

ORIGINAL

SIDE ONE

001 3 89

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

City/State/Zip Wichita, KS 67202

Purchaser: n/a

Operator Contact Person: Rocky Milford

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 ~~OWO~~ 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

API NO. 15- 063-21,341-00-00  
County Gove

W/2 NW NE SE Sec. 15 Twp. 11S Rge. 31  East West

2310 Ft. North from Southeast Corner of Section

1105 Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

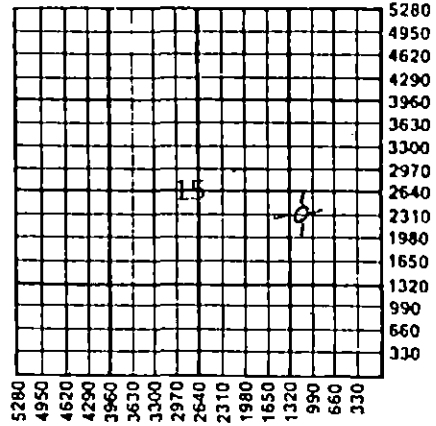
Lease Name Rodie Well # 3

Field Name Campus South

Producing Formation n/a

Elevation: Ground 2983' KB 2988'

Total Depth 4670' PBTD n/a



5280  
4950  
4620  
4290  
3960  
3630  
3300  
2970  
2640  
2310  
1980  
1650  
1320  
990  
660  
330

A1-12 O&A

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.

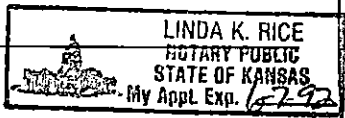
Signature \_\_\_\_\_

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



**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)

10-25-90  
 OCT 25 1990  
 Form ACO-1 (7-89)

ORIGINAL

SIDE TWO

Operator Name Ritchie Exploration, Inc.

Lease Name Rodie

Well # 3

Sec. 15 Twp. 11S Rge. 31

East

County Gove

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.

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  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 \_\_\_\_\_

ORIGINAL

RELEASED

OCT 13 1991

FROM CONFIDENTIAL

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

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)

OCT 25 1990

# COPY

RELEASED

OCT 15 1990

TELEPHONE:  
AREA CODE 913 283 2627

## ALLIED CEMENTING COMPANY, INC.

FROM: *02003*

P. O. BOX 31  
RUSSELL, KANSAS 67665

TO: Ritchie Exploration  
125 N. Market  
Wichita, KS 67202

SEP 90

100 2192 4  
INVOICE NO. 57493

PURCHASE ORDER NO. \_\_\_\_\_

*W-7350003*

LEASE NAME Rodie #3 JW

DATE Sept. 24, 1990

SERVICE AND MATERIALS AS FOLLOWS:

Common 105 sks @ \$5.00	\$ 630.00	
Poz Mix 70 sks @ \$2.25	157.50	
Gel 3 sks @ \$6.75	.00	
Chloride 5 sks @ \$20.00	100.00	\$ 887.50
<hr/>		
Handling 175 sks @ \$.90	157.50	
Mileage @ \$.03 per sk per mi (175(6)	40.00	
Surface	360.00	
M1 @ \$2.00 Pmp Trk	12.00	
Plug	40.00	
<hr/>		

Total

\$ 1,497.00 *JRS*

Cement Cir.

*shamp, cement #3*

*6100 0770 = 1497.00*

*3520 1707 < 299.40 >*

OCT 1 1990

THANK YOU

OCT 16 1990

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1 1/2% Charged Thereafter.

OCT 25 1990