

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

8/14/07

Form ACO-1
September 1999
Form Must Be Typed

Operator: License # 4767
Name: Ritchie Exploration, Inc.
Address: P.O. Box 783188
City/State/Zip: Wichita, KS 67278-3188
Purchaser: KCC
Operator Contact Person: Craig Caulk
Phone: (316) 691-9500
Contractor: Name: Murfin Drilling Co., 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. _____
4/29/07 5/10/07 5/10/07
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 109-20774-0000
County: Logan
10S 20W S/2 S/2 Sec. 28 Twp. 12 S. R. 34 East West
650 feet from S N (circle one) Line of Section
2620 feet from E W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Frahm Unit Well #: 1

Field Name: _____
Producing Formation: _____
Elevation: Ground: 3095 Kelly Bushing: 3105
Total Depth: 4720 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 241 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 cm.

Drilling Fluid Management Plan PAN 3-4-05
(Data must be collected from the Reserve Pit)
Chloride content 28000 ppm Fluid volume 485 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: Geologist Date: 8/14/07
Subscribed and sworn to before me this 14th day of August, 2007.
Notary Public: [Signature]
Date Commission 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

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

AUG 15 2007
CONSERVATION DIVISION
WICHITA, KS

Side Two

Operator Name: Ritchie Exploration, Inc. Lease Name: Frahm Unit Well #: 1
 Sec. 28 Twp. 12 S. R. 34 East West County: Logan

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-size: 1.2em;">SEE ATTACHED</p> <div style="text-align: right; font-weight: bold; font-size: 1.2em;"> KCC AUG 14 2007 CONFIDENTIAL </div>
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CASING RECORD <input 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	# Sacks Used	Type and Percent Additives
Surface	12-1/4	8-5/8	23	241	common	175	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	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	
				Depth

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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)		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	Production Interval _____
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RECEIVED
 KANSAS CORPORATION COMMISSION
 AUG 15 2007
 CONSERVATION DIVISION
 WICHITA, KS



#1 Frahm Unit

650' FSL & 2620' FWL

10'S & 20'W of S/2 S/2 Section 28-12S-34W

Logan County, Kansas

API# 15-109-20774-00000

Elevation: 3095' GL, 3105' KB

Sample Tops			Ref. Well
Anhydrite	2540'	+565	+6
B/Anhydrite	2562'	+543	+6
Heebner	3958'	-853	+2
Toronto	3979'	-874	+5
Lansing	4001'	-896	+4
Lansing "E"	4084'	-979	+4
Lansing "H"	4174'	-1069	+1
Lansing "I"	4204'	-1099	+3
Lansing "J"	4230'	-1125	+4
Stark Shale	4245'	-1140	+3
Lansing "K"	4256'	-1151	+4
BKC	4306'	-1201	+3
Altamont	4375'	-1270	+3
Fort Scott	4503'	-1398	+1
Cherokee Shale	4534'	-1429	-1
Johnson	4581'	-1476	flat
Mississippian	4676'	-1571	-16
RTD	4720'	-1615	

KCC
AUG 14 2007
CONFIDENTIAL

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

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

8100 E. 22nd St. N., Bldg. **AUG 15 2007**
Wichita, Kansas 67226-2328

RECEIVED
KANSAS CORPORATION COMMISSION

CONSERVATION DIVISION
WICHITA, KS

ALLIED CEMENTING CO., INC. 25848

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

SERVICE POINT:
Oakley KS

DATE <u>4-29-07</u>	SEC. <u>28</u>	TWP. <u>12</u>	RANGE <u>34</u>	CALLED OUT	ON LOCATION <u>9:45 pm</u>	JOB START <u>10:30 am</u>	JOB FINISH <u>11:30 am</u>
LEASE <u>Fraham Cont</u>	WELL # <u>#1</u>	LOCATION <u>Monument S-2 cont</u>			COUNTY <u>Logan</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			<u>30-320-55-1win</u>				

CONTRACTOR Mur #14 OWNER Sgmo

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 243

CASING SIZE 8 5/8 DEPTH 243

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15'

PERFS. _____

DISPLACEMENT 14.5 BBL

CEMENT AMOUNT ORDERED 175 Com 33.00
2 cell

COMMON	<u>175</u>	@ <u>12.60</u>	<u>2205.00</u>
POZMIX		@	
GEL	<u>3</u>	@ <u>16.65</u>	<u>49.95</u>
CHLORIDE	<u>6</u>	@ <u>46.00</u>	<u>276.00</u>
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>184</u>	@ <u>1.90</u>	<u>349.60</u>
MILEAGE	<u>.07 x 5 km</u>		<u>397.44</u>
TOTAL			<u>3281.39</u>

EQUIPMENT

PUMP TRUCK CEMENTER Fuzz

422 HELPER Kelly

BULK TRUCK

218 DRIVER Alvin

BULK TRUCK

_____ DRIVER _____

REMARKS:
cement did circulate

Plug down @ 11:00 pm

THANKS FUZZ + crew

SERVICE

DEPTH OF JOB	<u>243'</u>		
PUMP TRUCK CHARGE			<u>815.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>24</u>	@ <u>6.00</u>	<u>144.00</u>
MANIFOLD	<u>ahead</u>	@	<u>100.00</u>
		@	
		@	
TOTAL			<u>1059.00</u>

CHARGE TO: Ritchie Exploration

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

<u>1.8518 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 [Signature]

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME Craig Church

KCC
AUG 14 2007
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RECEIVED
KANSAS CORPORATION COMMISSION
AUG 15 2007
CONSERVATION DIVISION
WICHITA, KS

ALLIED CEMENTING CO., INC.

25894

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

SERVICE POINT:

DAKLEX

DATE <u>5-10-07</u>	SEC <u>28</u>	TWP <u>12S</u>	RANGE <u>34W</u>	CALLED OUT	ON LOCATION <u>3:45 PM</u>	JOB START <u>5:30 PM</u>	JOB FINISH <u>6:30 PM</u>
LEASE <u>PARHAM UNIT</u>	WELL # <u>1</u>	LOCATION <u>MONUMENT 45-3W-5S-W</u>			COUNTY <u>LOGAN</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>IN</u>							

CONTRACTOR MURFIN DRUG. REG #14 OWNER SAME

TYPE OF JOB PTA

HOLE SIZE 7 7/8" T.D. 4720' CEMENT AMOUNT ORDERED 200 SKS 60/40 POZ 6% GEL

CASING SIZE _____ DEPTH _____ 1 1/4" FIB SEAL

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2" DEPTH 2550'

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____ COMMON 120 SKS @ 12.60 1512.00

MEAS. LINE _____ SHOE JOINT _____ POZMIX 90 SKS @ 6.20 512.00

CEMENT LEFT IN CSG. _____ GEL 10 SKS @ 16.65 166.50

PERFS. _____ CHLORIDE _____

DISPLACEMENT _____ ASC _____

EQUIPMENT

PUMP TRUCK CEMENTER TERRY FIB SEAL 50' @ 2.00 100.00

422 HELPER WAYNE @ _____

BULK TRUCK _____ @ _____

377 DRIVER DARRIN @ _____

BULK TRUCK _____ @ _____

_____ DRIVER _____ @ _____

HANDLING 212 SKS @ 1.98 402.80

MILEAGE 94 PER SKI MILE 457.92

TOTAL 3151.00

REMARKS:

25 SKS AT 2550'

100 SKS AT 1575'

40 SKS AT 300'

10 SKS AT 40'

15 SKS RAT HOLE

10 SKS MOUSE HOLE

SERVICE

DEPTH OF JOB 2550'

PUMP TRUCK CHARGE 955.00

EXTRA FOOTAGE @ _____

MILEAGE 24 MI @ 6.00 144.00

MANIFOLD @ _____

TOTAL 1099.00

PLUG & FLOAT EQUIPMENT

8 5/8 DRY HOLE 35.00

TOTAL 35.00

CHARGE TO: RETCHER EXPLORATION, INC.

STREET _____

CITY _____ STATE _____ ZIP _____

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You are hereby requested to rent cementing equipment and furnish cement 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 KANSAS CORPORATION COMMISSION

SIGNATURE Greg Unruh

Greg Unruh
PRINTED NAME

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RECEIVED
AUG 15 2007
CONSERVATION DIVISION
WICHITA, KS