

CONFIDENTIAL

SIDE ONE

Rec'd 09-08-1994

ORIGINAL

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

Operator: License # 4767

Name: Ritchie Exploration

Address 125 N. Market, Suite 1000

City/State/Zip Wichita, KS 67202

Purchaser: NCRA

Operator Contact Person: Lisa Thimmesch

Phone (316) 267-4375

Contractor: Name: _____

License: _____

Wellsite Geologist: _____

Designate Type of Completion

____ New Well ____ Re-Entry Workover

Oil ____ SWD ____ S10W ____ Temp. Abd.
____ Gas ____ ENHR ____ SIGW
____ Dry ____ Other (Core, WSW, Expl., Cathodic, etc)

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

Operator: Ritchie Exploration

Well Name: Ada #3

Comp. Date 8-85 Old Total Depth 4095

____ Deepening Re-perf. ____ Conv. to Inj/SWD
____ Plug Back ____ PBD
 Commingled Docket No. CO 128512
____ Dual Completion Docket No. _____
____ Other (SWD or Inj?) Docket No. _____

6-27-94

6-30-94

~~DATE~~ Date OF START Date Reached TO
OF WORKOVER

Completion Date OF
WORKOVER

API NO. 15- 195-21,7320001

County Trego

SE SE SW Sec. 4 Twp. 12S Rge. 22W^E

440 Feet from S/N (circle one) Line of Section

3080 Feet from E/W (circle one) Line of Section

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

Lease Name Ada Well # 3

Field Name Rinker

Producing Formation L/KC, Cong, Marmaton

Elevation: Ground 2395 KB 2400

Total Depth 4095 PBD 4086

Amount of Surface Pipe Set and Cemented at 259 Feet

Multiple Stage Cementing Collar Used? ____ Yes ____ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cat.

Drilling Fluid Management Plan REWORK of 2-15-95
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used KCC

Location of fluid disposal if hauled offsite

SEP 7

Operator ~~CONFIDENTIAL~~ **RELEASED**

Lease Name _____ License No. _____

OCT 26 1995

____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____
~~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 9/6/94

Subscribed and sworn to before me this 6th day of Sept. 1994.

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)

Sec. **4** Twp. **12** Rge. **22W**
 East
 West

County **Trego**

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.)

List All E.Logs Run:

Log Formation (Top), Depth and Datum Sample

Name Top Datum

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
Surface	12 1/4"	8 5/8"	24 #	258'	60/40 Poz	200	2% CaCl ₂
Production	7 7/8"	4 1/2"	14 #	4090'	Premium	185	

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
1	4012'-4022'		
2	3878'-80', 3749'-51', 3671'-74.5'	500 gal 15% NE	3749'-51'
3	4069'-4072'	500 gal 15% INS	4069'-72'

TUBING RECORD Size **2 3/8"** Set At **4079'** Packer At **N/A** Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. **6-30-94** Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil **15** Bbls. Gas **0** Mcf. Water **7.5** 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 **3671'-4072' OA**