

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

ORIGINAL

Operator: License # 4767  
Name: Ritchie Exploration, Inc.  
Address P.O. Box 783188  
City/State/Zip Wichita, KS 67278-3188

Purchaser: \_\_\_\_\_  
Operator Contact Person: Julie Stout  
Phone (316) 691-9500

Contractor: Name: Mallard JV, Inc.  
License: 4958  
Wellsite Geologist: Bob Mathiesen

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Reentry: Old Well Info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_  
 Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  P8TD  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_  
12-16-97 12-23-97 12-23-97  
Spud Date Date Reached TD Completion Date

API NO. 15- 163-23301 0000  
County Rooks  
40' E  
E/2-W/2 SW Sec. 5 Twp. 7S Rge. 20 E  
1320 Feet from S (circle one) Line of Section  
1030 Feet from E (circle one) Line of Section

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

Lease Name Fischli-5C Well # 1  
Field Name \_\_\_\_\_

Producing Formation NONE

Elevation: Ground 2200 KB 2205

Total Depth 3725 PBTD \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 220 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 PAA, 10-1-98 UC  
(Data must be collected from the Reserve Pit)

Chloride content 1,500 ppm Fluid volume 500 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite: 3-28-2001

Operator Name KCC

Lease Name FEB 23 License No. \_\_\_\_\_

Quarter CONFIDENTIAL Sec. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W

County \_\_\_\_\_ Docket No. \_\_\_\_\_

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 [Signature]  
Title President Date 2-23-98

Subscribed and sworn to before me this 23rd day of February, 19 98.

Notary Public A. Julie K. Stout

Date Commission Expires July 23, 2001

JULIE K. STOUT  
Notary Public - State of Kansas  
My Appt. Expires 7-23-2001

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
FEB 24 1998 (Specify)

Form ACO-1 (7-91) Gas

02-24-1998

Operator Name Richie Exploration, Inc.

Lease Name Fischli-5C

Well # 1

East

County Rooks

Sec. 5 Twp. 7S Rge. 20

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 Datums  Sample  
Name Top Datum

see attached

RELEASED  
MAR 28 2001

FROM CONFIDENTIAL

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	20	220	60/40 Poz	160	2% gel, 3%

cc

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type 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, Resumed Production, SWD or Inj.	Producing Method
<u>D&amp;A</u>	<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
	<u>N/A</u>				

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

Vented  Sold  Used on Lease  
(If vented, submit ACO-18.)

Open Hole  Perf.  Dually Comp.  Commingled

Other (Specify) \_\_\_\_\_



Wichita, Kansas

15-163-23301-00-00

ORIGINAL

#1 Fischli-5C  
40' E of E/2 W/2 SW  
Section 5-7S-20W  
Rooks County, Kansas  
API #15-163-23301 0000  
Mallard JV, Inc. Rig #1  
Field: Bob Mathiesen  
Office: Jeff Christian

CONFIDENTIAL

Log Tops

Anhydrite	1795'(+ 410)
B/Anhy	1825'(+ 380)
Topeka	3196'(- 991)
Heebner	3400'(-1195)
Toronto	3422'(-1217)
Lansing	3436'(-1231)
BKC	3630'(-1425)
Arbuckle	3722'(-1517)
LTD	3725'(-1520)

DST #1 3428' to 3460'  
Recovered 70' muddy water  
IFP: 44-55#/30"; ISIP 439#/30";  
FFP: 66-77#/30"; FSIP 428#/30"

KCC  
FEB 23  
CONFIDENTIAL

DST #2 3542' to 3638'  
Recovered 15' slightly oil cut mud (5% oil, 95% mud)  
IFP: 44-44#/30"; ISIP: 230#/30";  
FFP: 44-44#/30"; FSIP: 110#/30"

RELEASED  
MAR 28 2001  
FROM CONFIDENTIAL

NEEDWOOD  
STAFF

FEB 24 1998

CONSERVATION DIVISION  
Wichita, Kansas

15463-23301-00-00

# ALLIED CEMENTING CO., INC.

9232

Federal Tax I.D.# ~~14-0000000~~

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT: R

## ORIGINAL

DATE <u>12/22/97</u>	SEC. <u>5</u>	TWP. <u>7</u>	RANGE <u>20</u>	CALLED OUT	ON LOCATION	JOB START <u>7:30pm</u>	JOB FINISH <u>1:30am</u>
LEASE <u>Fischli</u>	WELL# <u>50-1</u>	LOCATION <u>Damar 10N 4E</u>			COUNTY <u>Roofs</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)							

CONTRACTOR Mallard JV

TYPE OF JOB plug

HOLE SIZE 7 7/8 T.D. 3725

CASING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. \_\_\_\_\_

PERFS. \_\_\_\_\_

DISPLACEMENT \_\_\_\_\_

OWNER \_\_\_\_\_

CEMENT AMOUNT ORDERED 225 @ 6% gel

COMMON	<u>135</u>	@	<u>6.35</u>	<u>857.25</u>
POZMIX	<u>90</u>	@	<u>3.25</u>	<u>292.50</u>
GEL	<u>11</u>	@	<u>9.50</u>	<u>104.50</u>
CHLORIDE		@		
		@		
		@		
		@		
		@		
		@		
HANDLING		@	<u>1.95</u>	<u>236.25</u>
MILEAGE	<u>44 / Sta / Mile</u>			<u>513.00</u>

EQUIPMENT

153 PUMP TRUCK CEMENTER Dave Mack

# \_\_\_\_\_ HELPER \_\_\_\_\_

BULK TRUCK DRIVER \_\_\_\_\_

# \_\_\_\_\_ DRIVER Darin

TOTAL 2003.50

REMARKS:

25 @ 3720

25 @ 1825

100 @ 1100

40 @ 270

10 @ 40 w/c plug

10 mouse hole

15 Rat hole

SERVICE

DEPTH OF JOB \_\_\_\_\_

PUMP TRUCK CHARGE \_\_\_\_\_ 470.00

EXTRA FOOTAGE @ \_\_\_\_\_

MILEAGE 57 @ 2.85 162.15

PLUG 8 1/2 Day Hole @ \_\_\_\_\_ 23.00

@ \_\_\_\_\_

@ \_\_\_\_\_

CHARGE TO: Ritchie Exploration Inc

STREET Box 783188

CITY Wichita STATE Kansas ZIP 67278-3188

RELEASED  
FEB 28 2001

TOTAL 655.45

FROM COMPANY EQUIPMENT

@ \_\_\_\_\_

@ \_\_\_\_\_

@ \_\_\_\_\_

@ \_\_\_\_\_

@ \_\_\_\_\_

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 is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX \_\_\_\_\_

TOTAL CHARGE \_\_\_\_\_

DISCOUNT \_\_\_\_\_

IF PAID IN 30 DAYS

SIGNATURE Mal D. Egan

PRINTED NAME

COMMUNICATION DIVISION  
Wichita, Kansas

15-163-23301-00-00

# ALLIED CEMENTING CO., INC.

9322

Federal Tax I.D.# ~~48-2723280~~

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

## ORIGINAL

SERVICE POINT:

*Russell*

DATE <i>12-17-97</i>	SEC. <i>S</i>	TWP. <i>7</i>	RANGE <i>20</i>	12-16-97 CALLED OUT <i>7:00pm</i>	ON LOCATION <i>9:30pm</i>	JOB START	JOB FINISH <i>1:00 AM</i>
LEASE <i>Fishel SC</i>	WELL # <i>1</i>	LOCATION <i>Danna 103N</i>			COUNTY <i>Rooki</i>	STATE <i>Ks</i>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR *Malled*  
 TYPE OF JOB *SURFACE*  
 HOLE SIZE *7 3/8* T.D. *220*  
 CASING SIZE *8 5/8* DEPTH *220*  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT  
 CEMENT LEFT IN CSG.  
 PERFS.  
 DISPLACEMENT

OWNER *Same*

### CONFIDENTIAL

CEMENT  
 AMOUNT ORDERED  
*260 dbw 60/40 3% CC 2% bel*

EQUIPMENT

PUMP TRUCK #	CEMENTER <i>Bill</i>	HELPER <i>Bill</i>
BULK TRUCK #	DRIVER <i>RG</i>	
BULK TRUCK # <i>260</i>	DRIVER <i>Billm</i>	

COMMON	<i>156</i>	@ <i>6.35</i>	<i>990.60</i>
POZMIX	<i>104</i>	@ <i>3.25</i>	<i>338.00</i>
GEL	<i>5</i>	@ <i>9.50</i>	<i>47.50</i>
CHLORIDE	<i>8</i>	@ <i>28.00</i>	<i>224.00</i>
KCC		@	
FEB 23		@	
HANDLING		@ <i>1.05</i>	<i>273.00</i>
MILEAGE	<i>44 / 56 / Mile</i>		<i>592.00</i>
TOTAL			<i>2465.90</i>

### CONFIDENTIAL

#### REMARKS:

*Ran 5 hrs 8 5/8  
 Set c 230  
 Cem. w/ 160 dbw 60/40 3-2  
 pump plug w/ 13 bbl water  
 Cement did NOT circ.  
 Ran 20' 4" Cem. w/ 100 dbw 60/40 3-2  
 5:45 AM 11"*

#### SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<i>470.00</i>
EXTRA FOOTAGE		@	
MILEAGE	<i>57</i>	@ <i>2.85</i>	<i>162.45</i>
PLUG		@	<i>45.00</i>
		@	
		@	

RELEASED

TOTAL *677.45*

MAR 28 2001

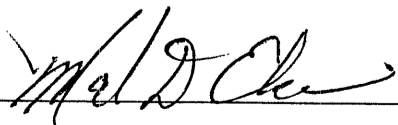
FLOAT EQUIPMENT

FROM CONFIDENTIAL

CHARGE TO: *Ritchie Explor. Inc.*  
 STREET *P.O. Box 78 3188*  
 CITY *Wichita* STATE *Kansas* ZIP *67278-3188*

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 is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE



PRINTED NAME

TAX \_\_\_\_\_  
 TOTAL CHARGE \_\_\_\_\_  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS