

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999

Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

RECEIVED
12-20-2002
ORIGINAL
KCC WICHITA

CONFIDENTIAL

Operator: License # 4767

Name: Ritchie Exploration, Inc.

Address: PO Box 783188

City/State/Zip: Wichita, Kansas 67278

Purchaser: NCRA

Operator Contact Person: Rocky Milford

Phone: (316) 691-9500

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

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. _____

09-21-02 09-27-02 11/12/02

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 135-24195-00-00

County: Ness County, Kansas

N/2 NE Sec. 30 Twp. 19 S. R. 21 East West

660 feet from S / (N) (circle one) Line of Section

1300 feet from (E) / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) (NE) SE NW SW

Lease Name: Moore B/P Well #: 7

Field Name: Schaben

Producing Formation: Mississippian

Elevation: Ground: 2297' Kelly Bushing: 2305'

Total Depth: 4427' Plug Back Total Depth: 4427'

Amount of Surface Pipe Set and Cemented at 350 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 1519 Feet

If Alternate II completion, cement circulated from 1519

feet depth to surface w/ 250 sx cmt.

Drilling Fluid Management Plan All 11 Eel 1-9-03
(Data must be collected from the Reserve Pit)

Chloride content 25,000 ppm Fluid volume 1,000 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 # _____

RELEASED

JAN 14 2005

FROM CONFIDENTIAL

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: [Signature]

Title: Production Manager Date: 12/19/02

Subscribed and sworn to before me this 19th day of December

2002

Notary Public: Karen Hopper

Date Commission Expires: _____

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

KCC Office Use ONLY

YES Letter of Confidentiality Attached
If Denied, Yes Date: _____

YES Wireline Log Received

YES Geologist Report Received

UIC Distribution

Operator Name: **Ritchie Exploration, Inc.** Lease Name: **Moore B/P** Well #: **7**

Sec. **30** Twp. **19** S. R. **21** East West County: **Ness County, Kansas**

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.

<p>Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i></p> <p>Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i></p> <p>List All E. Logs Run: Radiation Guard Log</p>	<p><input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample</p> <p>Name _____ Top _____ Datum _____</p> <p>See attached</p>
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CASING RECORD <input checked="" 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	# Sacs Used	Type and Percent Additives
Surface	12-1/4"	8-5/8"	23#	350'	60/40 Poz	190	3%cc 2%gel
Production	7-7/8"	5-1/2"	14#	4409'	60/40 Poz	150	10%salt 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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 7/8"	4391'		

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
11/12/02	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i>

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	32		0		

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Sumit ACO-18.)</i>	<input checked="" type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other <i>(Specify)</i>	

CONFIDENTIAL

ORIGINAL



RELEASED

RECEIVED

KCC

JAN 04 2005

DEC 20 2002

DEC 19 2002 FROM CONFIDENTIAL KCC WICHITA

CONFIDENTIAL

#7 Moore B/P
 660' FNL & 1300' FEL
 Section 30-19S-21W
 Ness County, Kansas
 Schaben Field
 API#15-135-24195-0000
 Duke Drilling Rig #8
 Field Geologist: Jeff Christian
 Office Geologist: Rocky Milford
 Staked Elevation: 2,297' GL 2,305' KB

FINAL DRILLING REPORT

DRILLING REPORT

Electric Log Tops

Anhydrite	1518'	+787
B/Anhy	1552'	+753
Heebner	3778'	-1473
Lansing	3825'	-1520
B/KC	4134'	-1829
Pawnee	4240'	-1935
Ft. Scott	4319'	-2014
Cherokee	4337'	-2032
Miss. War.	Absent	
Osage	4407'	-2102
LTD	4411'	-2106

CONFIDENTIAL

ORIGINAL

ALLIED CEMENTING CO., INC. 13107

RELEASED

KCC

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

JAN 04 2005

DEC 19 2002

SERVICE POINT:

Less City

FROM CONFIDENTIAL

DATE 10-9-02	SEC. 30	TWP. 19	RANGE 21	LOCATION 7:00 AM	LOCATION 8:00 AM	JOB START 9:30 AM	JOB FINISH 11:00 AM
LEASE MARR	WELL # 7	LOCATION Bazine - 5 south - 3/4 East		COUNTY Less	STATE KS		
OLD OR NEW (Circle one)			South into				

CONTRACTOR Kelso

TYPE OF JOB Port collar

HOLE SIZE _____ T.D. _____

CASING SIZE 5 1/2 DEPTH 1519 Port collar

TUBING SIZE 2" DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX 1000' MINIMUM 300

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. - 0 -

PERFS. _____

DISPLACEMENT _____

OWNER Ritchie Exploration

CEMENT

AMOUNT ORDERED 325 sx 1 1/2" casing

used 250 sx cement

COMMON	<u>250 ACW</u>	@	<u>6.30</u>	<u>1575.00</u>
POZMIX		@		
GEL		@		
CHLORIDE		@		
	<u>Flo Seal 63"</u>	@	<u>1.40</u>	<u>88.20</u>
		@		
		@		
		@		
		@		
HANDLING	<u>325</u>	@	<u>1.10</u>	<u>357.50</u>
MILEAGE	<u>17</u>			<u>221.00</u>
RECEIVED				
DEC 20 2002				
				TOTAL <u>2241.70</u>

EQUIPMENT

PUMP TRUCK CEMENTER Jack

224 HELPER Jim

BULK TRUCK

357 DRIVER Lonnie

BULK TRUCK

_____ DRIVER _____

REMARKS:

Test port collar - Break circ - Cement with 250 sx cement - close port collar & test - Run 5 1/2' tubing & circ hole clean -

Thanks

KCC WICOMTA SERVICE

DEPTH OF JOB	<u>1519'</u>		
PUMP TRUCK CHARGE			<u>1130.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>17</u>	@	<u>3.00</u>
PLUG		@	
		@	
		@	
TOTAL <u>1181.00</u>			

CHARGE TO: Ritchie Exploration

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 - 0 -

TOTAL CHARGE 3422.70

DISCOUNT 342.27 IF PAID IN 30 DAYS

SIGNATURE Mick Kelso

Mick Kelso

Mick Kelso

PRINTED NAME Mick Kelso

Net \$ 3080.43

CONFIDENTIAL

ORIGINAL

ALLIED CEMENTING CO., INC. 13152

RELEASED

KCC

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

JAN 04 2005

DEC 19 2002

SERVICE POINT:

New City

FROM CONFIDENTIAL

DATE <u>9-28-02</u>	SEC. <u>30</u>	TWP. <u>19</u>	RANGE <u>21</u>	CALL TIME <u>9:30 AM</u>	LOCATION <u>12:30 PM</u>	JOB START <u>4:45 PM</u>	JOB FINISH <u>7:00 PM</u>
LEASE <u>Moore</u>		WELL # <u>7</u>	LOCATION <u>Bayline 4 1/2 S, 3/4 E, S/5</u>		COUNTY <u>New</u>	STATE <u>Ka</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR Duke #4

TYPE OF JOB Production

HOLE SIZE 7 7/8" T.D. 4411'

CASING SIZE 5 1/2" DEPTH 4409'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL Portcollar DEPTH 1519'

PRES. MAX 1000# 1900# MINIMUM _____

MEAS. LINE To Sp. Jct. SHOE JOINT 21.70'

CEMENT LEFT IN CSG. 21.70'

OWNER Same

CEMENT

AMOUNT ORDERED 175 lbs 60/40 220 Ash,

10% salt,

500 gal ASF,

COMMON	<u>10.5</u>	@ <u>6.65</u>	<u>698.25</u>
POZMIX	<u>70</u>	@ <u>3.55</u>	<u>248.50</u>
GEL	<u>3</u>	@ <u>10.00</u>	<u>30.00</u>
CHLORIDE		@	
<u>Salt - 18</u>		@ <u>7.50</u>	<u>135.00</u>
<u>ASF - 500 gal</u>		@ <u>1.00</u>	<u>500.00</u>
		@	
		@	
HANDLING	<u>196</u>	@ <u>1.10</u>	<u>215.60</u>
MILEAGE	<u>16</u>		<u>125.44</u>

PERFS. _____

DISPLACEMENT 109 bbls

EQUIPMENT

PUMP TRUCK CEMENTER Tim D

224 HELPER Jim W

BULK TRUCK

341 DRIVER Lonnie M.

BULK TRUCK

_____ DRIVER _____

RECEIVED

DEC 20 2002

TOTAL 1952.79

KCC WICHITA SERVICE

REMARKS:

Ran 4409' of 5 1/2" csg. Broke circulation
set triplex shoe, pumped 500 gal ASF
followed by 150 lbs 60/40 220 Ash
10% salt. Worked up. Released plug.
Replaced with fresh H₂O, landed
plug at 1000#. Released and float held.
Dugged to hole w/ 15 lbs Mousse hole w/ 10 lbs

DEPTH OF JOB	<u>4409'</u>		
PUMP TRUCK CHARGE			<u>1195.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>16</u>	@ <u>3.00</u>	<u>48.00</u>
PLUG <u>1-5 1/2" Rubber</u>		@ <u>60.00</u>	<u>60.00</u>
		@	
		@	

TOTAL 1303.00

CHARGE TO: Ritchie Exploration

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

<u>1-5 1/2" Triplex Shoe</u>	@ <u>1300.00</u>	<u>1300.00</u>
<u>1-5 1/2" Insert</u>	@ <u>235.00</u>	<u>235.00</u>
<u>4-5 1/2" Centralizers</u>	@ <u>50.00</u>	<u>200.00</u>
<u>1-5 1/2" Basket</u>	@ <u>128.00</u>	<u>128.00</u>
<u>1-5 1/2" Portcollar</u>	@ <u>1750.00</u>	<u>1750.00</u>

TOTAL 3613.00

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	<u>- 0 -</u>
TOTAL CHARGE	<u>6868.79</u>
DISCOUNT	<u>686.88</u> IF PAID IN 30 DAYS

SIGNATURE Benjamin D. With

PRINTED NAME _____

Net \$ 6181.91

CONFIDENTIAL

ORIGINAL

ALLIED CEMENTING CO., INC. 13196

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

NCC
DEC 19 2002

SERVICE POINT:

DATE <u>9-21-02</u>	SEC. <u>30</u>	TWP. <u>19</u>	RANGE <u>27</u>	CONFIDENTIAL	CALLED OUT <u>5:00 PM</u>	ON LOCATION <u>9:00 PM</u>	JOB START <u>2:45 AM</u>	JOB FINISH <u>3:30 AM</u>
LEASE <u>Moore</u>	WELL # <u>7</u>	LOCATION <u>Bayline 4 1/2 S, 3/4 E, 5/16 into</u>			COUNTY <u>Now</u>	STATE <u>Ka</u>		

9-21-02 Mt Bend
9-22-02

CONTRACTOR Aube #8

TYPE OF JOB Surface

HOLE SIZE 12 1/4" T.D. 350'

CASING SIZE 8 5/8" DEPTH 350'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15'

PERFS. _____

DISPLACEMENT 2 1/2 bbls

OWNER Same

CEMENT AMOUNT ORDERED 190 lbs 60/40 3% CC, 290 Mel,

EQUIPMENT

PUMP TRUCK CEMENTER Tom D

181 HELPER Bob B

BULK TRUCK DRIVER Steve T

344 DRIVER _____

RELEASED

JAN 04 2005

FROM CONFIDENTIAL

COMMON	<u>114</u>	@	<u>6.65</u>	<u>758.10</u>
POZMIX	<u>76</u>	@	<u>3.55</u>	<u>269.80</u>
GEL	<u>3</u>	@	<u>10.00</u>	<u>30.00</u>
CHLORIDE	<u>6</u>	@	<u>30.00</u>	<u>180.00</u>
HANDLING	<u>199</u>	@	<u>1.10</u>	<u>218.90</u>
MILEAGE	<u>16</u>	@		<u>127.36</u>

TOTAL 1584.16

REMARKS:

Ran 350' of 8 5/8" cas. Broke circulation
Mixed 190 lbs 60/40 3% CC, 290 Mel.
Released Plug. Displaced with fresh
H₂O.

Cement did circulate ✓

Thanks

CHARGE TO: Ritchie Exploration

STREET _____
CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB	<u>350'</u>			
PUMP TRUCK CHARGE	<u>0-300'</u>			<u>520.00</u>
EXTRA FOOTAGE	<u>50'</u>	@	<u>.50</u>	<u>25.00</u>
MILEAGE	<u>16</u>	@	<u>3.00</u>	<u>48.00</u>
PLUG	<u>1-8 5/8 wooden</u>	@	<u>45.00</u>	<u>45.00</u>

TOTAL # 638.00

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 2222.16
 DISCOUNT 222.22 IF PAID IN 30 DAYS

SIGNATURE Rich Wheeler

SIGNATURE Rich Wheeler
PRINTED NAME

Net #: 1999.94