

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 4767  
Name: Ritchie Exploration, Inc.  
Address: P.O. Box 783188  
City/State/Zip: Wichita, KS 67278-3188  
Purchaser: NCRA  
Operator Contact Person: John Niemberger  
Phone: (316) 691-9500  
Contractor: Name: Duke Drilling, Inc.  
License: 5929  
Wellsite Geologist: Craig Caulk

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. \_\_\_\_\_

10/6/04 10/16/04 11/9/04  
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 155-21473-00-00  
County: Reno  
S2 SW NE SE Sec. 4 Twp. 24 S. R. 4  East  West  
2976 feet from S N (circle one) Line of Section  
1975 feet from E W (circle one) Line of Section

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

Lease Name: Hoffman Well #: 5  
Field Name: Burton

Producing Formation: Mississippian

Elevation: Ground: 1472 Kelly Bushing: 1480

Total Depth: 3395 Plug Back Total Depth: 3365

Amount of Surface Pipe Set and Cemented at 276 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) ALT I WITHIN 5-1-07  
Chloride content 1600 ppm Fluid volume 180 bbls  
Dewatering method used \*\*\*Steel Pits - Hauled off all fluids

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: [Signature]

Title: Production Manager Date: 1/24/05

Subscribed and sworn to before me this 24<sup>th</sup> day of January

20 05  
Notary Public: [Signature] My Appt. Expires 5/4/07

Date Commission Expires: 5/4/07

**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
**RECEIVED**  
**JAN 25 2005**

KCC WICHITA

Operator Name: Ritchie Exploration, Inc. Lease Name: Hoffman Well #: 5  
 Sec. 4 Twp. 24 S. R. 4  East  West County: Reno

**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)

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
Lansing	2617	-1137
Hush/Shale	2970	-1490
Cherokee Shale	3160	-1680
Mississippian	3307	-1827
Mississippian Osage	3350	-1870
RTD	3395	-1915

List All E. Logs Run:

**KCC**  
**JAN 23 2005**  
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Radiation Guard Log

CASING RECORD <input checked="" 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	# Sacks Used	Type and Percent Additives
Conductor	28	20"	90#	78'	common	170	3%cc, 2% gel
Surface	17-1/2	13-3/8"	48#	276'	common	300	3%cc, 2% gel
Production	7-7/8	5-1/2	15.5#	3391'	pozmix	100	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 (Amount and Kind of Material Used)	Depth
4	3350.5 - 3359.5 (Mississippian 11/2/04)	500 gals 15% & 500 bbls gelled water with 13000 pounds of sand	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-7/8	3333		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.	Producing Method			
11/21/04	<input type="checkbox"/> Flowing <input checked="" 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
	6		320	

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

**RECEIVED**  
**JAN 25 2005**  
**KCC WICHITA**

# ALLIED CEMENTING CO., INC.

17671 ✓

Federal Tax I.D.#

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

SERVICE POINT:

St. Bend

DATE <u>10-6-04</u>	SEC. <u>4</u>	TWP. <u>24</u>	RANGE <u>4</u>	CALLED OUT <u>11:00AM</u>	ON LOCATION <u>1:45PM</u>	JOB START <u>2:15PM</u>	JOB FINISH <u>3:00PM</u>
LEASE <u>Hoffman</u>		WELL # <u>5</u>	LOCATION <u>50+61 Jct 7E to Haven Rd</u>		COUNTY <u>Renov</u>	STATE <u>Ka</u>	
OLD OR <u>NEW</u> (Circle one)			<u>25, 1E, 1/2 S W/into</u>				

CONTRACTOR Rosenkrantz & Bernier

TYPE OF JOB Conductor

HOLE SIZE 28" T.D. 80'

CASING SIZE 20" DEPTH 80'

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

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

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

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

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

CEMENT LEFT IN CSG. 15'

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

DISPLACEMENT 27 1/2 bbls

OWNER Same

CEMENT

AMOUNT ORDERED 170 lbs common

370cc 220 gel

EQUIPMENT

PUMP TRUCK CEMENTER Tom D

# 181 HELPER Bob B

BULK TRUCK

# 344 DRIVER Marilyn S

BULK TRUCK

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

COMMON	<u>170</u>	@	<u>7.85</u>	<u>1334.50</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>11.00</u>	<u>33.00</u>
CHLORIDE	<u>5</u>	@	<u>33.00</u>	<u>165.00</u>
ASC		@		
<u>Sugar KCC 80#</u>		@	<u>.80</u>	<u>64.00</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>178</u>	@	<u>1.35</u>	<u>240.30</u>
MILEAGE	<u>60.5</u>	@	<u>1.78</u>	<u>534.00</u>
TOTAL				<u>2370.80</u>

REMARKS:

Run 80' of 20" Cas. Break Circulation  
Mixed 170 lbs common 370cc 220 gel.  
Displaced with fresh H2O.

Cement did circulate  
Cement in collar.

[Signature]

CHARGE TO: Ritchie

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

SERVICE

DEPTH OF JOB	<u>80'</u>			
PUMP TRUCK CHARGE				<u>570.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>60</u>	@	<u>4.00</u>	<u>240.00</u>
		@		
		@		
		@		
TOTAL				<u>810.00</u>

PLUG & FLOAT EQUIPMENT

MANIFOLD \_\_\_\_\_ @ RECEIVED

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ JAN 25 2005

\_\_\_\_\_ @ KCC WICHITA

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL 0

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 [Signature]

TAX \_\_\_\_\_

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

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

Steve H. Stephens  
PRINTED NAME



# ALLIED CEMENTING CO., INC. 20093

Federal Tax I.D.#

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

SERVICE POINT:  
Great Bend

DATE <u>10-16-04</u>	SEC. <u>4</u>	TWP. <u>24</u>	RANGE <u>4</u>	CALLED OUT <u>10:00 Am</u>	ON LOCATION <u>1:00 pm</u>	JOB START <u>4:30 pm</u>	JOB FINISH <u>5:30 pm</u>
LEASE <u>Hoffman</u>	WELL # <u>#5</u>	LOCATION <u>East of Hutchinson to Haven</u>			COUNTY <u>Beno</u>	STATE <u>KS</u>	
OLD OR <u>(NEW)</u> (Circle one)			Reel of 500 highway - 2.5 / 1E / 2s, / west into				

CONTRACTOR <u>Duke B</u>	OWNER <u>Ritchie Exploration</u>
TYPE OF JOB <u>Longstring 5 1/2 csg</u>	
HOLE SIZE <u>7 7/8</u>	T.D. <u>3395</u>
CASING SIZE <u>5 1/2</u>	DEPTH <u>3393</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT <u>19'</u>
CEMENT LEFT IN CSG. <u>19'</u>	
PERFS.	
DISPLACEMENT <u>82 BBLs</u>	

CEMENT  
AMOUNT ORDERED 125 sy common with  
10% salt - 2% gel + 3/4 of 1% CD-31  
+ 500 gal mud flush

COMMON <u>75 MB</u>	@	<u>7.85</u>	<u>588.75</u>
POZMIX <u>50 MB</u>	@	<u>4.0</u>	<u>200.00</u>
GEL <u>2 MB</u>	@	<u>11.00</u>	<u>22.00</u>
CHLORIDE	@		
ASC	@		
SALT <u>15 MB</u>	@	<u>7.50</u>	<u>112.50</u>
CD-31 <u>80 #</u>	@	<u>5.50</u>	<u>440.00</u>
D-Form <u>20 #</u>	@	<u>5.25</u>	<u>105.00</u>
AS FLUSH <u>500 GAL</u>	@	<u>1.00</u>	<u>500.00</u>
HANDLING <u>143 MB</u>	@	<u>1.35</u>	<u>193.05</u>
MILEAGE <u>143 MB OS</u>	@	<u>60</u>	<u>429.00</u>
TOTAL			<u>2595.30</u>

EQUIPMENT	
PUMP TRUCK # <u>120</u>	CEMENTER <u>Jack</u>
BULK TRUCK # <u>341</u>	HELPER <u>J.D.</u>
BULK TRUCK #	DRIVER <u>Marlyn</u>
BULK TRUCK #	DRIVER

JAN 24 2005  
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REMARKS:

Run 77 jk of 5 1/2 csg - break c/c on it #75 - Run to Bottom -  
Run mud flush - cement Rat hole & mouse hole - Run 100 sy cement & Displace plug with 82 BBLs of Fresh water - insert hole -  
Thanks

SERVICE

DEPTH OF JOB <u>3393'</u>	
PUMP TRUCK CHARGE	<u>1180.00</u>
EXTRA FOOTAGE	@
MILEAGE <u>60</u>	@ <u>4.00</u> <u>240.00</u>
MANIFOLD	@
TOTAL	<u>1420.00</u>

CHARGE TO: Ritchie Exploration  
STREET \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PLUG & FLOAT EQUIPMENT

1-5 1/2 guide shoe	@	<u>150.00</u>	<u>150.00</u>
4-5 1/2 Turbo centralizers	@	<u>60.00</u>	<u>240.00</u>
1-5 1/2 insert	@	<u>235.00</u>	<u>235.00</u>
1-5 1/2 Rubber Plug	@	<u>60.00</u>	<u>60.00</u>
TOTAL			<u>685.00</u>

To Allied Cementing Co., Inc.  
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TAX \_\_\_\_\_  
TOTAL CHARGE \_\_\_\_\_  
DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

SIGNATURE Bennie Wills

RECEIVED  
JAN 25 2005  
KCC WICHITA

PRINTED NAME

0011617