

CONFIDENTIAL

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: NA

Operator Contact Person: Rocky Milford

Phone (316) 267-4375

Contractor: Name: White & Ellis

License: 5420

Wellsite Geologist: Kevin Kessler

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Dersening Re-perf. Conv. to Inj/SWD
 Plug Back _____ PSTD
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Inj?) _____ Docket No. _____

9-21-93 9-30-93 9-30-93
Spud Date Date Reached TD Completion Date

API NO. 15- 101-21,649-0000

County Lane

40' S SW NW-NE Sec. 9 Twp. 19 Rge. 28W E

4250 Feet from S/W (circle one) Line of Section

2310 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name Royalty Well # 1

Field Name _____

Producing Formation NA

Elevation: Ground 2785 KB 2790

Total Depth 4654 PSTD _____

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.

Drilling Fluid Management Plan
Data must be collected from the Reserve Pit)

Chloride content 17,000 ppm Fluid volume 880 bbls

Deaerating method used evaporation

Disposition of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W _____

County _____ Docket No. _____

RECEIVED
STATE CORPORATION COMMISSION
11-19-93
NOV 19 1993
ORIGINAL
CONSERVATION DIVISION
Wichita, Kansas

RELEASED

FROM CONFIDENTIAL

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 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 geologist well report 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.

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 11-18-93

Subscribed and sworn to before me this 18th day of November 1993.

Notary Public Lisa Thimmesch

Date Commission Expires _____

LISA THIMMESCH
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 8-29-95

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NSPA
 KGS Plug Other
(Specify)

SIDE TWO

Operator Name Ritchie Exploration

Lease Name Royalty

Well # 1

East

County Lane

Sec. 9 Twp. 19 Rge. 28W

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.)

List All E.Logs Run:

Radiation Guard Log

Log Formation (Top), Depth and Datum Sample
Name Top Datum

OK

see attached sheet

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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 csq	12 1/4	8 5/8"	20#	208	60/40 poz	140	2% gel 3% CC

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
Perforate					
Protect Casing					
Plug Back TD					
Plug Off-Zone					

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		Amount and Kind of Material Used	Depth

TUBING RECORD Size Set At Packer At Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 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 Perf. Dually Comp. Commingled
 Other (Specify)

Production Interval

RITCHIE EXPLORATION, INC.

125 N. Market - Suite 1000
Wichita, Kansas 67202-1775

316-267-4375 FAX 316-267-3026

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#1 Royalty

SW NW NE

Section 9-19S-28W

Lane County, Kansas

API# 15-101-21,649

Elevation: 2758' G.L., 2763' K.B.

API#15-101-21649

ELECTRIC LOG TOPS

Anhydrite	2111'(+ 652)
B/Anhydrite	2142'(+ 621)
Heebner	3950'(-1187)
Lansing	3990'(-1227)
Stark	4271'(-1508)
B/KC	4353'(-1590)
Marmaton	4377'(-1614)
Pawnee	4474'(-1711)
Myrick Sta	4503'(-1740)
Fort Scott	4524'(-1761)
Cherokee	4546'(-1783)
Johnson zn	4584'(-1821)
Miss	4634'(-1871)
LTD	4652'(-1889)

ORIGINAL

KCC

NOV 17

CONFIDENTIAL

RELEASED

JAN 11 1996

FROM CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION

NOV 19 1993

CONSERVATION DIVISION
Wichita, Kansas

DST #1 from 4200' to 4239' (L/KC "I" zone). Recovered 55' muddy water with few oil specks (20% mud, 80% water).

IFP:62-62#/30"; ISIP:1070#/30";
FFP:72-72#/30"; FSIP:1050#/30".

DST #2 from 4237' to 4263' (L/KC "J" zone). Recovered 80' water cut mud (90% mud, 10% water), and 420' water.

IFP:62-114#/30"; ISIP:809#/30";
FFP:187-228#/30"; FSIP:809#/30".

DST #3 from 4267' to 4292' (L/KC "K" zone). Recovered 120' gas in pipe, 10' clean gassy oil, 110' gassy oil and water cut mud (5% gas, 5% oil, 80% mud, 10% water), 60' muddy water with trace of oil (30% mud, 70% water), and 180' water. 360' total fluid.

IFP:41-83#/30"; ISIP:809#/45";
FFP:145-166#/30"; FSIP:789#/45".

DST #4 from 4516' to 4605' (Fort Scott to Johnson zone). Recovered 5' oil spotted mud.

IFP:52-52#/30"; ISIP:52#/30";
FFP:52-52#/30"; FSIP:52#/30".

DST #5 from 4309' to 4326' Straddle Test (L/KC "L" zone). Recovered 630' water.

IFP:20-135#/30"; ISIP:869#/30";
FFP:228-291#/30"; FSIP:719#/30".

Phone 913-483-2627, Russell, Kansas
 Phone 316-793-5861, Great Bend, Kansas

CONFIDENTIAL

Phone Plainville 913-434-2812
 Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

4868

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	9/30/93	Sec.	9	Twp.	195	Range	28W	Called Out	08:30	On Location	11:00	Job Start	11:30	Finish	1:30 PM
Lease	Royalty	Well No.	2	Location	Dighton 35 3E 15 W			County	Lincoln	State	Ks.				
Contractor	White & Ellis #9														
Type Job	Rotary Plug														
Hole Size	7 7/8	T.D.	4675												
Csg.	8 5/8	Depth	ORIGINA												
Tbg. Size		Depth	2140												
Drill Pipe	4 1/2"	Depth	2140												
Tool		Depth													
Cement Left in Csg.		Shoe Joint	KCC												
Press Max.		Minimum	NOV 17												
Meas Line		Displace													

Owner Same

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Charge To Ritchie Exploration Inc.
 Street 125 N. Market Suite 1000
 City Wichita State Ks. 67202

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. *Donald A. Dandery #9*

CEMENT

Perf. **CONFIDENTIAL**

EQUIPMENT

No.	Cementer	<i>Gary</i>
Pumptrk 224	Helper	<i>M. K. STATE CORPORATION</i>
No.	Cementer	
Pumptrk	Helper	
	Driver	<i>Bill</i>
Bulktrk 69	Driver	<i>Wichita, Kansas</i>

Amount Ordered	235 60/40 REPAIRED 1/4" F/steel		
Consisting of	MAN 11 1996		
Common	14.1	5.75	810.75
Poz. Mix	94	3.00	282.00
Vel.	14	FROM CONFIDENTIAL	98.00
Quickset			
1993 F/10 Seal 59"	1.10		64.90
Handling	235	1.00	235.00
Mileage	32		300.80
copy T.H.T. 10.9.93 SA			
Total			1791.45

DEPTH of Job

Reference:	Pump Truck	525.00
32 Mileage		72.00
8 5/8" OHP		21.00
Total		618.00

Remarks:

50 sx @ 2140
 80 sx @ 1300
 40 sx @ 600 *Thank you!*
 40 sx @ 240
 10 sx @ 40 *Way L. James*
 15 sx @ RH

Floating Equipment

TOTAL \$ 2409.45
 Disc - 481.89

\$ 1927.56

SEP 93 1011450