

CONFIDENTIAL

SIDE ONE

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

API NO. 15- 137-20,3760001

County Norton

ORIGINAL

NE-NE - NW - Sec. 33 Twp. 5S Rge. 22W E

Operator: License # 4767

4950 Feet from S (circle one) Line of Section

Name: Ritchie Exploration, Inc.

2970 Feet from E (circle one) Line of Section

Address 125 N. Market, Suite 1000

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

City/State/Zip Wichita, KS 67202

Lease Name Artha Griffey Well # 1

Purchaser: NCRA

Field Name _____

Operator Contact Person: Lisa Thimmesch

Producing Formation L/KC

Phone (316) 267-4375

Elevation: Ground 2348 KB 2353

Contractor: Name: RELEASED

Total Depth 3900 PBTD 3865

License: 3-23-98

Amount of Surface Pipe Set and Cemented at _____ Feet

Wellsite Geologist: _____

Multiple Stage Cementing Collar Used? Yes No

Designate Type of Completion **FROM CONFIDENTIAL**
_____ New Well _____ Re-Entry X Workover

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sz cat.

Drilling Fluid Management Plan REWORK 9-9-96
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite _____

Operator Name _____

Lease Name _____

Quarter Sec. Twp. S Rng. _____

County _____ Docket No. _____

CONFIDENTIAL
SEP 9-9-96

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

9-6-96
SEP 6 1996

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

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

Operator: Ritchie Exploration, Inc

Well Name: #1 Artha Griffey

Comp. Date 11-91 Old Total Depth 3901

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

6-3-96 6-5-96

DATE OF START Date Reached TD **COMPLETION DATE OF WORKOVER**

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 _____

Title President Date 9/5/96

Subscribed and sworn to before me this 5th day of September 19 96.

Notary Public Lisa Thimmesch

Date Commission Expires _____

LISA THIMMESCH
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 8-29-99

K.C.C. OFFICE USE ONLY	
<input checked="" type="checkbox"/> Letter of Confidentiality Attached	
<input type="checkbox"/> Wireline Log Received	
<input type="checkbox"/> Geologist Report Received	
Distribution	
<input checked="" type="checkbox"/> KCC	<input type="checkbox"/> SWD/Rep <input type="checkbox"/> NGPA
<input type="checkbox"/> KGS	<input type="checkbox"/> Plug <input type="checkbox"/> Other (Specify)

Operator Name Ritchie Exploration, Inc. Lease Name Artha Griffey Well # 1

Sec. 33 Twp. 5 Rge. 22 East West County Norton

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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
List All E.Logs Run:				

CASING RECORD

New Used

Report all strings set-conductor, surface, intermediates, 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
PLEASE KEEP THIS INFORMATION CONFIDENTIAL							

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 - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
3	3624.5'-27 & 3610.5'-12.5'	500 gal 15% NE & 100# Benzoic acid plug	3610-27

TUBING RECORD	Size 2 3/8"	Set At 3836	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
6-5-96				
Estimated Production Per 24 Hours	Oil Bbls. 25.34	Gas Mcf	Water Bbls. 72.14	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: 3610.5'-3627' O.A.