

12-05-08

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 Niernberger
Phone: (316) 691-9500
Contractor: Name: WW Drilling, LLC
License: 33575
Wellsite Geologist: Terry McLeod

KCC
DEC 05 2008
CONFIDENTIAL

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>8/11/06</u>	<u>8/17/06</u>	<u>8/17/06</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 137-20457-0000
County: Norton
_____ C _____ SW _____ SW Sec. 22 Twp. 5 S. R. 23 East West
600 _____ feet from S / N (circle one) Line of Section
600 _____ feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Schaben 22BC Well #: 2
Field Name: _____

Producing Formation: LKC
Elevation: Ground: 2266 Kelly Bushing: 2271
Total Depth: 3860 Plug Back Total Depth: 3810
Amount of Surface Pipe Set and Cemented at 219 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1873 Feet
If Alternate II completion, cement circulated from 1873
feet depth to surface w/ 260 sx cmt.

Drilling Fluid Management Plan Att II NH 8-20-08
(Data must be collected from the Reserve Pit)
Chloride content 39000 ppm Fluid volume 980 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: 12/5/06
Subscribed and sworn to before me this 5th day of December,
2006.
Notary Public: [Signature]
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

RECEIVED
DEC 06 2006
KCC WICHITA

Operator Name: Ritchie Exploration, Inc. Lease Name: Schaben 22BC Well #: 2
 Sec. 22 Twp. 5 S. R. 23 East West County: Norton

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: Gamma Ray CCL Log Radiation Guard Log	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample Name Top Datum SEE ATTACHED <div style="text-align: right; font-family: cursive;"> KCC DEC 05 2006 CONFIDENTIAL </div>
--	--

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	219	common	150	3%cc, 2% gel
Production	7-7/8	4-1/2	10.5	3854	60/40 pozmix	175	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	3602.5' - 3605.5' (8/25/06)	500 gals 15% NE	

TUBING RECORD		Size <u>2-3/8</u>	Set At <u>3806</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <u>9/8/06</u>			Producing Method <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. <u>28.54</u>	Gas Mcf	Water Bbls. <u>0</u>	Gas-Oil Ratio	Gravity <u>33.48</u>

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

DEC 06 2006

KCC WICHITA



KCC
DEC 05 2006
CONFIDENTIAL

#2 Schaben 22BC
600' FSL & 600' FWL
60'S & 60'W of C SW SW
Section 22-5S-23W
Norton County, Kansas
API# 15-137-20457-0000
Elevation: 2266' GL: 2271' KB

Sample Tops			Ref. Well
Anhydrite	1902'	+369	flat
B/Anhydrite	1932'	+339	flat
Topeka	3221'	-950	-2
Heebner	3419'	-1148	-3
Lansing "A"	3458'	-1187	-3
Lansing "D"	3507'	-1236	-4
Lansing "E"	3523'	-1252	-3
Lansing "H"	3575'	-1304	-3
Lansing "J"	3603'	-1332	-1
Stark	3612'	-1341	-3
BKC	3649'	-1378	-2
Arbuckle	3817'	-1546	-30
Reagan	3841'	-1570	N/A
Granite Wash	3849'	-1578	N/A
RTD	3860'	-1589	

RECEIVED
DEC 06 2006
KCC WICHITA

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. 700
Wichita, Kansas 67226-2328

ALLIED CEMENTING CO., INC.

27997

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

SERVICE POINT:

Russell

DATE	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
8-21-06				9:00AM	10:00AM	10:30AM	12:45PM
LEASE #22 SCHABER AC #2				LOCATION S. Norton To Hwy 9 + 283 Jct. Norton		COUNTY	STATE
WELL # 2				3 W 1 S 4 W 1 S 2 E N11to,		Norton	Kansas
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR Express Well Service OWNER _____

TYPE OF JOB Open Port-Collar Circ-cement

HOLE SIZE _____ T.D. _____

CASING SIZE 4 1/2 DEPTH _____

TUBING SIZE 2 3/8 DEPTH _____

DRILL PIPE (Boomer) DEPTH _____

TOOL X-Port Port Collar DEPTH @ 1873'

PRES. MAX 1200# MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT 7 1/4 / BBL

EQUIPMENT _____

PUMP TRUCK CEMENTER OLEN H

398 HELPER Gary

BULK TRUCK _____

396 DRIVER BRANDON

BULK TRUCK _____

_____ DRIVER _____

CEMENT (USED 260 SK)

AMOUNT ORDERED 42.5 SK @ 60/90 6% GEL

1/4 # FIO-SEAL

PER SK

COMMON	<u>156 SK</u>	@	<u>10.65</u>	<u>1661.40</u>
POZMIX	<u>104 SK</u>	@	<u>5.80</u>	<u>603.20</u>
GEL	<u>14 SK</u>	@	<u>16.65</u>	<u>233.10</u>
CHLORIDE		@		
ASC		@		
FIO-SEAL	<u>67 #</u>	@	<u>2.00 per</u>	<u>134.00</u>
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>439 Total SK</u>	@	<u>1.90</u>	<u>834.10</u>
MILEAGE	<u>85 Total Mile</u>	@	<u>.09</u>	<u>3358.35</u>
TOTAL				<u>6824.15</u>

KCC
DEC 05 2006
CONFIDENTIAL

REMARKS:

Port Collar @ 1873' Test CSG. To 1200# (held) open port collar & received very good circulation mixed 260 SK cement, & cement circulated around annulus disp. 6 BBL, & closed P.C. re-check to 1200# (held) run SJTS & wash clean. Pull tubing
THANK'S

SERVICE

DEPTH OF JOB	_____	
PUMP TRUCK CHARGE	_____	<u>955.00</u>
EXTRA FOOTAGE	@	_____
MILEAGE	@ <u>85</u>	<u>6.00</u> = <u>510.00</u>
MANIFOLD	@	_____
	@	_____
	@	_____

CHARGE TO: ITCHIE EXPIRATION

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL 1465.00

STATE Rep. "KCC" (Cement DID ON LOCATION, CIRCULATE)

RESC & 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.

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE [Signature]

PRINTED NAME

RECEIVED
DEC 06 2006
KCC WICHITA

ALLIED CEMENTING CO., INC. 24589

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

SERVICE POINT:
OAKLEY, KS

DATE <u>8-17-06</u>	SEC. <u>22</u>	TWR <u>35</u>	RANGE <u>23W</u>	CALLED OUT	ON LOCATION <u>8:30am</u>	JOB START <u>12:00am</u>	JOB FINISH <u>1:30am</u>
LEASE <u>Schaben</u>	WELL# <u>22-BC</u>	LOCATION <u>Lenora Sec-15-14W</u>	COUNTY <u>Wichita</u>	STATE <u>KS</u>			
OLD OR NEW (Circle one) <u>NEW</u>		<u>15-3/4" win</u>					

CONTRACTOR W & W #4 OWNER SAME

TYPE OF JOB Production String

HOLE SIZE 7 7/8 T.D. 3860'

CASING SIZE 4 1/2 10 1/2 DEPTH 3854'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 37'

CEMENT LEFT IN CSG. 37'

PERFS.

DISPLACEMENT 60.69 Bbls

EQUIPMENT

PUMP TRUCK CEMENTER Fuzzy

191 HELPER Wayne

BULK TRUCK

218 DRIVER Mike

BULK TRUCK

DRIVER

CEMENT			
AMOUNT ORDERED <u>190 SKS</u>			
<u>6040 10% salt</u>	<u>20 gal</u>		
<u>3140 10% CD-31 DeFoamer</u>			
<u>300 gal WFR-II</u>			
COMMON	<u>114</u>	@ <u>12.20</u>	<u>1390.80</u>
POZMIX	<u>76</u>	@ <u>6.10</u>	<u>463.60</u>
GEL	<u>3</u>	@ <u>16.50</u>	<u>49.50</u>
CHLORIDE		@	<u>49.95</u>
ASC	<u>cut</u>		
SALT	<u>10</u>	@ <u>19.20</u>	<u>192.00</u>
		@	
CD-31	<u>122</u>	@ <u>7.50</u>	<u>915.00</u>
		@	
DeFoamer	<u>9</u>	@ <u>7.20</u>	<u>64.80</u>
		@	
WFR-II	<u>500</u>	@ <u>1.00</u>	<u>500.00</u>
		@	
HANDLING	<u>209</u>	@ <u>1.90</u>	<u>397.10</u>
MILEAGE	<u>109.5 km</u>	@ <u>15.88</u>	<u>1728.35</u>
TOTAL			<u>5333.90</u>

REMARKS:

Mix + Pump 500 gal WFR II
Mix 155 SKS RH
Mix 175 SKS down csg.
wash out pump lines Displace
plus to insert 1000 press 200'
hand press 1200 at 4' held
plus down @ 1:30am
Thanks Fuzzy crew.

SERVICE

DEPTH OF JOB	<u>3854'</u>		
PUMP TRUCK CHARGE			<u>1610.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>95</u>	@ <u>6.00</u>	<u>570.00</u>
MANIFOLD		@	
Head		@	<u>100.00</u>
		@	
TOTAL			<u>2220.00</u>

CHARGE TO: Ritchie Exploration Inc

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

1- Guide shoe			<u>125.00</u>
1- AFU Insert			<u>215.00</u>
1- Port collar (8)			<u>1600.00</u>
7- Turbulators	@ <u>55.00</u>		<u>385.00</u>
2- Baskets	@ <u>130.00</u>		<u>260.00</u>
1- Rubber Plug	@		<u>55.00</u>
TOTAL			<u>2640.00</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 Thomas A. Ad

PRINTED NAME Tom

KCC
 DEC 05 2006
 CONFIDENTIAL

RECEIVED
 DEC 06 2006
 KCC WICHITA

ALLIED CEMENTING CO., INC. 24991

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

SERVICE POINT:
OAKLEY

DATE <u>8-11-06</u>	SEC. <u>22</u>	TWP. <u>5S</u>	RANGE <u>23W</u>	CALLED OUT	ON LOCATION <u>8:00 PM</u>	JOB START <u>8:15 PM</u>	JOB FINISH <u>8:30 PM</u>
LEASE <u>SCHABAN 228C</u>	WELL # <u>2</u>	LOCATION <u>LONDRA SE-15-14W-15-34E</u>			COUNTY <u>NORTON</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>				N IN			

CONTRACTOR W+W DRILL RIG # 4 OWNER SAME

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4" T.D. 220' CEMENT AMOUNT ORDERED 150 SKS CAM 316CL 28 GEL

CASING SIZE 8 5/8" DEPTH 219'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 13 BBL.

EQUIPMENT

PUMP TRUCK CEMENTER TERRY

191 HELPER WAYNE

BULK TRUCK

386 DRIVER MIKE

BULK TRUCK

DRIVER

REMARKS:

CEMENT did CIRC

THANK YOU

CHARGE TO: RITCHIE EXPLORATION

STREET

CITY STATE ZIP

TOTAL 1301.20

PLUG & FLOAT EQUIPMENT

TOTAL

TAX

TOTAL CHARGE

DISCOUNT IF PAID IN 30 DAYS

SIGNATURE Kirby Stewart

PRINTED NAME Jaw

KCC
DEC 05 2006
CONFIDENTIAL

RECEIVED
DEC 06 2006
KCC WICHITA

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.



12/5/08

December 5, 2006

KCC
DEC 05 2006
CONFIDENTIAL

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

RE: #2 Schaben 22BC
Sec. 22-5S-23W
Norton County, Kansas

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

RECEIVED
DEC 06 2006
KCC WICHITA