Total Depth:						
✓ OilSIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 486 Feet						
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? Yes ✓ No						
Dry 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						
Operator:	feet denth to w/ sx cmt						
Well Name:							
Original Comp. Date:Original Total Depth:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)						
Deepening Re-perf Conv. to Enhr./SWD	Chloride content 38000 ppm Fluid volume 400 bbls						
Plug Back Total Depth	Dewatering method used Allow to dry and backfill						
Commingled Docket No	Location of fluid disposal if hauled offsite:						
Dual Completion Docket No	•						
Other (SWD or Enhr.?) Docket No	Operator Name:						
1/14/04 1/20/04 1/20/04	Lease Name: License No.:						
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West						
Recompletion Date Recompletion Date	County: Docket No.:						
Kansas 67202, within 120 days of the spud date, recompletion, workove Information of side two of this form will be held confidential for a period of 1	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.						
All requirements of the statutes, rules and regulations promulgated to regular herein are complete and correct to the best of my knowledge.	te the oil and gas industry have been fully complied with and the statements						
Signature: Duri Melt	KCC Office Use ONLY						
Title: Accountent Date: 5/17/04	Letter of Confidentiality Attached						
Subscribed and sworn to before me this 17th day of May	If Denied, Yes Date:						
2004.	Wireline Log Received						
	Geologist Report Received						
Notary Public: Tat Mecles	UIC Distribution						
Date Commission Expires: October 30, 2006							
PAT HECKER Notary Public - State of Kansas My Appt. Expires 10 30 0 6							

Side Two

Operator Name: H	K & W Oil		Lease Name	. Karlen e <i>k</i>	ARLEGA	_ Well #;	8		
Sec. 28 Twp. 1	5 S. R. 12	☐ East ✓ West	County:	Russell					
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 X Yes No (Attach Additional Sheets) Report Attached			none a processor	☑Log Formation (Top), Depth and Datum ☑Sample					
Samples Sent to Geological Survey			Na	Name SeeGGeologist Report Attached Datum					
Cores Taken ☐ Yes ☒ No Electric Log Run ☒ Yes ☐ No (Submit Copy) ☐ No									
List All E. Logs Run: 1/20/04 - Eli Wireline Services Attached									
	h with a PAPA day also manakamah and dahan ay an tang mangan dahan anan	CASING Report all strings set-c	. / / /	New Used	ation, etc.				
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Gement	# Sacks Used	Add	nd Percent ditives	
Surface	121/4	8 5/8	24	486	Common	240	2% GEI 3% CC	L	
Broduction Casing	7.7/8	5½	15½	3,274	ACSC	175	3 SK (1,053	GEL # SALT	
		ADDITIONAL	CEMENTING / S	QUEEZE RECORI)				
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	ot 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					
2 3218 TO 3221				500 gal 15% N E Acid					

TUBING RECORD	Size 2 7/8	Set At 3215	Packer At None	Liner Run	Yes ∀X No				
Date of First, Resumerd Production, SWD or Enhr. 2/10/04 Producing Method Flowing X Pumping Gas Lift Other (Explain)									
Estimated Production Per 24 Hours		Bbls. Gas	Mcf Wa		Bbls. G	es-Oil Ratio		Gravity	
Disposition of Gas	45 METHOD OF C	— — — OMPLETION		250 41 Production Interval					
Vented Sold	Used on Lease	Open Hole Other (Speci	χ Perf.	Dually Comp.	Commingled				