

CONFIDENTIAL

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

Form ACO-1
September 1999
Form Must Be Typed

ORIGINAL

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: Brad Rine

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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. _____

2/25/06 3/4/06 3/4/06
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 137-20449 -00-00
County: Norton
Approx. C NW SW Sec. 22 Twp. 5 S. R. 23 East West
2052 feet from S N (circle one) Line of Section
758 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 #: 1

Field Name: _____
Producing Formation: LKC
Elevation: Ground: 2194' Kelly Bushing: 2199'
Total Depth: 3750' Plug Back Total Depth: 3706'
Amount of Surface Pipe Set and Cemented at 232 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1792' Feet
If Alternate II completion, cement circulated from 1792'
feet depth to surface w/ 290 sx cmt.

Drilling Fluid Management Plan Alt II NH 7-7-08
(Data must be collected from the Reserve Pit)

Chloride content 1000 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: _____
Title: Production Manager Date: 6/14/06
Subscribed and sworn to before me this 14th day of June
2006
Notary Public: Debra K. Phillips
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

Operator Name: Ritchie Exploration, Inc. Lease Name: Schaben 22BC Well #: 1
 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: 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> <p style="text-align: center; font-size: 1.5em; font-weight: bold;">KCC JUN 14 2006 CONFIDENTIAL</p>
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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	28#	232'	common	165	3%cc, 2% gel
Production	7-7/8	4-1/2	10.5#	3727'	60/40 pozmix	160	10% salt, 2% gel & 3/4# CD31

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
4	3528.5' - 3533' & 3499' - 3503' (3/14/06) - LKC	1000 gallons 15% NE	

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
		2-3/8	3696'				
Date of First, Resumerd Production, SWD or Enhr.			Producing Method				
3/31/06			<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		
	8		0		31.6		

Disposition of Gas Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled _____
(If vented, Submit ACO-18.) Other (Specify) _____



#1 Schaben 22BC

2052' FSL & 758' FWL

72'N & 98'E of C NW SW Section 22-5S-23W

Norton County, Kansas

API# 15-137-20449-0000

Elevation: 2194' GL: 2199' KB

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<u>Sample Tops</u>			<u>Ref.</u> <u>Well</u>
Anhydrite	1834'	+365	-13
Base Anhydrite	1864'	+335	-11
Topeka	3148'	-949	-14
Heebner	3344'	-1145	-13
Toronto	3369'	-1170	-13
Lansing	3388'	-1189	-13
Lansing "D" zone	3432'	-1233	-11
Lansing "H" zone	3500'	-1301	-12
Lansing "J" zone	3531'	-1332	-12
Lansing "K" zone	3549'	-1350	-12
Lansing "L" zone	3563'	-1364	-15
Base Kansas City	3574'	-1375	-13
Arbuckle	3716'	-1517	-21
RTD	3750'	-1551	

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JUN 15 2006
KCC WICHITA

ALLIED CEMENTING CO., INC.

25903

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

RECEIVED

JUN 15 2006

SERVICE POINT:

Oakley

DATE <u>3-4-06</u>	SEC. <u>22</u>	TWP. <u>55</u>	RANGE <u>23rd</u>	CALLED OUT <u>6:30 AM</u>	ON LOCATION <u>6:30 AM</u>	JOB START <u>10:45 AM</u>	JOB FINISH <u>11:15 AM</u>
Schaben LEASE <u>22 BC</u> WELL # <u>1</u>				LOCATION <u>Norton, south to Jet</u>		COUNTY <u>Norton</u>	STATE <u>Kan</u>
OLD OR NEW (Circle one) <u>NEW</u>				1S-1/2W-3/4S			

CONTRACTOR W-W Dels Co #4

TYPE OF JOB Production

HOLE SIZE 7 7/8 T.D. 3750'

CASING SIZE 4 1/2 DEPTH 3727

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT 16.70'

CEMENT LEFT IN CSG. 16.70'

PERFS. _____

DISPLACEMENT 59 - BBL

OWNER Same

CEMENT AMOUNT ORDERED 175 SKS 60/40 per

10% Salt, 2% Gel, 3/4 of 1% CD-31

500 gal WFR-2

COMMON	<u>10.5 SKS @</u>	<u>11.00</u>	<u>1,155.00</u>
POZMIX	<u>70 SKS @</u>	<u>5.20</u>	<u>364.00</u>
GEL	<u>3 SKS @</u>	<u>15.00</u>	<u>45.00</u>
CHLORIDE	@		
ASC	@		
Salt	<u>15 SKS @</u>	<u>17.30</u>	<u>259.50</u>
CD-31	<u>113 # @</u>	<u>6.75</u>	<u>762.75</u>
DeFoamer	<u>7 # @</u>	<u>6.50</u>	<u>45.50</u>
WFR-2	<u>500 gal @</u>	<u>1.00</u>	<u>500.00</u>
HANDLING	<u>197 SKS @</u>	<u>1.70</u>	<u>334.90</u>
MILEAGE	<u>74 per SK/mile</u>		<u>1,172.15</u>
TOTAL			<u>4,638.80</u>

EQUIPMENT

PUMP TRUCK # 191 CEMENTER Walt HELPER Jarrod

BULK TRUCK # 218 DRIVER Jack

BULK TRUCK # _____ DRIVER _____

REMARKS:

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Put 15 SKs in R.H

Pump 500 gal WFR-2

mixed 160 SKs down casing

clean Pump + Lines

Displace 59 BBL Landed Plus

Thank You

SERVICE

DEPTH OF JOB		
PUMP TRUCK CHARGE		<u>1,450.00</u>
EXTRA FOOTAGE	@	
MILEAGE <u>85 miles</u>	@ <u>5.00</u>	<u>425.00</u>
MANIFOLD	@	
<u>Head rental</u>	@	<u>80.00</u>

CHARGE TO: Ritchie Exploration, Inc

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL 1,955.00

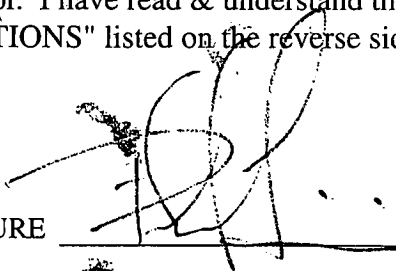
PLUG & FLOAT EQUIPMENT

4 1/2

1- Guide Shoe	@	<u>125.00</u>
1- AEU insert	@	<u>210.00</u>
7- Turb-Centralizers	@ <u>45.00</u>	<u>315.00</u>
2- Baskets	@ <u>116.00</u>	<u>232.00</u>
1- Port Collar	@	<u>1,600.00</u>

TOTAL 2,482.00

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 

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME Jarrod

ALLIED CEMENTING CO., INC.

22385

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

SERVICE POINT:

Oakley

DATE <u>2-25-06</u> <i>5/19/06</i>	SEC. <u>22</u>	TWP. <u>5S</u>	RANGE <u>23W</u>	CALLED OUT	ON LOCATION <u>4:10 PM</u>	JOB START <u>5:50 AM</u>	JOB FINISH <u>6:15 PM</u>
LEASE <u>223C</u>	WELL # <u>1</u>	LOCATION <u>Norton S Hwy 9+283 1S 2W</u>		COUNTY <u>Norton</u>	STATE <u>Ks</u>		
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR WtW Dtg Rig 4

TYPE OF JOB Surface

HOLE SIZE 8 5/8 T.D. 234'

CASING SIZE 8 5/8 DEPTH 231.38'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15'

PERFS. _____

DISPLACEMENT 13 1/2 Bbls

EQUIPMENT _____

PUMP TRUCK CEMENTER Dean

373-281 HELPER Jarrod

BULK TRUCK _____

377 DRIVER Mike

BULK TRUCK _____

_____ DRIVER _____

OWNER same

CEMENT KCC

AMOUNT ORDERED CONFIDENTIAL

165 SKS Com 390 cc 290 Gcl

COMMON	<u>165 SKS</u>	@ <u>11.00</u>	<u>1815.00</u>
POZMIX		@	
GEL	<u>3 SKS</u>	@ <u>15.00</u>	<u>45.00</u>
CHLORIDE	<u>6 SKS</u>	@ <u>42.00</u>	<u>252.00</u>
ASC		@	

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HANDLING	<u>174 SKS</u>	@ <u>1.70</u>	<u>295.80</u>
MILEAGE	<u>74.56 Mile</u>		<u>1035.30</u>
TOTAL			<u>3443.10</u>

REMARKS:

Cement did circulate

Thank you

CHARGE TO: Bitchie Exploration Inc.

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB	<u>231'</u>		
PUMP TRUCK CHARGE			<u>785.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>85 SKS</u>	@ <u>5.00</u>	<u>425.00</u>
MANIFOLD		@	
TOTAL			<u>1160.00</u>

PLUG & FLOAT EQUIPMENT

<u>8 5/8 Surface Plug</u>	@	<u>55.00</u>
	@	
	@	
	@	
	@	
TOTAL		<u>55.00</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 Bill Leby

THANKS !!

PRINTED NAME Bill Leby

ALLIED CEMENTING CO., INC.

22341

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

SERVICE POINT: OAKLEY KS

DATE <u>3-7-06</u>	SEC. <u>22</u>	TWP. <u>5S</u>	RANGE <u>23W</u>	CALLED OUT	ON LOCATION <u>12:00pm</u>	JOB START <u>1:30pm</u>	JOB FINISH <u>2:30pm</u>
LEASE <u>Schaben 22 BC</u>	WELL # <u>1</u>	LOCATION <u>Norton S-Jet</u>			COUNTY <u>Worton</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>				<u>15-1/2w-314s win</u>		<u>KCC</u>	

CONTRACTOR Gyress Well Service OWNER same JUN 14 2006
TYPE OF JOB Port Collar

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HOLE SIZE	T.D.
CASING SIZE <u>4 1/2</u>	DEPTH
TUBING SIZE <u>2 3/8</u>	DEPTH <u>1792'</u>
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT <u>6.9 BALS</u>	

CEMENT			
AMOUNT ORDERED <u>900 60/40 6' bag</u>			
<u>114# flo-seal</u>			
<u>290 used</u>			
COMMON <u>174</u>	@ <u>11.00</u>	<u>1914.00</u>	
POZMIX <u>116</u>	@ <u>5.20</u>	<u>603.20</u>	
GEL <u>15</u>	@ <u>15.00</u>	<u>225.00</u>	
CHLORIDE	@		
ASC	@		
<u>Cl-scal 72#</u>	@ <u>1.80</u>	<u>129.60</u>	
RECEIVED			
<u>June 2 - 2006</u>			
KCC WICHITA			
HANDLING <u>424</u>	@ <u>1.70</u>	<u>720.80</u>	
MILEAGE <u>107 x 5.2 mile</u>		<u>2522.80</u>	
		<u>TOTAL 6115.40</u>	

EQUIPMENT

PUMP TRUCK	CEMENTER <u>Fuzzy</u>
# <u>373</u>	HELPER <u>Andrew</u>
BULK TRUCK	
# <u>394</u>	DRIVER <u>Kelly</u>
BULK TRUCK	
#	DRIVER

REMARKS:

press ths to 1200 psi. & hold
establish circulation
mix 290 sks cement displace
6 1/2 BALS close tool
press tool to 1200 psi.
run 5 JTS reverse ths clean
Job complete @ 2:30pm
Thanks Fuzzy & crew

SERVICE

DEPTH OF JOB <u>1792'</u>		
PUMP TRUCK CHARGE		<u>860.00</u>
EXTRA FOOTAGE	@	
MILEAGE <u>85</u>	@ <u>5.00</u>	<u>425.00</u>
MANIFOLD	@	
	@	
	@	
		<u>TOTAL 1285.00</u>

CHARGE TO: Ritchie Exploration
STREET _____
CITY _____ STATE _____ ZIP _____

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

PRINTED NAME _____



06/14/08

KCC

JUN 14 2006

CONFIDENTIAL

June 14, 2006

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

RE: #1 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

JUN 15 2006

KCC WICHITA