

Rec'd 12-18-1994 ORIGINAL KCC

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACD-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

API NO. 15- 135-23,5460002  
County Ness  
400' FSL & 400' FEL  
SW Sec. 26 Twp. 16 Rge. 22W

Operator: License # 4767  
Name: Ritchie Exploration, Inc.  
Address 125 N. Market, Suite 1000

400 Feet from S/W (circle one) Line of Section  
3040 Feet from E/W (circle one) Line of Section

City/State/Zip Wichita, KS 67202

Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or S (circle one)

Purchaser: Koch

Lease Name F. Ummel Well # 4

Operator Contact Person: Lisa Thimmesch

Field Name Brownell South

Phone ( 316 ) 267-4375

Producing Formation None

Elevation: Ground 2398 KB 2403

Contractor: Name: \_\_\_\_\_

Total Depth 4450 PBD \_\_\_\_\_

License: **CONFIDENTIAL**

Amount of Surface Pipe Set and Cemented at \_\_\_\_\_ Feet

Wellsite Geologist: \_\_\_\_\_

Multiple Stage Cementing Collar Used? \_\_\_\_\_ Yes \_\_\_\_\_ No

Designate Type of Completion  
\_\_\_\_ New Well \_\_\_\_ Re-Entry  Workover

If yes, show depth set \_\_\_\_\_ Feet

Oil  SWD  SIGW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, VSW, Expl., Cathodic, etc)

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cat.

If Workover/Re-Entry: old well info as follows:

Drilling Fluid Management Plan REWORK 9% 11-15-95  
(Data must be collected from the Reserve Pit)

Operator: Ritchie Exploration, Inc.

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls

Well Name: #4 F. Ummel

Dewatering method used \_\_\_\_\_

Comp. Date 2-91 Old Total Depth 4450'

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back \_\_\_\_\_ PBD  
 Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Other (SWD or Inj?) \_\_\_\_\_ Docket No. \_\_\_\_\_

Operator Name CONFIDENTIAL KCC

Lease Name CONFIDENTIAL DE

9-29-94 9-30-94

Quarter 5 Sec. CONFIDENTIAL Twp. CONFIDENTIAL E/W

Date of START OF WORKOVER \_\_\_\_\_ Date Reached TD \_\_\_\_\_ Completion Date OF WORKOVER \_\_\_\_\_

County FROM CONFIDENTIAL

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature [Signature]  
Title President Date 12/6/94

Subscribed and sworn to before me this 6th day of December, 19 94

Notary Public [Signature]

Date Commission Expires \_\_\_\_\_

LISA THIMMESCH  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 8-29-95

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
(Specify)

Operator Name Ritchie Exploration, Inc. Lease Name F. Ummel Well # 4

Sec. 26 Twp. 16 Rge. 22W  East  West  
 County Ness

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken  Yes  No  
 (Attach Additional Sheets.)  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No  
 Electric Log Run  Yes  No  
 (Submit Copy.)

Log Formation (Top), Depth and Datum  Sample  
 Name Top Datum

List All E.Logs Run:

**CASING RECORD**  New  Used  
 Report all strings set-conductor, surface, intermediate, production, 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

**ADDITIONAL CEMENTING/SQUEEZE RECORD**

Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<input type="checkbox"/> Perforate					
<input type="checkbox"/> Protect Casing					
<input type="checkbox"/> Plug Back TD					
<input type="checkbox"/> Plug Off Zone					

Shots 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
3	4326'-4328' & 4316'-4320'	1000 gal 15% demulsion 20 gal acetic, 2 gal detergent, 5 gal iron seq. 2 gal clay stabilizer	Upper Cherokee Sand

**TUBING RECORD** Size Set At Packer At Liner Run  Yes  No  
 No equipment in hole - well shut down

Date of First, Resumed Production, SWD or Inj. N/A Producing Method TA  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)

**METHOD OF COMPLETION**

Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval None