

ORIGINAL SIDE-ONE

RELEASED 10/6/90

JAN 22 1991

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

API NO. 15- 163-23,048 0000

County Rooks FROM CONFIDENTIAL
60' N & 50' W of East
SW NE SE Sec. 27 Twp. 7 Rge. 20 X West

Operator: License # 4767

1710 Ft. North from Southeast Corner of Section

Name: Ritchie Exploration, Inc.

1040 Ft. West from Southeast Corner of Section

Address 125 N. Market, Suite 1000

(NOTE: Locate well in section plat below.)

Lease Name Kollman Well # 1

City/State/Zip Wichita, KS 67202

Field Name WC

Purchaser: n/a

Producing Formation n/a

Operator Contact Person: Jeff Christian

Elevation: Ground 1977' KB 1982'

Phone (316) 267-4375

Total Depth 3490' PBDT n/a

Contractor: Name: Murfin Drilling Co.

License: 6033

Wellsite Geologist: Bob Mathiesen

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp. Abd.

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If OWWO: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

6/23/89 7/03/89 7/03/89

Spud Date Date Reached TD Completion Date

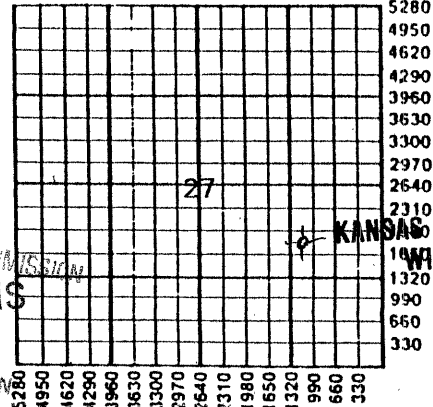
Amount of Surface Pipe Set and Cemented at 223' Feet

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 cmt.



ACT 04 1989

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

ALT II
DEA

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 Vice President Date 10/02/89

Subscribed and sworn to before me this 2nd day of October, 19 89.

Notary Public Linda K. Rice

Date Commission Expires 6/07/92

LINDA K. RICE
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 6-7-92

K.C.C. OFFICE USE ONLY

Letter of Confidentiality Attached

Wireline Log Received

Drillers Timelog Received

Distribution

KCC SWD/Rep NGPA

KGS Plug Other (Specify)

SIDE TWO

Operator Name Ritchie Exploration, Inc. Lease Name Kollman Well # 1

Sec. 27 Twp. 7S Rge. 20 East West
 County Rooks

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.

RELEASED

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.)

(SEE ATTACHED PAGE)

Formation Description

Log Sample

MAY 22 1991
1/22/91
FROM CONFIDENTIAL

Name	Top	Bottom
Anhydrite		1532' (+ 450)
B/Anhydrite		1564' (+ 418)
Topeka		2950' (- 968)
Heebner		3155' (-1173)
Toronto		3178' (-1196)
Lansing		3195' (-1213)
B/KC		3399' (-1417)
Arbuckle		3441' (-1459)
LTD		3492' (-1510)

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

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"	23#	223'	60/40 poz	150	2% gel, 3% CC

PERFORATION RECORD

Shots Per Foot Specify Footage of Each Interval Perforated

Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

TUBING RECORD

Size Set At Packer At

Liner Run Yes No

Date of First Production Producing Method 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 Perforation Dually Completed Conningled
 Other (Specify) _____

Production Interval

ORIGINAL

Ritchie Exploration, Inc.
#1 Kollman
Rooks Co., KS
API# 15-163-23,048
ACO-1
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RELEASED

PLEASE KEEP THIS
INFORMATION
CONFIDENTIAL

JUN 22 1991

FROM CONFIDENTIAL

OCT 04 1989

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

DST #1 from 3147' to 3212'.
(Toronto & Top Zone) Taking.
Recovered 75' of slightly oil cut
watery mud (2% oil, 7% water, 91%
mud).
IFP:105-105#/45"; ISIP:937#/45";
FFP:105-105#/45"; FSIP:884#/45"

DST #2 from 3214' to 3258' (35' &
50' zones). Recovered 200' salt
water
IFP:84-116#/30"; ISIP:1135#/45";
FFP:148-158#/30"; FSIP:1104#/45"

DST #3 from 3305' to 3372' (140',
160' and 180' zones). Recovered
60' of oil cut mud (15% oil)
IFP:67-67#/45"; ISIP:1143#/60";
FFP:76-76#/45"; FSIP:1114#/60"

DST #4 from 3367' to 3455' (200',
220' and Arbuckle).
Recovered 15' of oil cut mud (5% oil).
IFP:95-95#/30"; ISIP:116#/30";
FFP:105-105#/30"; FSIP:116#/30"

RECEIVED
STATE CORPORATION COMMISSION

OCT 06 1989

CONSERVATION DIVISION
WICHITA, KANSAS



Kansas Corporation Commission

MIKE HAYDEN GOVERNOR
KEITH R. HENLEY CHAIRMAN
RICH KOWALEWSKI COMMISSIONER
MARGALEE WRIGHT COMMISSIONER
JUDITH McCONNELL EXECUTIVE DIRECTOR
FRANK A. CARO, JR. GENERAL COUNSEL

CONSERVATION DIVISION
SHARI FEIST ALBRECHT, DIRECTOR
200 Colorado Derby Bldg.
202 W. 1st Street
Wichita, KS 67202-1286
(316) 263-3238

Ritchie Exploration Inc.
125 No. Market, Suite 100
Wichita, Kansas 67202

Re: Kollman #1
Sec 27 TWP 7 Rge 20W
60' N. 150' W. of SW NE SE

An affidavit of completion form (ACO-1) on the above-mentioned well was received on Oct 3, 1989. Technical review finds that ACO-1 to be incomplete. The additional information requested below, or an amended, complete ACO-1, must be submitted by Oct 15, 1989. Failure to complete the ACO-1 as requested will subject the operator to the assessment of a \$100 administrative penalty.

Only current ACO-1 forms will be accepted - form ACO-1 (7-89).

- Operator
Contact Person
Contractor
Wellsite Geologist
Purchaser
Type of Completion
Spud Date
Date Reached TD
Completion Date
Total Depth
Amount of Surface Pipe Set and Cemented
API No.
County
Well Location
Sec. - Twp. - Rge.
Lease Name - Well No.
Producing Formation
Elevations - GR/KB
Affidavit Not Signed
Complete Side Two: (See Sample)
Need letter requesting confidentiality.
Time expired on confidentiality.
[X] Other Drill STEM Test

Kansas Regulation 82-3-107 provides confidentiality, upon written request, for a period of one year. Confidentiality rights are waived if ACO-1's remain incomplete, electric logs, driller's logs, and Kansas Geological Survey requested samples are not supplied within 120 days from well spud date.

Do not hesitate to call the Kansas Corporation Commission, Conservation Division, at (316) 263 - 3238 if there are any questions.

Sincerely,

Janice Martin
Production Department

RECEIVED
STATE CORPORATION COMMISSION
OCT 06 1989
CONSERVATION DIVISION
Wichita, Kansas