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KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 4767
Name: Ritchie Exploration, Inc.
Address: P.O. Box 783188
City/State/Zip: Wichita, KS 67278-3188
Purchaser: NCRA
Operator Contact Person: John Niernberger
Phone: (316) 691-9500
Contractor: Name: _____
License: _____
Wellsite Geologist: _____

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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 Workover/Re-entry: Old Well Info as follows:
Operator: Ritchie Exploration, Inc.

Well Name: Schneweis #5
Original Comp. Date: 1-27-81 Original Total Depth: 3354'
____ Deepening ____ Re-perf. ____ Conv. to Enhr./SWD
____ Plug Back ____ Plug Back Total Depth
 Commingled Docket No. _____
____ Dual Completion Docket No. _____
____ Other (SWD or Enhr.?) Docket No. _____

<u>4-5-04</u>	<u>4-9-04</u>	<u>4-9-04</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 009-22163 - 0001
County: Barton
____ SW ____ NE ____ NW Sec. 33 Twp. 16S S. R. 12 East West
990 feet from S / (N) (circle one) Line of Section
1650 feet from E / (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE (NW) SW
Lease Name: Schneweis Well #: 5
Field Name: Beaver South

Producing Formation: Lansing/Kansas City and Arbuckle
Elevation: Ground: 1889 Kelly Bushing: 1894
Total Depth: 3354 Plug Back Total Depth: 3354
Amount of Surface Pipe Set and Cemented at 251 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 818' Feet
If Alternate II completion, cement circulated from 818'
feet depth to surface w/ 300 sx cmt.
ALT I WTM 11-27-06

Drilling Fluid Management Plan
(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: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____

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INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 400 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 of 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: Production Manager Date: 7/9/04

Subscribed and sworn to before me this 9th day of July, 2004.
Notary Public: Debra K. Phillips
Date Commission Expires: 5/4/2007

DEBRA K. PHILLIPS
Notary Public - State of Kansas
My Appt. Expires 5/4/07

KCC Office Use ONLY
 Letter of Confidentiality Received
If Denied, Yes Date: _____
____ Wireline Log Received
____ Geologist Report Received
____ UIC Distribution

✓

Operator Name: Ritchie Exploration, Inc. Lease Name: Scheweis Well #: 5
 Sec. 33 Twp. 16S S. R. 12 East West County: Barton

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

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 Datum Sample
 Name Top Datum

List All E. Logs Run:

Radiation Guard Log

SEE ATTACHED
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CASING RECORD <input type="checkbox"/> New <input 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"	24#	251'	quickset	160	
Production	7-7/8"	5-1/2"	14#	3551'	60/40 poz	125	10% salt

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 Surfactant Record (Amount and Kind of Material Used) Depth
4	3102'-3104', 3128'-3130', 3226-3232, 3264'-3267' (LKC) (4/5/04)	2500 GALS (28% NE) RELEASED FROM
	3351' - 3354' (Arbuckle Open Hole) 1/1982	250 GALS (28% HCL) CONFIDENTIAL

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-7/8"	3347'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.		Producing Method			
4/9/04		<input type="checkbox"/> Flowing <input checked="" 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
	2		77		

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) _____

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SAMPLE TOPS

Anhydrite	781' (+1113)
B/Anhydrite	804' (+1090)
Topeka	2704' (+ 810)
Heebner	2988' (-1094)
Toronto	3006' (-1112)
Brwn. Ls.	3078' (-1184)
Lansing	3100' (-1206)
Arbuckle	3345' (-1451)
RTD	3354' (-1460)

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DST #1 from 3210'-3240' Recovered 62' slightly
oil specked mud.
IFP:43-43#/30"; ISIP:213#/30"; FFP:53-53#/30";
FSIP:181#/30".

DST #2 from 3320'-3348' Recovered 5' mud.
IFP:43-43#/30"; ISIP:53#/30";
FFP:43-43#/30"; FSIP:53#/30".

DST #3 from 3347'-3354' Packer failure.

DST #4 from 3318'-3354' Recovered 960' clean oil,
no water.
IFP:181-191#/45"; ISIP:981#/30";
FFP:266-383#/30"; FSIP:1033#/30"

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