

8/2/09

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

CONFIDENTIAL

Operator: License # 4767
 Name: Ritchie Exploration, Inc.
 Address: P.O. Box 783188
 City/State/Zip: Wichita, KS 67278-3188
 Purchaser: _____
 Operator Contact Person: Craig Caulk
 Phone: (316) 691-9500
 Contractor: Name: Murfin Drilling Co., Inc.
 License: 30606
 Wellsite Geologist: Jeff Christian
 Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW 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. _____

<u>4/7/07</u>	<u>4/18/07</u>	<u>4/18/07</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

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AUG 02 2007
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API No. 15 - 193-20720-0000
 County: Thomas
 approx. W/2 NW SW Sec. 23 Twp. 10 S. R. 32 East West
2050 feet from S / N (circle one) Line of Section
480 feet from E W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Harrison Well #: 1
 Field Name: _____
 Producing Formation: _____
 Elevation: Ground: 3060 Kelly Bushing: 3070
 Total Depth: 4725 Plug Back Total Depth: _____
 Amount of Surface Pipe Set and Cemented at 309 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 PANJ 3-4-09
 (Data must be collected from the Reserve Pit)
 Chloride content 19000 ppm Fluid volume 975 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: Craig Caulk
 Title: Geologist Date: 8/2/07
 Subscribed and sworn to before me this 2nd day of August,
2007.
 Notary Public: Debra K. Phillips
 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
 AUG 03 2007

CONSERVATION DIVISION
WICHITA, KS

Operator Name: Ritchie Exploration, Inc. Lease Name: Harrison Well #: 1
 Sec. 23 Twp. 10 S. R. 32 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.

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey Cores Taken Electric Log Run <i>(Submit Copy)</i> List All E. Logs Run: Dual Induction Log Compensated Density/Neutron Log	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample Name Top Datum SEE ATTACHED <div style="text-align: center; font-weight: bold; font-size: 1.2em;"> KCC AUG 02 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	309	common	225	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 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
Date of First, Resumerd Production, SWD of 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 <div style="text-align: right; font-weight: bold;"> RECEIVED KANSAS CORPORATION COMMISSION AUG 03 2007 CONSERVATION DIVISION WICHITA, KS </div>
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#1 Harrison

2050' FSL & 480' FWL

70'N & 150'E of W/2 NW SW Section 23-10S-32W

Thomas County, Kansas

API# 15-193-20720-0000

Elevation: 3060' GL, 3070' KB

<u>Sample Tops</u>			<u>Ref.</u> <u>Well</u>
Anhydrite	2602'	+468	-9
B/Anhydrite	2630'	+440	-11
Heebner	4026'	-956	-9
Lansing	4066'	-996	-9
Lansing "E" zone	4143'	-1073	-9
Lansing "J" zone	4271'	-1201	-9
Stark Shale	4285'	-1215	-9
Lansing "K" zone	4295'	-1225	-8
Pawnee	4467'	-1397	-7
Myric Limestone	4511'	-1441	-5
Fort Scott	4531'	-1461	-4
Cherokee Shale	4562'	-1492	-7
Johnson	4605'	-1535	-6
Mississippian	4674'	-1604	-3

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

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

RECEIVED
KANSAS CORPORATION COMMISSION
AUG 03 2007
8100 E. 22nd St. N., Bldg. 900
Wichita, Kansas 67226-2328
CONSERVATION DIVISION
WICHITA, KS

ALLIED CEMENTING CO., INC. 25324

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

SERVICE POINT:

Oakley

DATE <u>4-18-07</u>	SEC. <u>23</u>	TWP. <u>10</u>	RANGE <u>32</u>	CALLED OUT	ON LOCATION <u>3:30 A.M.</u>	JOB START <u>6:00 A.M.</u>	JOB FINISH <u>7:30 A.M.</u>
LEASE <u>Harrison</u>	WELL# <u>1</u>	LOCATION <u>OAKLEY</u>	<u>4N E into</u>	COUNTY <u>Thomas</u>	STATE <u>KS</u>		
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Murfin Drilling Rig 14

TYPE OF JOB PTA

HOLE SIZE 7 7/8 T.D. 4725'

CASING SIZE DEPTH

TUBING SIZE DEPTH

DRILL PIPE 4 1/2 DEPTH 2616'

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT

OWNER same

CEMENT

AMOUNT ORDERED 200 SKS 40/40 Gogel

14# FLO-seal

COMMON	<u>120 SKS</u>	@	<u>12.60</u>	<u>1512.00</u>
POZMIX	<u>80 SKS</u>	@	<u>6.40</u>	<u>512.00</u>
GEL	<u>10 SKS</u>	@	<u>16.65</u>	<u>166.50</u>
CHLORIDE		@		
ASC		@		
		@		
	<u>FLO-seal 50#</u>	@	<u>2.00</u>	<u>100.00</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>211 SKS</u>	@	<u>1.90</u>	<u>400.90</u>
MILEAGE	<u>Minimum charge</u>			<u>250.00</u>
TOTAL				<u>2941.40</u>

EQUIPMENT

PUMP TRUCK CEMENTER Andrew

423-281 HELPER Alan

BULK TRUCK

377 DRIVER Mike

BULK TRUCK

DRIVER

REMARKS:

<u>2616'</u>	<u>25 SKS</u>
<u>1760'</u>	<u>100 SKS</u>
<u>360'</u>	<u>40 SKS</u>
<u>40'</u>	<u>10 SKS</u>
<u>10H</u>	<u>10 SKS</u>
<u>RH</u>	<u>15 SKS</u>

Thank you

CHARGE TO: Ritchie Exploration

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB		
PUMP TRUCK CHARGE		<u>955.00</u>
EXTRA FOOTAGE	@	
MILEAGE <u>5 miles</u>	@	<u>6.00</u> <u>30.00</u>
MANIFOLD	@	
	@	
	@	
TOTAL		<u>985-</u>

PLUG & 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.

SIGNATURE [Signature]

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

COREY CHURCH
PRINTED NAME

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KANSAS CORPORATION COMMISSION
AUG 03 2007
CONSERVATION DIVISION
WICHITA, KS