

CONFIDENTIAL

SIDE ONE

065-22,298 0001

ORIGINAL

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

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

API No. 15- _____
County Graham
SW - NW - NE - _____ Sec. 13 Twp. 6 S Rge. 22 ^E/_X W

Operator: License # 4767

Name: Ritchie Exploration, Inc.

Address P.O. Box 783188

City/State/Zip Wichita, KS 67278

Purchaser: Koch Oil

Operator Contact Person: Julie Stout

Phone (316) 691-9500

Contractor: Name: Western Well Services

License: _____

Wellsite Geologist: _____

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

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

If Workover/Reentry: Old Well Info as follows:

Operator: Ritchie Exploration, Inc.

Well Name: #2 Ary

Comp. Date 2/25/86 Old Total Depth 3865

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

5-19-97 Spud Date 5-22-97 Date Reached TD Completion Date

4290 Feet from (S) N (circle one) Line of Section
2310 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 Ary Well # 2

Field Name _____

Producing Formation Conglomerate/Toronto/LKC

Elevation: Ground 2284 KB 2289

Total Depth 3865 PBSD 3819

Amount of Surface Pipe Set and Cemented at _____ 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.

Drilling Fluid Management Plan REWORK JK 10-17-97
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Desludging method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name AUG 28

Lease Name _____ License No. _____

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

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 8-18-97

Subscribed and sworn to before me this 18th day of August, 1997.

Notary Public [Signature]

Date Commission Expires July 23, 2001

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)

JULIE K. STOUT
Notary Public - State of Kansas
My Appt. Expires 7-23-2001

ORIGINAL

SIDE TWO

Operator Name Ritchie Exploration, Inc. Lease Name Ary Well # 2

Sec. 13 Twp. 6S Rge. 22 East West
 County Graham

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: None

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

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
		8 5/8"	23 #	250'	60/40 Poz	185	
		4 1/2"	10.5 #	3864'	60/40 Poz	140	

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 SSB	Conglomerate 3776-82	1000 gals 15% NE acid & 55 gals Baker
2 SSB	3584'-3587' + 3687'-3691' 3710'-3714' + 3720.5'-3724' Toronto 3522.5-25.5	S55202 additive
	(3 1/8" gun)	500 gals 28% NE acid

TUBING RECORD Size 2 3/8" Set At 3780 Packer At n/a Liner Run Yes No

Date of First, Resumed Production, SMD or Inj. 5-22-97 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	7		100		

Disposition of Gas: METHOD OF COMPLETION Production Interval
 Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
 (If vented, submit ACO-18.) Other (Specify) _____

CONFIDENTIAL

ORIGINAL

ALLIED CEMENTING CO., INC. 8770

Federal Tax I.D.# [REDACTED]

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: R

DATE <u>5/19/97</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>10:00AM</u>	JOB START	JOB FINISH <u>11:45AM</u>
LEASE <u>Arg</u>	WELL # <u>2</u>	LOCATION <u>Bogue 18-24 Sect. 11N2W</u>			COUNTY <u>Graham</u>	STATE <u>Kan</u>	
OLD OR NEW (Circle one)		<u>1 1/4 S 1/4 W 1/8 N 1/8 W</u>					

CONTRACTOR
TYPE OF JOB Circulating & Testing

HOLE SIZE _____ T.D. _____

CASING SIZE 4 1/2 DEPTH _____

TUBING SIZE 2" DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

EQUIPMENT

177

PUMP TRUCK CEMENTER Dave

_____ HELPER Glen

BULK TRUCK

_____ DRIVER _____

BULK TRUCK

_____ DRIVER _____

OWNER _____

CEMENT AMOUNT ORDERED _____

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE KCC @ _____

_____ @ _____

AUG 28 @ _____

CONFIDENTIAL @ _____

_____ @ _____

HANDLING _____ @ _____

MILEAGE _____ @ _____

TOTAL _____

RELEASED

MAY 06 2000

516-2000
FROM CONFIDENTIAL

REMARKS:

tested tubing & casing -> 800psi
& held. after cir hole.

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____ 550.00

EXTRA FOOTAGE _____ @ _____

MILEAGE 62mi @ 285 176.70

PLUG _____ @ _____

_____ @ _____

_____ @ _____

TOTAL 726.70

CHARGE TO: Ritchie Exploration

STREET P.O. Box 783188

CITY Wichita STATE Kan ZIP 67278-3188

FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE [Signature]

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME

8-29-97