

ORIGINAL

8/19/89 RELEASED

SIDE ONE

NOV 0 1 1990

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

API NO. 15- 163-23,044-00 00
County Rooks FROM CONFIDENTIAL

C NW SW Sec. 6 Twp. 7S Rge. 20 East West
1980 Ft. North from Southeast Corner of Section
4620 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Operator: License # 4767
Name: Ritchie Exploration, Inc.
Address 125 N. Market, Suite 1000
City/State/Zip Wichita, KS 67202

Lease Name R.V. Jones Well # 4
Field Name Lesage NW

Purchaser: none
Operator Contact Person: Leah Ann Kasten
Phone (316) 267-4375

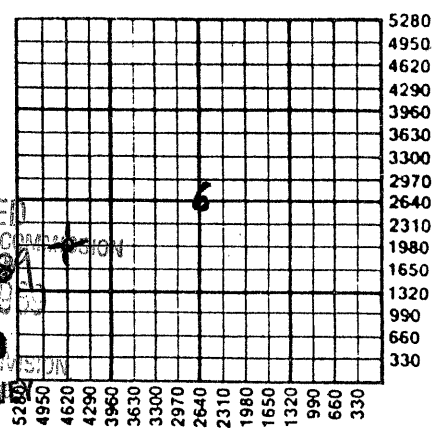
Producing Formation none
Elevation: Ground 2198' KB 2203'
Total Depth 3720 PBDT none

Contractor: Name: Murfin Drilling Co.
License: 6033
Wellsite Geologist: Jeff Christian

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp. Abd.
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

RECEIVED
STATE CORPORATION COMMISSION
08-09-1989
AUG 9 1989
AUG 15 1989
WICHITA



5280
4950
4620
4290
3960
3630
3300
2970
2640
2310
1980
1650
1320
990
660
330
N
ALTA D&A

If **OWMO**: old well info as follows:
Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____
Drilling Method:
 Mud Rotary Air Rotary Cable
5/14/89 5/20/89 5/21/89
Spud Date Date Reached TD Completion Date

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

Amount of Surface Pipe Set and Cemented at 204' 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 Vice President Date 8/03/89

Subscribed and sworn to before me this 3rd day of August, 19 89.

Notary Public Linda K. Rice
Date Commission Expires 6/07/92

LINDA K. RICE
NOTARY PUBLIC
STATE OF KANSAS
My Appl. 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) DO# 4

PI

SIDE TWO

Operator Name Ritchie Exploration, Inc. Lease Name R.V. Jones Well # 4
 Sec. 6 Twp. 7S Rge. 20W East County Rooks
 West

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.)

DST #1 3397'-3448' (Toronto & Top zone). Rec. 65' of watery mud & 60' of muddy water. IFP:38-57#/45"; ISIP:343#/60". FFP:66-76#/45"; FSIP:343#/60".
 DST #2 3460'-3501' (Lansing/KC 35' & 50' zones). Rec. 5' of mud w/few oil spots. IFP:20-20#/30"; ISIP:119#/30". FFP:20-20#/30"; FSIP:65#/30".
 (Cont'd, see attached page)

Formation Description

NOV 01 1990
11-01-1990
FROM CONFIDENTIAL

Name	Top	Bottom
Anhydrite		1801'(+ 402)
B/Anhydrite		1834'(+ 369)
Topeka		3193'(- 990)
Heebner		3401'(-1198)
Toronto		3428'(-1225)
Lansing		3437'(-1234)
B/KC		3636'(-1433)
Arbuckle		3683'(-1480)
LTD		3720'(-1517)

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#	204'	60/40 pozix	155	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

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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 Commingled
 Other (Specify) _____

Production Interval

Ritchie Exploration, Inc.
#4 R.V. Jones
C NW SW
Sec. 6-7S-20W
Rooks County, KS

ORIGINAL

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NOV 01 1980

ACO-1
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FROM CONFIDENTIAL

DRILL STEM TESTS

DST #3 3550'-3638' (L/KC 140'-220' zones). Rec. 1' of oil and 20' of mud w/oil spots. IFP:20-20#/30";ISIP:380#/30";
FFP:20-20#/30";FSIP:86#/30".

DST #4 3634'-3700' (Arbuckle). Rec. 10' of oil specked mud.
IFP:20-20#/30";ISIP:54#/30";
FFP:20-20#/30";FSIP:32#/30".

PLEASE KEEP THIS
INFORMATION
CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION

AUG 9 1983

CONSERVATION DIVISION
Wichita, Kansas