

ORIGINAL

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

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 OWM: old well info as follows:
Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable

10/16/90 10/25/90 10/25/90
Spud Date Date Reached TD Completion Date

API NO. 15- 063-21,349-00-00
County Gove

SE SW SW Sec. 5 Twp. 14S Rge. 27 East West
330 Ft. North from Southeast Corner of Section
4290 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

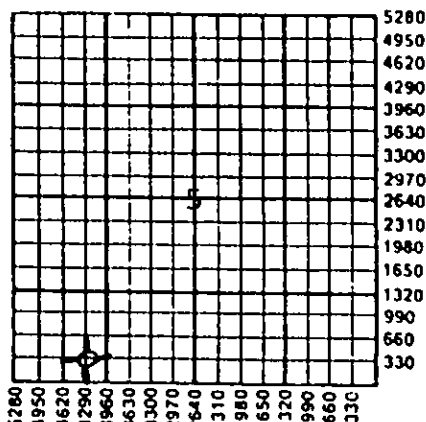
Lease Name Jamison Trust Well # 1

Field Name unknown

Producing Formation n/a

Elevation: Ground 2559' KB 2564'

Total Depth 4400' PBD n/a



Amount of Surface Pipe Set and Cemented at 250' 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.

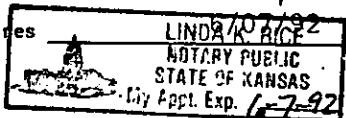
Signature _____

Title President Date 11/07/90

Subscribed and sworn to before me this 7th day of November, 19 90.

Notary Public Linda K. Rice

Date Commission Expires _____



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)

NOV 13 1990
11-13-90
CONSERVATION COMMISSION
Wichita, Kansas

Form ACO-1 (7-89)

SIDE TWO

Operator Name Ritchie Exploration, Inc. Lease Name Jamison Trust Well # 1
 Sec. 5 Twp. 14S Rge. 27 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).

PLEASE KEEP THIS
 INFORMATION
 CONFIDENTIAL

CASING RECORD <input type="checkbox"/> New <input checked="" 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"	28#	250'	60/40 poz	155	2% gel, 3% CC
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			Amount and Kind of Material Used			Depth
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Size	Set At	Packer At					
Date of First Production	Producing Method <input type="checkbox"/> Flowing <input 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		

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

Ritchie Exploration, Inc.
#4767

#1 Jamison Trust
SE SW SW
Section 5-14S-27W
Gove County, Kansas

RECORDED
INDEXED
CORRECTION

ACO-1 form
Page 2

DRILL STEM TESTS

DST #1 from 3890' to 3980' (L/KC "H", "I" & "J" zones). Recovered 10' of mud cut oil (80% oil); 50' of oil cut mud (10% oil); and 50' of muddy water with a scum of oil.
IFP:22-33#/45"; ISIP:1182#/45";
FFP:49-56#/45"; FSIP:1161#/45".

DST #2 from 3980' to 4037' (L/KC "K" & "L" zones). Recovered 370' of gas in pipe and 50' of gassy oil cut mud (5% gas, 40% oil, 55% mud).
IFP:49-49#/45"; ISIP:1114#/45";
FFP:49-49#/45"; FSIP:1114#/45".

DST #3 from 4139' to 4170' (Pawnee). Recovered 10' of drilling mud.
IFP:59-49#/30"; ISIP:39#/30";
FFP:39-39#/30"; FSIP:29#/30".

DST #4 from 4224' to 4319' (Ft. Scott & Cherokee). Recovered 15' of drilling mud, no show of oil.
IFP:45-45#/30"; ISIP:89#/30";
FFP:56-56#/30"; FSIP:67#/30".

DST #5 from 4343' to 4355' (Miss.). Recovered 1' of clean oil and 4' of oil cut mud (5% oil, 95% mud).
IFP:22-22#/30"; ISIP:1129#/30";
FFP:22-22#/30"; FSIP:1119#/30".

DST #6 from 4354' to 4363' (Miss.). Recovered 10' of sulfur water with a trace of oil and 115' of sulfur water.
IFP:11-22#/45"; ISIP:1235#/45";
FFP:33-56#/45"; FSIP:1224#/45".

ELECTRIC LOG TOPS

Anhydrite	2008' (+ 556)
B/Anhydrite	2047' (+ 517)
Heebner	3711' (-1147)
Lansing	3746' (-1182)
Stark	3983' (-1419)
B/KC	4036' (-1472)
Marmaton	4077' (-1513)
Pawnee	4149' (-1585)
Myrick Station	4198' (-1634)
Ft. Scott	4249' (-1685)
Cherokee	4272' (-1708)
Mississippi	4341' (-1777)
LTD	4402' (-1838)

OCT 8 1992

RECORDED & INDEXED

NOV - 3 1990

GEOLOGICAL SURVEY
Gove County, Kansas

TELEPHONE:
AREA CODE 913 483-2627

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31
RUSSELL, KANSAS 67665 - 003

15-063-21349-00-00
Group #1

OCT 90 1002253

TO: Ritchie Exploration Inc.
125 N. Market #1000
Wichita, Kansas 67202

ORIGINAL

INVOICE NO. 57745
PURCHASE ORDER NO. W-4220001
LEASE NAME Jamison Trust #1
DATE Oct. 16, 1990

SERVICE AND MATERIALS AS FOLLOWS:

Common 93 sks @\$5.25	488.25
Pozmix 62 sks @\$2.25	139.50
Chloride 5 sks @\$21.00	<u>105.00</u>
Handling 155 sks @\$1.00	155.00
Mileage (55) @\$0.03¢ per sk per mi	255.75
Surface	380.00
Mi @\$2.00 pmp. trk.	110.00
1 plug	<u>42.00</u>

CONFIDENTIAL
ALL INFORMATION
HEREIN IS UNCLASSIFIED
DATE 11-13-90 BY 6100-0270

\$ 732.75

942.75
Total \$ 1,675.50

Cement circ.

If account CURRENT 20% discount will
be allowed ONLY if paid within 30 days
from date of invoice.

THANK YOU

6100-0270
3826/70 = {335.10}

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter.

OCT 24 1990
ADM

RECEIVED
STATE CORPORATION COMMISSION

NOV 13 1990

CONSERVATION DIVISION
Wichita, Kansas