

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

1/9/10
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: Murfin Drilling, Inc.
License: 30606
Wellsite Geologist: Roger Fisher

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. _____

9/14/07	9/25/07	9/25/07
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 101-22042-0000
County: Lane
approx W/2 W/2 SE Sec. 35 Twp. 17 S. R. 30 East West
1280 feet from (S) N (circle one) Line of Section
2400 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: Cramer-Martin Well #: 1

Field Name: _____
Producing Formation: Pleasanton
Elevation: Ground: 2835 Kelly Bushing: 2846
Total Depth: 4590 Plug Back Total Depth: 4555
Amount of Surface Pipe Set and Cemented at 233 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 2136 Feet
If Alternate II completion, cement circulated from 2136
feet depth to surface w/ 300 sx cmt.

Drilling Fluid Management Plan AK # 10342809
(Data must be collected from the Reserve Pit)
Chloride content 17600 ppm Fluid volume 550 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 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: 1/9/08
Subscribed and sworn to before me this 9th day of January,
2008.
Notary Public: [Signature]
Date Commission Expires: 5-4-11

DEBRA K. PHILLIPS
Notary Public - State of Kansas
My Appt. Expires 5-4-11

KCC Office Use ONLY
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
RECEIVED
KANSAS CORPORATION COMMISSION
JAN 10 2008

CONSERVATION DIVISION
WICHITA, KS

Operator Name: Ritchie Exploration, Inc. Lease Name: Cramer-Martin Well #: 1
 Sec. 35 Twp. 17 S. R. 30 East West County: Lane

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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Dual Induction Log Compensated Density/Neutron Log	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample Name Top Datum <p style="text-align: center; font-weight: bold;">SEE ATTACHED</p> <div style="text-align: center; font-size: 2em; font-weight: bold; transform: rotate(-15deg); opacity: 0.5;"> CONFIDENTIAL JAN 09 2008 KCC </div>
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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
Surface	12-1/4	8-5/8	24	233	common	170	3%cc, 2% gel
Production	7-7/8	5-1/2	15.5	4581	ASC	170	10% salt, 2% gel & 3/4% CD-31

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	4291.3' - 4295.3' (10/8/07)		

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2-7/8	4552			
Date of First, Resumerd Production, SWD or Enhr.			Producing Method			
10/12/07			<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	
	126		12		35	

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 _____

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 WICHITA, KS



#1 Cramer-Martin

1280' FSL & 2400' FEL

40' S & 90' W of W/2 W/2 SE Section 35-17S-30W

Lane County, Kansas

API# 15-101-22042-0000

Elevation: 2835' GL: 2846' KB

<u>Sample Tops</u>			<u>Ref.</u> <u>Well</u>
Anhydrite	2211'	+635	-13
B/Anhydrite	2232'	+614	-9
Heebner	3888'	-1042	+14
Lansing	3929'	-1083	+12
Muncie Shale	4094'	-1248	+16
Lansing "H"	4112'	-1266	+13
Lansing "J"	4168'	-1322	+20
Stark Shale	4195'	-1349	+20
Lansing "K"	4204'	-1358	+17
Lansing "L"	4241'	-1395	+17
BKC	4277'	-1431	+20
Pleasanton	4283'	-1437	+21
Altamont	4329'	-1483	+27
Pawnee	4398'	-1552	+18
Cherokee Shale	4472'	-1626	+16
Johnson	4511'	-1665	+19
Mississippian	4539'	-1693	+17

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KANSAS CORPORATION COMMISSION

JAN 10 2008

CONSERVATION DIVISION
WICHITA, KS

ALLIED CEMENTING CO., INC.

31738

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

SERVICE POINT:
Dakley

DATE <u>10-1-07</u>	SEC. <u>35</u>	TWP. <u>17s</u>	RANGE <u>30 w</u>	CALLED OUT	ON LOCATION <u>12:30 pm</u>	JOB START <u>1:30 pm</u>	JOB FINISH <u>7:00 pm</u>
LEASE <u>Clamer martin</u>	WELL # <u>1</u>	LOCATION <u>Healy 5s 3/4 N into</u>	COUNTY <u>Lane</u>	STATE <u>KS</u>			
OLD OR NEW (Circle one)							

CONTRACTOR Plains well service

TYPE OF JOB Port collar

HOLE SIZE _____ T.D. _____

CASING SIZE 5 1/2 DEPTH _____

TUBING SIZE 2 7/8 DEPTH 2136

DRILL PIPE _____ DEPTH _____

TOOL Port collar DEPTH 2136

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

EQUIPMENT

PUMP TRUCK CEMENTER Andrew

423-281 HELPER Alan

BULK TRUCK

394 DRIVER Lonnie

BULK TRUCK

_____ DRIVER _____

REMARKS:

pressure system to 1200#

take injection rate 4 gpm min

300# mix 300 sks 60% 4% flo

displace run 3 joints in reverse

clean,

thank you

CHARGE TO: Ritchie

STREET _____

CITY _____ STATE _____ ZIP _____

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 Thomas A. Atkins

OWNER same

CEMENT

AMOUNT ORDERED 450 sks 6 3/4 6 1/2 gel

4 1/2 flo-seal

used 300 sks

COMMON	<u>180 sks</u>	@	<u>12.60</u>	<u>2268.00</u>
POZMIX	<u>120 sks</u>	@	<u>6.40</u>	<u>768.00</u>
GEL	<u>15 sks</u>	@	<u>16.65</u>	<u>249.75</u>
CHLORIDE		@		
ASC		@		

HANDLING 477 sks @ 1.90 906.30

MILEAGE 99 sk/mile 2489.94

TOTAL 6681.99

SERVICE

DEPTH OF JOB 2136'

PUMP TRUCK CHARGE 955.00

EXTRA FOOTAGE @ _____

MILEAGE 58 miles @ 6.00 348.00

MANIFOLD @ _____

TOTAL 1303.00

PLUG & FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME THOMAS A. ATKINS

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JAN 6 9 2008

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KANSAS CORPORATION COMMISSION

JAN 10 2008

CONSERVATION DIVISION
WICHITA, KS

ALLIED CEMENTING CO., INC.

28744

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

SERVICE POINT:
DAKLEY

DATE <u>9-14-07</u>	SEC <u>35</u>	TWP <u>17S</u>	RANGE <u>30W</u>	CALLED OUT	ON LOCATION <u>8:00 PM</u>	JOB START <u>12:45 AM</u>	JOB FINISH <u>1:15 AM</u>
LEASE <u>CRAMER - MARTIN</u>		WELL # <u>1</u>	LOCATION <u>HEAVY 55-1/4E NE IN</u>		COUNTY <u>LANE</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR <u>MURFEN DRUG. REG # 14</u>	OWNER <u>SAME</u>
TYPE OF JOB <u>SURFACE</u>	
HOLE SIZE <u>12 1/4"</u>	T.D. <u>236'</u>
CASING SIZE <u>8 5/8"</u>	DEPTH <u>236'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>15'</u>	
PERFS.	
DISPLACEMENT <u>14 BBLs</u>	
CEMENT AMOUNT ORDERED <u>170 SKS COM 3 1/2 CC 2 1/2 GEL</u>	

EQUIPMENT	
PUMP TRUCK # <u>417</u>	CEMENTER <u>TERRY</u> HELPER <u>WAYNE</u>
BULK TRUCK # <u>377</u>	DRIVER <u>ALLEN</u>
BULK TRUCK #	DRIVER

COMMON	<u>170 SKS</u>	@	<u>12 60</u>	<u>2142 00</u>
POZMIX		@		
GEL	<u>3 SKS</u>	@	<u>16 65</u>	<u>49 95</u>
CHLORIDE	<u>6 SKS</u>	@	<u>46 60</u>	<u>279 60</u>
ASC		@		
HANDLING	<u>179 SKS</u>	@	<u>1 20</u>	<u>340 10</u>
MILEAGE	<u>94 PER SKI</u>		<u>9 34</u>	<u>38</u>
TOTAL				<u>3746 00</u>

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REMARKS:

CEMENT did CIRC.

THANK YOU

CHARGE TO: RITCHIE EXPLORATION
STREET _____
CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB	<u>236'</u>		
PUMP TRUCK CHARGE			<u>915 00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>58 MI</u>	@	<u>6 00</u> <u>348 00</u>
MANIFOLD		@	
<u>HEAD RENTAL</u>		@	<u>100 00</u>
TOTAL <u>1263 00</u>			

PLUG & FLOAT EQUIPMENT

<u>8 5/8" SURFACE PLUG</u>			<u>60 00</u>
	@		
	@		
	@		
	@		
TOTAL <u>60 00</u>			

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 Greg Ulrich

PRINTED NAME Greg Ulrich

TAX _____
TOTAL CHARGE _____
DISCOUNT _____ IF PAID IN 30 DAYS

RECEIVED
KANSAS CORPORATION COMMISSION

JAN 10 2008

CONSERVATION DIVISION
WICHITA, KS

ALLIED CEMENTING CO., INC.

30447

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

SERVICE POINT:
Great Bend, Ks

JAN 09 2007

DATE <u>9-26-07</u>	SEC <u>35</u>	TWP <u>17N</u>	RANGE <u>30</u>	CALLED OUT <u>3:00 pm</u>	ON LOCATION <u>9:15 pm</u>	JOB START <u>10:00 AM</u>	JOB FINISH <u>11:00 AM</u>
Crames-Martin LEASE		WELL# <u>1</u>	LOCATION <u>Healy, 5S, 3/4 E, 1/2</u>		COUNTY <u>Lane</u>	STATE <u>KS</u>	
OLD OR (NEW) (Circle one)							

CONTRACTOR Murfin #14

TYPE OF JOB Long strip pipe job

HOLE SIZE 7 7/8" T.D. 4590'

CASING SIZE 5 1/2" 15.50# DEPTH 4592'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL port collar DEPTH 2136'

PRES. MAX 1200# PSI MINIMUM 0

MEAS. LINE _____ SHOE JOINT 20.91'

CEMENT LEFT IN CSG. 20.91'

PERFS. _____

DISPLACEMENT 110 1/2 BBLs of freshwater

EQUIPMENT

PUMP TRUCK # 120 CEMENTER Rick H.
HELPER David J. - Tyler W.

BULK TRUCK # 341 DRIVER Decek D.

BULK TRUCK # _____ DRIVER _____

OWNER Ritchie Exploration

CEMENT AMOUNT ORDERED 195 sy ASC with 3/4 of 1% CD-31 with D-foamer

COMMON	@		
POZMIX	@		
GEL	<u>40#</u>	@	<u>16.65 66.60</u>
CHLORIDE	@		
ASC	<u>195 sy</u>	@	<u>13.75 2681.25</u>
SALT	<u>12 AM</u>	@	<u>19.20 230.40</u>
ACD-31	<u>137#</u>	@	<u>7.50 1027.50</u>
D-FOAM	<u>40#</u>	@	<u>7.20 288.00</u>
ASFUSH	<u>500 GA</u>	@	<u>1.00 500.00</u>
	@		
	@		
	@		
	@		
HANDLING	<u>223 sy</u>	@	<u>1.90 423.70</u>
MILEAGE	<u>223 AM 109 SB</u>	@	<u>1164.06</u>
		TOTAL	<u>6381.51</u>

REMARKS:

pipe on bottom, broke circulation, pump 51 BBLs of water, 500 gal ASF, 5 BBLs of water shut down plugged Rat & mouse holes, hooked truck to casing & mixed 170 sy ASC with 3/4 of 1% of CD-31 w/d-foamer. shutdown knock off wash pump & lines hook back to casing & released plug & displaced with 110 1/2 BBLs of freshwater pressured to 1200# released & held, rigged down

SERVICE

DEPTH OF JOB 4581'

PUMP TRUCK CHARGE _____ 1750.00

EXTRA FOOTAGE _____ @ _____

MILEAGE 58 @ 6.00 348.00

MANIFOLD Head Vent @ 100.00 100.00

TOTAL 2198.00

CHARGE TO: Ritchie Exploration

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

1-5 1/2" Guideshoe	@	<u>170.00 170.00</u>
1-5 1/2" Insert	@	<u>260.00 260.00</u>
7-5 1/2" Centralizers	@	<u>50.00 350.00</u>
3-5 1/2" Baskets	@	<u>165.00 495.00</u>
1-5 1/2" Rubber plug	@	<u>15.00 15.00</u>
1-5 1/2" port collar	@	<u>1750.00 1750.00</u>
		TOTAL <u>3090.00</u>

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 X Gary Rowe

SIGNATURE X Gary Rowe
PRINTED NAME

JRW