

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

API NO. 15- 071-20708-00-00
County Greeley
130¹N -W/2- SW Sec. 28 Twp. 16 Rge. 41 XW

Operator: License # 4767
Name: Ritchie Exploration, Inc.
Address P.O. Box 783188
Wichita, KS 67278-3188
City/State/Zip Wichita, KS 67278-3188

1450 Feet from (S) (circle one) Line of Section
660 Feet from (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or (SW) (circle one)
Lease Name FTIA Well # 2
Field Name WC

Purchaser: _____
Operator Contact Person: Andrea Perez
Phone (316) 691-9500

Producing Formation NONE
Elevation: Ground 3752 KB 3762
Total Depth 5300 PBDT _____

Contractor: Name: _____
License: _____
Wellsite Geologist: Jeff Christian

Amount of Surface Pipe Set and Cemented at 7 jt @ 313 Feet
Multiple Stage Cementing Collar Used? _____ Yes _____ No
If yes, show depth set _____ Feet

Designate Type of Completion
 New Well _____ Re-Entry _____ Workover _____
_____ Oil _____ SWD _____ SLOW _____ Temp. Abd.
_____ Gas _____ ENHR _____ SIGW _____
 Dry _____ Other (Core, WSW, Expl., Cathodic, etc)

If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

If Workover/Reentry: Old Well Info as follows:
Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____
_____ Deepening _____ Re-perf. _____ Conv. to Inj/SWD
_____ Plug Back _____ PBDT _____
_____ Commingled _____ Docket No. _____
_____ Dual Completion _____ Docket No. _____
_____ Other (SWD or Inj?) _____ Docket No. _____
4/19/99 5/5/99 5/6/99
Spud Date Date Reached TD Completion Date

Drilling Fluid Management Plan PLA 7-27-99 U.C.
(Data must be collected from the Reserve Pit)

Chloride content 23,000 ppm Fluid volume 1480 bbls
Dewatering method used evaporation
Location of fluid disposal if hauled offsite: _____

Operator Name RELEASED
Lease Name DEC 17 2001 License No. _____
_____ Quarter Sec. _____ Twp. _____ S Rng. _____ E/W
County FROM CONFIDENTIAL 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 6/2/99
Subscribed and sworn to before me this 2nd day of June, 19 99.
Notary Public [Signature]
Date Commission Expires January 26, 2002

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)

ANDREA PEREZ
Notary Public - State of Kansas
My Appt. Expires 01/26/02

RECEIVED
JUL 10 4 1999
06-04-99

Operator Name Ritchie Exploration, Inc.

Lease Name FTIA

Well # 2

Sec. 28 Twp. 16 Rge. 41

East
 West

County Greeley

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 Datums Sample
Name Top Datum

See attached sheet

List All E.Logs Run:

Comp. Neutron-Density, PE Log & Dual Induction Log

CASING RECORD <input type="checkbox"/> New <input checked="" type="checkbox"/> 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#	313	60/40 poz	225	2% gel 3% cc

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

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	Producing Method				<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Perf

N-A

Disposition of Gas: METHOD OF COMPLETION

Vented Sold Used on Lease
(If vented, submit ACO-18.)

Production Interval
 Open Hole Perf. Dually Comp. Commingled
 Other (Specify) _____



RITCHIE
EXPLORATION, INC.
Wichita, Kansas

CONFIDENTIAL

ORIGINAL

15-071-20708-00-00

#2 FTIA
1450' FSL & 660' FWL, SW/4
Section 28-16S-41W
Greeley County, Kansas
API# 15-071-20708 0000

KCC

JUN 03 1999

CONFIDENTIAL

Log Tops

Anhydrite	2668	(+1094)
B/Anhy	2694	(+1068)
Topeka	3833	(-71)
Heebner	4071	(-309)
Toronto	4091	(-329)
Lansing	4124	(-362)
Marmaton	4552	(-790)
Upr Cher	4700	(-938)
Lwr Cher	4745	(-983)
Morrow	4973	(-1211)
Mrw Upr Sd	4982	(-1220)
Mrw Mid Sd	5004	(-1242)
Keyes Im	5054	(-1292)
Miss	5150	(-1388)
LTD	5302	(-1540)

DST#1 3855' to 3873' (Topeka)
Recovered 60' of gas in pipe, 30' of slightly gas cut muddy water with scum of oil (5% gas, 30% mud, 65% water), 553' of salt water with oil specks (100% water). 583' of total fluid.
IFP: 23-167#/30" ISIP: 950#/45"
FFP: 174-295#/30" FSIP: 946#/45"

RELEASED

DST #2 4952' to 4986' (Morrow Upper Sand)
Recovered 5' of mud.
IFP: 17-20#/30" ISIP: 22#/30"
FFP: 20-21#/30" FSIP: 25#/30"

DEC 17 2001

DST #3 5121' to 5169" (Keyes Sand) Straddle Test
Recovered 5' of mud.
IFP: 26-27#/30" ISIP: 33#/30"
FFP: 26-27#/30" FSIP: 31#/30"

FROM CONFIDENTIAL

RECEIVED
STATE CORPORATE COMMISSION

JUN 04 1999

CONSERVATION DIVISION

Wichita, Kansas (316) 691-9500

Fax (316) 691-9550

ritchieexp@feist.com

P.O. Box 783188
Wichita, Kansas 67278-3188

8100 E. 22nd St. N., Bldg. 700
Wichita, Kansas 67226-2328

ALLIED CEMENTING CO., INC. ORIGINAL

Federal Tax I.D. #

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

SERVICE POINT:

CONFIDENTIAL

C.T.

DARLEY

C.T.

DATE <u>5-6-99</u>	SEC. <u>28</u>	TWP. <u>16S</u>	RANGE <u>41W</u>	CALLED OUT	ON LOCATION <u>5:00 AM</u>	JOB START <u>5:30 AM</u>	JOB FINISH <u>9:15 AM</u>
BASE <u>FTFA</u>	WELL # <u>2</u>	LOCATION <u>TRIBUNE 12N-6W-1345</u>			COUNTY <u>GREELEY</u>	STATE <u>KS</u>	

OLD OR NEW (Circle one)

CONTRACTOR MURFIN ORLG RIG #14

TYPE OF JOB PTA

HOLE SIZE 7 1/8" T.D. 5300'

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2" DEPTH 2697'

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

OWNER SAME

CEMENT

AMOUNT ORDERED 255 SKS 6040002 686EU

14" FLO-SEAL

COMMON	<u>153</u>	SKS	@	<u>7.55</u>	<u>1155.15</u>
POZMIX	<u>102</u>	SKS	@	<u>2.25</u>	<u>231.50</u>
GEL	<u>13</u>	SKS	@	<u>9.50</u>	<u>123.50</u>
CHLORIDE			@		
<u>Flo-Seal</u>	<u>64</u>	#	@	<u>1.15</u>	<u>73.60</u>
			@		
			@		
			@		
			@		
HANDLING	<u>255</u>	SKS	@	<u>1.05</u>	<u>267.75</u>
MILEAGE	<u>48</u>	per SK			<u>612.00</u>

EQUIPMENT

PUMP TRUCK # 300 CEMENTER TERRY
HELPER WAYNE

BULK TRUCK # 315 DRIVER DEAN

BULK TRUCK # _____ DRIVER _____

KCC TOTAL 2,563.50

JUN 03 1999

CONFIDENTIAL

SERVICE

REMARKS: DEC 17 2001

50 SKS AT 2697'

80 SKS AT 1950'

50 SKS AT 925'

40 SKS AT 340'

10 SKS RAT 40'

163K. MOUSE HOLE

15 SKS RAT HOLE

THANK YOU

DEPTH OF JOB 2697'

PUMP TRUCK CHARGE 470.00

EXTRA FOOTAGE @ _____

MILEAGE 60-miles @ 2.85 171.00

PLUG @ _____

@ _____

@ _____

STATE COMMISSION

JUN 04 1999

TOTAL 470.00

CHARGE TO: RITCHIE EXPLORATION, INC.

STREET Box 783188

CITY Wichita STATE Kansas ZIP 67278-3188

CONSERVATION DIVISION
Wichita, Kansas

FLOAT EQUIPMENT

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.

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE James Renner

JAMES RENNER
PRINTED NAME

