

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: _____
Operator Contact Person: John Niernberger
Phone: (316) 691-9500
Contractor: Name: Val Energy, Inc.
License: 5822
Wellsite Geologist: Mike Engelbrecht

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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. _____

3/22/06 4/4/06 4/4/06
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 171-20618-0000
County: Scott
Sec. 13 Twp. 17 S. R. 31 East West
1450 feet from S / N (circle one) Line of Section
360 4920 feet from E / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: McClellan 13C SWD Well #: 1

Field Name: _____
Producing Formation: _____
Elevation: Ground: 2903' Kelly Bushing: 2913'
Total Depth: 4622' Plug Back Total Depth: 2279'
Amount of Surface Pipe Set and Cemented at 239 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 SWD NH 7-7-08
(Data must be collected from the Reserve Pit)
Chloride content 17700 ppm Fluid volume 900 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: _____
Title: Production Manager Date: 6/15/06
Subscribed and sworn to before me this 15th day of June
06
Notary Public: _____
Date Commission Expires: 5/4/07

DEBRA K. PHILLIPS
Notary Public - State of Kansas
My Appt. Expires 5/4/07

KCC Office Use ONLY
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
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Operator Name: Ritchie Exploration, Inc. Lease Name: McClellan 13C SWD Well #: 1
 Sec. 13 Twp. 17 S. R. 31 East West County: Scott

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

List All E. Logs Run:

Radiation Guard Log
 Dual Receiver Cement Bond Log

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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#	239'	common	160	3%cc, 2% gel
Production	7-7/8	4-1/2	10.5#	2311'	60/40 pozmix & common	400 & 100	6% gel & 1/4# flocele (poz)

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
1	2008' - 2030 (Cedar Hills)		

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-3/8	1952'	1949'	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. 5/26/06			Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

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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#1 McClellan 13C SWD
1450' FSL & 360' FWL
130'N & 30'E of W/2 W/2 SW
Section 13-17S-31W
Scott County, Kansas
API# 15-171-20618-0000
Elevation: 2903' GL: 2913' KB

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<u>Sample Tops</u>			<u>Ref.</u>	<u>Well</u>
Anhydrite	2302'	+611	-7	
B/Anhydrite	2324'	+589	-9	
Heebner	3908'	-995	-3	
Lansing	3948'	-1035	-3	
Muncie Shale	4121'	-1208	flat	
Stark Shale	4223'	-1310	-3	
Hush Shale	4266'	-1353	-5	
Altamont	4356'	-1443	-5	
Pawnee	4423'	-1510	-2	
Cherokee Shale	4500'	-1587	-6	
Mississippian	4570'	-1657	-6	
RTD	4622'	-1709		

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ALLIED CEMENTING CO., INC. 23876

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

SERVICE POINT:
OAKLEY

DATE <u>3-23-06</u>	SEC. <u>13</u>	TWP. <u>17S</u>	RANGE <u>31W</u>	CALLED OUT	ON LOCATION <u>8:30 PM</u>	JOB START <u>10:00 AM</u>	JOB FINISH <u>10:30 PM</u>
LEASE <u>McCLELLAN 113C</u>	WELL # <u>1</u>	LOCATION <u>HWY 4 & MANNING RD - 1E-1/2S</u>			COUNTY <u>SCOTT</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> (NEW) (Circle one)				<u>E IN</u>			

CONTRACTOR VIA DRUG RITE #1

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4" T.D. 248'

CASING SIZE 8 5/8" DEPTH 244'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15'

PERFS. _____

DISPLACEMENT 14 1/2 BBL.

OWNER SAME

CEMENT AMOUNT ORDERED 160 SKS COM 3100 286EL

COMMON	<u>160 SKS</u>	@ <u>11%</u>	<u>1760⁰⁰</u>
POZMIX		@	
GEL	<u>3 SKS</u>	@ <u>15%</u>	<u>45⁰⁰</u>
CHLORIDE	<u>5 SKS</u>	@ <u>42%</u>	<u>210⁰⁰</u>
ASC		@	

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HANDLING	<u>168 SKS</u>	@ <u>1.30</u>	<u>285⁶⁰</u>
MILEAGE	<u>74 PER SKI</u>	<u>M/K</u>	<u>588⁰⁰</u>
TOTAL			<u>2888⁶⁰</u>

REMARKS:

CEMENT died CIRC.

SERVICE

DEPTH OF JOB	<u>244</u>		
PUMP TRUCK CHARGE			<u>735⁰⁰</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>50 MI</u>	@ <u>5%</u>	<u>250⁰⁰</u>
MANIFOLD		@	
		@	
		@	

THANK YOU

CHARGE TO: RITCHIE EXPLORATION, INC.

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL 985⁰⁰

PLUG & FLOAT EQUIPMENT

<u>8 5/8 SURFACE plug</u>	@	<u>55⁰⁰</u>
	@	
	@	
	@	
	@	
TOTAL		<u>55⁰⁰</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 Rick Smith

Rick Smith
PRINTED NAME

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06/15/08

June 15, 2006

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State Corporation Commission
Conservation Division
130 S. Market, Room 2078
Wichita, KS 67202

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RE: #1 McClellan 13C SWD
Sec. 13-17S-31W
Scott County, Kansas

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To Whom It May Concern:

Enclosed please find an ACO-1 for the above referenced well. The required attachments have also been enclosed. Ritchie Exploration, Inc. would like for this to be held confidential for the maximum allowable time.

If you have any questions, please feel free to call the undersigned or John Niernberger at 316-691-9500. Thank you for all of your help in this matter.

Sincerely,

Debbie Phillips
Accounting Supervisor

dkp

Enclosures