

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1170016

Form ACO-1 June 2009 Form Must Be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No. 15					
Name:	Spot Description:					
Address 1:						
Address 2:	Feet from North / South Line of Section					
City: State: Zip:+	Feet from East / West Line of Section					
Contact Person:	Footages Calculated from Nearest Outside Section Corner:					
Phone: ()						
CONTRACTOR: License #	County:					
Name:	Lease Name: Well #:					
Wellsite Geologist:	Field Name:					
-						
Purchaser:	Producing Formation:					
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:					
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:					
	Amount of Surface Pipe Set and Cemented at: Feet					
Gas D&A ENHR SIGW	Multiple Stage Cementing Collar Used?					
☐ OG	If yes, show depth set: Feet					
CM (Coal Bed Methane)	If Alternate II completion, cement circulated from:					
Cathodic Other (Core, Expl., etc.):	feet depth to:w/sx cmt.					
If Workover/Re-entry: Old Well Info as follows:						
Operator:						
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)					
Original Comp. Date: Original Total Depth:						
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Chloride content: ppm Fluid volume: bbls					
	Dewatering method used:					
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:					
Commingled Permit #:	Operator Name					
Dual Completion Permit #:	Operator Name:					
SWD Permit #:	Lease Name: License #:					
ENHR Permit #:	Quarter Sec TwpS. R East West					
GSW Permit #:	County: Permit #:					
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date						

AFFIDAVIT

I am the affiant and I hereby certify that 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.

Submitted Electronically

KCC Office Use ONLY								
Letter of Confidentiality Received								
Date:								
Confidential Release Date:								
Wireline Log Received								
Geologist Report Received								
UIC Distribution								
ALT I II III Approved by: Date:								

	Side Two	1170016			
Operator Name:	Lease Name:	Well #:			
Sec TwpS. R East _ West	County:				

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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional Sheets)		Yes	No	Lo	•	n (Top), Depth an	d Datum Top	Sample		
Samples Sent to Geological Survey		Yes	No	Nam	Ð			Datum		
Cores Taken Electric Log Run Electric Log Submitted Electronically <i>(If no, Submit Copy)</i>		☐ Yes ☐ ☐ Yes ☐ ☐ Yes ☐								
List All E. Logs Run:										
	CASING RECORD New Used									
Report all strings set-conductor, su					rmediate, product	ion, etc.				
Purpose of String Size Hole Drilled		Size Casing Set (In O.D.)		/eight s. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives		

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: —— Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing Plug Back TD				
Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated)e	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)			Depth
TUBING RECORD: Size: Set At: Packer At:				Liner R	un:	No				
Date of First, Resumed Production, SWD or ENHR. Producing Method: □ Flowing □ Pump				ping	Gas Lift	Other (Explain)				
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Mcf Wate		Bbls.	Gas-Oil Ratio	Gravity
DISPOSITION OF GAS: METHOD OF COMPLE				TION:		PRODUCTION INT	ERVAL:			
Vented Sold Used on Lease				Open Hole Perf. Dually Comp. (Submit ACO-5)				Commingled (Submit ACO-4)		
(If vented, Submit ACO-18.)				Other (Specify)						

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

In the casing record section of the Larrison #5 ACO-1, KOLAR required a numeral between 0 and 1000 to be inserted for "Number of Sacks of Cement", and would not allow any text such as "N/A" or "unknown". We recorded "0" as the number of sacks of cement for the Production row; however, due to the lack of availability of information for the 1973 well, this information is actually "unknown" rather than "0". We had no way to ascertain the number of sacks of cement and no way to write a comment rather than a numeral on the ACO-1, due to KOLAR restrictions. The completion card for the well from 1973 (White Hawk Oil Co. as operator) states that the operator would not release any information.