

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

CONFIDENTIAL

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & 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: Rocky Milford
Phone: (316) 691-9500
Contractor: Name: Murfin Drilling Co., Inc.
License: KCC

Wellsite Geologist: Jeff Christian
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/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____
_____ Deepening _____ Re-perf. _____ Conv. to Enhr./SWD
_____ Plug Back _____ Plug Back Total Depth
_____ Commingled _____ Docket No. _____
_____ Dual Completion _____ Docket No. _____
_____ Other (SWD or Enhr.?) _____ Docket No. _____

8/25/00 8/31/00 8/31/00
Spud Date or Date Reached TD Completion Date
Recompletion Date Recompletion Date

API No. 15 - 135-24109-0000
County: Ness
NW NE SE Sec. 31 Twp. 16 S. R. 22 East West
2315 feet from N (circle one) Line of Section
990 feet from W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: McDonald-31D Well #: 1
Field Name: _____

Producing Formation: _____
Elevation: Ground: 2409' Kelly Bushing: 2414'
Total Depth: 4465' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 2119 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: 18,000 ppm Fluid volume: 1,100 bbls
Dewatering method used: evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
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 completion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of 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: Robert M. Milford
Title: Geologist Date: 12/15/00
Subscribed and sworn to before me this 15th day of December
2000
Notary Public: Karen Hopper
Date Commission Expires: 10/27/03

KAREN HOPPER
Notary Public - State of Kansas
My Appt. Expires 10/27/03

KCC Office Use ONLY
 Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received Release
 Geologist Report Received MAY 06 2004

UIC Distribution From Confidential

RECEIVED
KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WICHITA, KS
DEC 18 2000

12-18-2000

Page 1 of 5-6-04

Operator Name: Ritchie Exploration, Inc. Lease Name: McDonald 31-D
 Sec. 31 Twp. 16 S. R. 22 East West County: Ness

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INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

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:

Log Formation (Top), Depth and Datum Sample

Name Top Datum

See attached sheet

0005 030

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~~Radiation Guard Log~~

CASING RECORD <input type="checkbox"/> New <input 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	# Sacjs Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	23#	211	60/40 poz	160	3% cc, 2% gel

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	Acid, Fracture, Shot, Cement Squeeze Record	Depth
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumerd Production, SWD or Enhr.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas Vented Sold Used on Lease (If vented, Sumit ACO-18.)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify)

Production Interval

CONFIDENTIAL

15-135-24109-00-00

ORIGINAL

ALLIED CEMENTING CO., INC.

5039

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

Release
Federal Tax I.D.#

2004

From

DEC 15 2000

SERVICE POINT:

DATE <u>8-25-2000</u>	SEC. <u>31</u>	TWP. <u>16</u>	RANGE <u>22</u>	CALLED OUT <u>CONFIDENTIAL</u>	ON LOCATION <u>10:00AM</u>	JOB START <u>11:45AM</u>	JOB FINISH <u>12:15PM</u>
LEASE <u>McDonald</u>	WELL #	LOCATION <u>Brownell 250 1/2 S</u>		COUNTY <u>NESS</u>	STATE <u>KANSAS</u>		
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Murphy Rig &

TYPE OF JOB Surface

HOLE SIZE 12 1/2 T.D. 211

CASING SIZE 8 5/8 DEPTH 211

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15

PERFS. _____

DISPLACEMENT _____

OWNER SAME

CEMENT

AMOUNT ORDERED 160 SKs Com

39% CC 2 1/2 CC

COMMON	<u>160</u>	@	<u>6.75</u>	<u>1016.00</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>9.50</u>	<u>28.50</u>
CHLORIDE	<u>5</u>	@	<u>28.00</u>	<u>140.00</u>
		@		
		@		
		@		
		@		
		@		
HANDLING		@	<u>1.05</u>	<u>168.00</u>
MILEAGE	<u>44.5</u>	/MILE		<u>115.20</u>
TOTAL				<u>1467.50</u>

EQUIPMENT

PUMP TRUCK CEMENTER _____

224 HELPER R. Davis

BULK TRUCK

_____ DRIVER _____

BULK TRUCK

260 DRIVER GLED

REMARKS:

SERVICE

CEMENT in
THANK you

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>43.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>18</u>	@	<u>3.00</u>	<u>54.00</u>
PLUG	<u>8 5/8 Surf</u>	@		<u>45.00</u>
		@		
		@		
TOTAL				<u>569.00</u>

CHARGE TO: Ritchie Expl

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

	@			
	@			
	@			
	@			
	@			
-TOTAL				

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 Louis McBurna

PRINTED NAME

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15-135-24109-00-00

Release

ORIGINAL

MAY 06 2004

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KCC

DEC 15 2000

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#1 McDonald-31D
2315' FSL & 990' FEL
Section 31-16S-22W
Ness County, Kansas
API#15-135-24109-00-00

Sample Tops

	Meas. Depth	Corrected Depth	Corrected Depth Datum	Ref. Well
Anhydrite	1726	1734	+ 680	- 6
B/Anhydrite	1761	1769	+ 645	- 9
Heebner	3804	3812	-1398	+ 3
Lansing	3843	3851	-1437	+ 3
B/KC	4126	4134	-1720	Flat
Pawnee	4217	4225	-1811	Flat
Fort Scott	4319	4327	-1913	- 5
Cherokee Sh	4335	4343	-1929	- 3
Upr Cher Sd	4338	4346	-1932	- 4
Mississippian	4420	4428	-2014	+ 2
RTD	4465	4473	-2059	

Electric Log Tops

	Meas. Depth	Depth Datum	Ref. Well
Anhydrite	1728	+ 686	Flat
B/Anhydrite	1766	+ 648	- 6
Heebner	3807	-1393	+ 8
Lansing	3846	-1432	+ 8
B/KC	4130	-1716	+ 4
Pawnee	4227	-1813	- 2
Fort Scott	4322	-1908	Flat
Cherokee Sh	4340	-1926	Flat
Upr Cher Sd	4342	-1928	Flat
erosional Miss	4407	-1993	N/A
clean Miss	4420	-2006	+10
LTD	4468	-2054	

P.O. Box 783188
Wichita, Kansas 67278-3188

(316) 691-9500
Fax (316) 691-9550
ritchie@rei-exp.com

8100 E. 22nd St. N., Bldg. 700
Wichita, Kansas 67226-2328

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15-135-24109-00-00 ORIGINAL

8-30-00 DST #1 4333'-4344' (4341' - 4352' corrected) (Upper Cherokee Sand). Recovered 65' of muddy water (20% mud, 80% water) and 120' of water.
IFP 44-77#/30"; ISIP 963#/30"
FFP 110-132#/30"; FSIP 963#/30"

8-31-00 DST #2 4396'-4434' (4404'-4442' corrected) (Mississippian). Recovered 80' of very slightly oil cut mud (1% oil, 99% mud).
IFP 33-44#/30"; ISIP 1278#/30"
FFP 55-77#/30"; FSIP 1278#/30"

KCC

DEC 15 2000

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Release
MAY 05 2004
From
Confidential

12-15-2001



Release
MAY 16 2004
From
Confidential

15-135-24109-00-00

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December 15, 2000

Mr. Jim Hemmen
Kansas Corporation Commission
130 S. Market, Suite 2078
Wichita, Kansas 67202

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DEC 15 2000
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RE: #1 McDonald-31D
API #15-135-24109 -00-00
NW NE SE, Sec. 31-16S-22W
Ness County, Kansas

Dear Mr. Hemmen:

Enclosed please find an ACO-1 for the above referenced well. Ritchie Exploration, Inc. requests the ACO-1 form on this well be held confidential for a one (1) year period. The required logs were submitted with the CP-1 form.

Thank you.

Sincerely,

RITCHIE EXPLORATION, INC.

Karen Hopper
Production Assistant

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KANSAS CORPORATION COMMISSION

DEC 18 2000

CONSERVATION DIVISION
WICHITA, KS

Enclosure

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