

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 **KCC**
Name: Ritchie Exploration, Inc.
Address: 8100 E. 22nd St. N., Bldg. 700 **MAY 31 2002**
City/State/Zip: Wichita, KS 67226
Purchaser: N/A **CONFIDENTIAL**
Operator Contact Person: Rocky Milford
Phone: (316) 691-9500
Contractor: Name: L.D. Drilling, Inc.
License: 6039

API No. 15 - 193-20685-0000
County: Thomas
60 N2 S2 NW Sec. 31 Twp. 6 S. R. 35 East West
1650 feet from S (N) (circle one) Line of Section
1260 feet from E (W) (circle one) Line of Section

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

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE (NW) SW
Lease Name: Miller 31B Well #: 1
Field Name: Wildcat

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. _____

Producing Formation: N/A
Elevation: Ground: 3305' Kelly Bushing: 3310'
Total Depth: 4725' Plug Back Total Depth: _____
Surface Pipe Set and Cemented at 7 jts 8-5/8" at 324 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.

4/23/02 5/1/02 5/2/02
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

Drilling Fluid Management Plan *YHA Ev 4-9-03*
(Data must be collected from the Reserve Pit)
Chloride content 3000 ppm Fluid volume 1000 bbls
Dewatering method used _____
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 conversion 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 Milford
Title: GEOLOGIST Date: 6-7-02
Subscribed and sworn to before me this 7th day of June, 2002.
Notary Public: Debra K. Phillips
Date Commission Expires: 5/14/2003

KCC Office Use ONLY

Letter of Confidentiality Attached
If Denied, Yes Date: _____

Wireline Log Received
 Geologist Report Received
 UIC Distribution

DEBRA K. PHILLIPS
Notary Public, State of Kansas
My Appt. Expires 5/14/2003

CONFIDENTIAL

Side Two

ORIGINAL

Operator Name: Ritchie Exploration, Inc. Lease Name: Miller 31B Well #: 1
Sec. 31 Twp. 6 S. R. 35 East West County: Thomas

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.

~~Release~~
JUL 06 2004

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)

Log Formation (Top), Depth and Datum **From** Sample Name **Confidential!** Datum

SEE ATTACHED

List All E. Logs Run:

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JUN 03 2002
KCC WICHITA

KCC
MAY 31 2002
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Radiation Guard Log

CASING RECORD <input checked="" type="checkbox"/> 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 Casing	12-1/4"	8-5/8"	23#	324'	60/40 Poz	190	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
				Yes No

Date of First, Resumed Production, SWD or Enhr.	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, Sumit ACO-18.)
METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled
Production Interval Other (Specify) _____

5-31-02



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JUL 06 2004
From
Confidential

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JUN 03 2002

May 31, 2002

CONFIDENTIAL KCC WICHITA

KCC

MAY 31 2002

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State Corporation Commission
Conservation Division
130 S. Market, Room 2078
Wichita, KS 67202

RE: #1 Miller 31B
1650' FNL & 1260' FWL
Sec. 31-6S-35W
Thomas County, Kansas

To Whom It May Concern:

Enclosed please find an ACO-1 for the above referenced well. Ritchie Exploration, Inc. would like for this to be held confidential for one year.

If you have any questions, please feel free to call the undersigned or Rocky Milford at 316-691-9500. Thank you for all of your help in this matter.

Sincerely,

Debbie Phillips
Accounting Supervisor

dkp

Enclosure

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ORIGINAL

KCC

MAY 31 2002

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JUN 03 2002
KCC WICHITA

Release
JUL 06 2004
From
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#1 Miller 31B
60' W C N/2 S/2 NW/4
Section 31-6S-35W
Thomas County, Kansas
API# 15-193-20685
L.D. Drilling, Inc.
Field: Kim Shoemaker
Office: Rocky Milford
Graded Elevation: 3305' GL; 3310' KB (ground level raised 1' while making location)

Electric Log Tops

Anhydrite	2905'	+405	-1
B/Anhydrite	2940'	+370	-2
Wabaunsee	3812'	+502	-15
Heebner	4116'	-806	-11
Lansing	4162'	-852	-11
Stark	4359'	-1049	-9
B/KC	4416'	-1106	-9
Marmaton	4431'	-1121	-9
Pawnee	4537'	-1227	-13
Fort Scott	4601'	-1291	-7
Cherokee	4629'	-1319	-6
LTD	4724'	-1414	
RTD	4725'	-1415	

4/27/02: DST #1 3818' to 3846' (Wabaunsee)
Recovered 5' of Mud with some free oil specks in tool.

IFP: 5-9#/30" ISIP: 655#/30"
FFP: 6-8#/30" FSIP: 659#/30"

4/29/02: DST #2 4279' to 4389' (L/KC "H-K" zones)
Recovered 149' of muddy water (46% mud, 54% water); 124' of muddy water (35% mud, 65% water). 273' of total fluid with a few oil specks and some free oil in tool (25% mud, 75% water).

IFP: 11-74#/45" ISIP: 1280#/45"
FFP: 76-133#/45" FSIP: 1254#/45"

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DST #3 4467' to 4511' (Altamont "B" and "C" zones)
Recovered 3' of mud with good free oil in tool and good gassy odor.

IFP: 9-12#/30" ISIP: 255#/30"
FFP: 19-20#/30" FSIP: 228#/30"

4/30/02: DST #4 4518' to 4558' (Pawnee)
Recovered 2' of mud with a few oil specks in tool.

IFP: 7-7#/30" ISIP: 36#/30"
FFP: 9-8#/30" FSIP: 32#/30"

(unclassified)
JUN 03 2002
KCC WICHITA

ORIGINAL

KCC

MAY 31 2002

CONFIDENTIAL

Release
From
Confidential

ALLIED CEMENTING CO., INC.

09247

Federal Tax I.D.# [REDACTED]

REMIT TO P.O. BOX 3
RUSSELL, KANSAS 67665

CONFIDENTIAL

ORIGINAL
SERVICE POINT
Oakley

DATE <u>4-23-02</u>	SEC. <u>31</u>	TWP. <u>6 S</u>	RANGE <u>35 W</u>	CALLED OUT	ON LOCATION <u>4:15 PM</u>	JOB START <u>4:45 PM</u>	JOB FINISH <u>5:15 PM</u>
LEASE <u>Miller 31B</u>	WELL# <u>1</u>	LOCATION <u>Levant 9N-4W-6S-E.S</u>			COUNTY <u>Thomas</u>	STATE <u>Kan</u>	
OLD OR NEW (Circle one) <u>(N)</u>				Release			

CONTRACTOR L-D Dols Co
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 322'
 CASING SIZE 8 5/8 DEPTH 324'
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 15'
 PERFS.
 DISPLACEMENT 19 3/4 BBL

OWNER Same From
 CEMENT Confidential
 AMOUNT ORDERED 190 SKS 60/40 POZ
3% CC - 2% Cel

EQUIPMENT
 PUMP TRUCK CEMENTER Walt
 # 300 HELPER Wayne
 BULK TRUCK
 # 212 DRIVER Fuzzy
 BULK TRUCK
 # DRIVER

COMMON	<u>114</u>	SKS	@	<u>7.85</u>	<u>894.90</u>
POZMIX	<u>76</u>	SKS	@	<u>3.55</u>	<u>269.80</u>
GEL	<u>3</u>	SKS	@	<u>10.00</u>	<u>30.00</u>
CHLORIDE	<u>6</u>	SKS	@	<u>130.00</u>	<u>180.00</u>
			@		
			@		
			@		
			@		
HANDLING	<u>199</u>	SKS	@	<u>1.10</u>	<u>218.90</u>
MILEAGE	<u>4¢</u>	POZ SK	/mile		<u>358.20</u>

KCC

MAY 31 2002

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RECEIVED

TOTAL 1,951.80

REMARKS:

Cement Die Circ v

[Signature]

SERVICE

KCC WICHITA

DEPTH OF JOB					
PUMP TRUCK CHARGE					<u>520.00</u>
EXTRA FOOTAGE			@		
MILEAGE	<u>45</u>	mi	@	<u>3.00</u>	<u>135.00</u>
PLUG	<u>8 5/8</u>	Surface	@		<u>45.00</u>
			@		
			@		

TOTAL 200.00

CHARGE TO: Ritchie Exploration, Inc
 STREET _____
 CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

none

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 Bill Owen

Bill Owen
PRINTED NAME

ALLIED CEMENTING CO., INC.

09414

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Federal Tax I.D.# ~~45-0727000~~

ORIGINAL

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

SERVICE POINT:

Oakley

DATE <u>5-1-02</u>	SEC. <u>31</u>	TWP. <u>6S</u>	RANGE <u>35W</u>	CALLED OUT	ON LOCATION <u>10:00 PM</u>	JOB START <u>12:00 AM</u>	JOB FINISH <u>3:15 AM</u>
LEASE <u>Miller 31B</u>	WELL # <u>1</u>	LOCATION <u>Levant NW 4W 3S E. 51</u>			COUNTY <u>Thomas</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)							

CONTRACTOR <u>L D Pedigo</u>	OWNER <u>Same</u>
TYPE OF JOB <u>PTA</u>	
HOLE SIZE <u>7 7/8</u>	T.D. <u>4725'</u>
CASING SIZE	DEPTH
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH <u>2930'</u>
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT	

CEMENT			
AMOUNT ORDERED	<u>190 SK 60/40 P2 6706rel 1/4" Pb Seal</u>		
COMMON	<u>114 SKS</u>	@ <u>7.85</u>	<u>894.90</u>
POZMIX	<u>76 SKS</u>	@ <u>3.55</u>	<u>269.80</u>
GEL	<u>10 SKS</u>	@ <u>10.00</u>	<u>100.00</u>
CHLORIDE		@	
<u>Flo Seal 47 #</u>		@ <u>1.40</u>	<u>65.80</u>
		@	
		@	
		@	
		@	
HANDLING	<u>200 SKS</u>	@ <u>1.10</u>	<u>220.00</u>
MILEAGE	<u>49 per sk/mile</u>		<u>360.00</u>
			TOTAL <u>1910.50</u>

EQUIPMENT

KCC

MAY 31 2002

PUMP TRUCK CEMENTER Walt

300 HELPER Wayne

BULK TRUCK DRIVER Dean

315

BULK TRUCK DRIVER

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REMARKS:

SERVICE

1st Plug 2930' w/25 SKS

2nd Plug 2000 w/100 SKS

3rd Plug 375 w/40 SKS

40' w/10 SKS

15 SKS in Rat Hole

Thank you

DEPTH OF JOB	<u>2930</u>
PUMP TRUCK CHARGE	<u>630.00</u>
EXTRA FOOTAGE	@
MILEAGE	<u>45 miles @ 3.00</u> <u>135.00</u>
PLUG <u>8 5/8 Plug</u>	@ <u>23.00</u>
	@
	@

TOTAL 785.00
788.00

CHARGE TO: Ritchie Exploration Inc

STREET _____

CITY _____ STATE _____ ZIP _____

RECEIVED

JUN 03 2002

KCC WICHITA

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 266.55

DISCOUNT 924.95 IF PAID IN 30 DAYS

SIGNATURE Michael Pedigo

Michael Pedigo
PRINTED NAME



RECEIVED
JUN 03 2004
KCC WICHITA

5-31-04
~~5-31-03~~

May 31, 2002

Release
JUL 16 2004
From
Confidential

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

RE: Miller 31B #1
API #15-193-20685
1650' FNL & 1260' FWL Section 31-6S-35W
Thomas County, Kansas

Dear Sir or Madam:

Ritchie Exploration, Inc. requests the ACO-1 form on the above captioned well be held confidential for an additional one (1) year period to June 1, 2004.

Thank you for the time taken with this matter.

Sincerely,

RITCHIE EXPLORATION, INC.

Debbie Phillips
Accounting Supervisor