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15-11-31W
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STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15- 063-21,341 OCT 13 1991
County Gove

W/2 NW NE SE Sec. 15 Twp. 11S Rge. 31 ~~FROM CONFIDENTIAL~~

Operator: License # 4767

Name: Ritchie Exploration, Inc.

Address 125 N. Market, Suite 1000

City/State/Zip Wichita, KS 67202

Purchaser: n/a

Operator Contact Person: Rocky Nilford

Phone (316) 267-4375

Contractor: Name: White & Ellis Drilling

License: 5420

Wellsite Geologist: Bob Mathiesen

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

9/24/90 10/03/90 10/03/90

Spud Date Date Reached TD Completion Date

2310 Ft. North from Southeast Corner of Section

1105 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

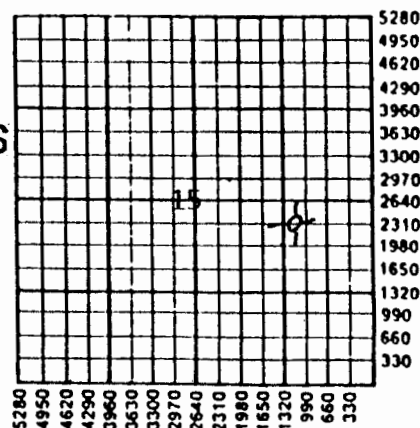
Lease Name Rodie Well # 3

Field Name Campus South

Producing Formation n/a

Elevation: Ground 2983' KB 2988'

Total Depth 4670' PBDT n/a



AIT II DEN

Amount of Surface Pipe Set and Cemented at 327' 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 _____

Title President Date 10/18/90

Subscribed and sworn to before me this 18th day of October, 19 90.

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
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received

Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

99707

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SIDE TWO

Operator Name Ritchie Exploration, Inc. Lease Name Rodie Well # 3

Sec. 15 Twp. 11S Rge. 31 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 page).

Formation Description

Log Sample

Name Top Bottom

(See attached page).

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"	28#	327'	60/40 poz	175	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

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

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

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 _____

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OCT 13 1991

Ritchie Exploration, Inc.
#3 Rodie
W/2 NW NE SE
Section 15-11S-31W
Gove County, Kansas
#4767
ACO-1
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FROM CONFIDENTIAL

DRILL STEM TESTS

DST #1 from 4109' to 4126' (L/KC "E" zone).
Recovered 10' of oil spotted mud.
IFP: 36-36#/30"; ISIP: 1284#/30";
FFP: 42-42#/30"; FSIP: 1294#/30".

DST #2 from 4170' to 4264' (L/KC "H", "I",
& "J" zones). Recovered 180' of mud and
259' of water with oil scum.
IFP: 130-171#/30"; ISIP: 1893#/30";
FFP: 213-226#/30"; FSIP: 1825#/30".

DST #3 from 4464' to 4506' (Myrick Station).
Recovered 7' of mud with a few oil specks.
IFP: 36-36#/30"; ISIP: 50#/30";
FFP: 40-40#/30"; FSIP: 44#/30".

DST #4 from 4500' to 4595' (Ft. Scott -
Johnson zone). Recovered 10' of very slight-
ly oil cut mud (2% oil).
IFP: 86-86#/30"; ISIP: 92#/30";
FFP: 86-86#/30"; FSIP: 88#/30".

DST #5 from 4290' to 4355' (L/KC "L" zone).
Straddle test. Recovered 105' of mud, no
show of oil.
IFP: 52-74#/30"; ISIP: 1300#/30";
FFP: 84-90#/30"; FSIP: 1265#/30".

ELECTRIC LOG TOPS

Anhydrite	2519' (+ 469)
B/Anhydrite	2546' (+ 442)
Topeka	3779' (- 791)
Heebner	4003' (-1015)
Toronto	4032' (-1044)
Lansing	4046' (-1058)
Stark	4263' (-1275)
B/KC	4322' (-1334)
Marmaton	4350' (-1362)
Pawnee	4447' (-1459)
Myrick Station	4490' (-1502)
Ft. Scott	4515' (-1527)
Cherokee	4544' (-1556)
Johnson zone	4588' (-1600)
Miss. Ls.	4616' (-1628)
Miss. Dolo.	4642' (-1654)
LTD	4669' (1681)

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