

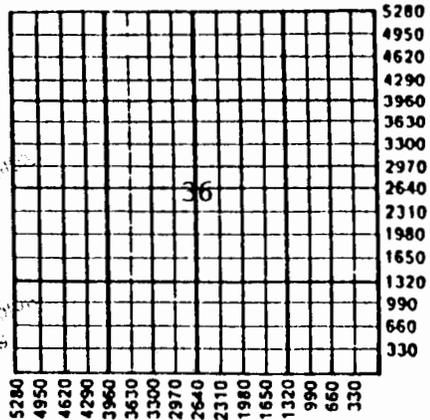
COPY

SIDE ONE

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

Operator: License # 4767
Name: Ritchie Exploration, Inc.
Address 125 N. Market, Suite 1000
Wichita, KS 67202
City/State/Zip
Purchaser: n/a
Operator Contact Person: Rocky Milford
Phone (316) 267-4375
Contractor: Name: Murfin Drilling Co.
License: 6033
Wellsite Geologist: Leah Ann Kasten
Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp. Abd.
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)
If OAWO: old well info as follows:
Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____
Drilling Method:
 Mud Rotary Air Rotary Cable
1/29/90 2/06/90 2/06/90
Spud Date Date Reached TD Completion Date

API NO. 15- 063-21,309
County Gove
NW SW SE Sec. 36 Twp. 14S Rge. 30W East West
990 Ft. North from Southeast Corner of Section
2310 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)
Lease Name Ziegenbalg Trust Well # 1
Field Name Lundgren
Producing Formation n/a
Elevation: Ground 2653' KB 2658'
Total Depth 4392' PBTD n/a



APR 25 1990
CONSERVATION DIVISION
Wichita, Kansas

Amount of Surface Pipe Set and Cemented at 208' 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.

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 President Date 4/11/90
Subscribed and sworn to before me this 11th day of April,
19 90.
Notary Public Linda K. Rice
The Commission Expires 6/07/92

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Drillers Timelog Received
Distribution		
<input 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)

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

SIDE TWO

Operator Name Ritchie Exploration, Inc. Lease Name Ziegenbalg Trust Well # 1

Sec. 36 Twp. 14S Rge. 30 East West County Gove

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.)

SEE ATTACHED.

Formation Description

Log Sample

Name Top Bottom

SEE ATTACHED.

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 Perc Additives
Surface	12 1/4"	8-5/8"	28#	208'	60/40 poz	140	2%gel, 3% CC

Shots Per Foot	PERFORATION RECORD 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
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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
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Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION Open Hole Perforation Dually Completed Commingled Other (Specify) _____

Production Interval _____

COPY

36-14-30W

Ritchie Exploration, Inc.
#4767
ACO-1, Page 2
#1 Ziegenbalg Trust
NW SW SE
Section 36-14S-30W
Gove Co., KS

DRILL STEM TESTS

DST #1 from 4338' to 4345' (Miss. Dolo.).
Recovered 90' gas in pipe; 5' clean oil;
25' mud cut oil; 60' oil cut mud; 120' mud
w/scum of oil; and 120' muddy water w/scum
of oil. 330' total fluid.
IFP:155-177#/45"; ISIP:1189#/45";
FFP:177-177#/45"; FSIP:1167#/45".

ELECTRIC LOG TOPS

Anhydrite	2075' (+ 583)
B/Anhydrite	2108' (+ 552)
Topeka	3448' (- 790)
Heebner	3677' (-1019)
Toronto	3696' (-1038)
Lansing	3713' (-1055)
Stark	3959' (-1301)
B/KC	4031' (-1373)
Marmaton	4058' (-1400)
Pawnee	4152' (-1494)
Myrick Sta.	4186' (-1528)
Ft. Scott	4212' (-1554)
Cherokee	4240' (-1582)
Johnson zn.	4290' (-1632)
Cgl. sand	4321' (-1663)
Miss.	4326' (-1668)
Miss. Dolo.	4336' (-1678)
LTD	4391' (-1733)

STANDARD
FEB 25 1990
GULF EXPLORATION DIVISION
Wichita, Kansas