

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

8/01/10

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 Niemberger
Phone: (316) 691-9500
Contractor: Name: WW Drilling, LLC
License: 33575
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. _____

4/8/08 4/14/08 4/14/08

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 137-20478-0000

County: Norton

approx. C N/2 NW/4 Sec. 22 Twp. 5 S. R. 23 East West

521 feet from S (N) (circle one) Line of Section

1348 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 #: 3

Field Name: _____

Producing Formation: LKC

Elevation: Ground: 2167' Kelly Bushing: 2172'

Total Depth: 3580' Plug Back Total Depth: 3551'

Amount of Surface Pipe Set and Cemented at 207 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 1800 Feet

If Alternate II completion, cement circulated from 1800

feet depth to surface w/ 260 sx cmt.

Drilling Fluid Management Plan A17 II NH 10-14-08
(Data must be collected from the Reserve Pit)

Chloride content 29000 ppm Fluid volume 950 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: _____

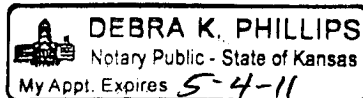
Title: Production Manager Date: 8/1/08

Subscribed and sworn to before me this 1st day of August

2008

Notary Public: Debra K. Phillips

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

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WICHITA, KS

Operator Name: Ritchie Exploration, Inc. Lease Name: Schaben 22BC Well #: 3
 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 Yes No
 (Attach Additional Sheets)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy)
 List All E. Logs Run:

Log Formation (Top), Depth and Datum Sample
 Name Top Datum

SEE ATTACHED

Radiation Guard Log

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Casing Record <input checked="" type="checkbox"/> New <input 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	207	common	160	2%cc, 3% gel
Production	7-7/8	4-1/2	10.5	3575	60/40 pozmix	160	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	3405' - 3407', 3504'-3507', 3477'-3480', 3429'-3430' (5/8/08)	700 gals 15% NE	
4	3349' - 3351', 3388.5' - 3390' (5/8/08)	500 gals 15% NE	
	*****Packer set at 3396' to shut off perf's above*****		

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TUBING RECORD		Size	Set At	Packer At	Liner Run		
		2-3/8	3530'	3396'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumerd Production, SWD or Enhr. 7/23/08			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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		
	1.58		3.22		32.1		

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



#3 Schaben 22BC

521' FNL & 1348' FWL
139'N & 28'E of C N/2 NW/4
Section 22-5S-23W
Norton County, Kansas
API# 15-137-20478-0000
Elevation: 2167' GL, 2172' KB

<u>Sample Tops</u>			<u>Ref. Well</u>
Anhydrite	1811'	+361	-6
B/Anhydrite	1841'	+331	-4
Heebner	3318'	-1146	-2
Lansing	3360'	-1188	-2
Lansing "C"	3388'	-1216	-1
Lansing "D"	3406'	-1234	-2
Lansing "F"	3430'	-1258	-2
Lansing "H"	3476'	-1304	-2
Lansing "J"	3506'	-1334	-2
Lansing "K"	3524'	-1352	-2
BKC	3550'	-1378	-3
RTD	3580'	-1408	

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CONSERVATION DIVISION
WICHITA, KS

ALLIED CEMENTING CO., INC.

24845

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

SERVICE POINT:

Russell KS

DATE <u>4-8-08</u>	SEC. <u>22</u>	TWP. <u>5</u>	RANGE <u>23</u>	CALLED OUT	ON LOCATION	JOB START <u>8:15pm</u>	JOB FINISH <u>9:00pm</u>
Schaben 22BC LEASE	WELL # <u>3</u>		LOCATION <u>Hill City 18 North to Hwy 9 Jct.</u>		COUNTY <u>Norton</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			<u>West to W2 Rd 1S to BBRd 4E Sinto</u>				

CONTRACTOR WV Drilling Rig #4
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 208'
 CASING SIZE 8 5/8 23# DEPTH 207.79'
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 15'
 PERFS.
 DISPLACEMENT 12.27 Bbl

OWNER

CEMENT

AMOUNT ORDERED 160 com 3% cc 2% Gel

COMMON	<u>160</u>	@ <u>12.15</u>	<u>1944.00</u>
POZMIX		@	
GEL	<u>3</u>	@ <u>18.25</u>	<u>54.75</u>
CHLORIDE	<u>5</u>	@ <u>51.00</u>	<u>255.00</u>
ASC		@	

EQUIPMENT

PUMP TRUCK CEMENTER John Roberts
 # 409 HELPER Adrian
 BULK TRUCK
 # 345 DRIVER Chris B.
 BULK TRUCK
 # DRIVER

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HANDLING	<u>168</u>	@ <u>2.05</u>	<u>344.40</u>
MILEAGE	<u>SK/mil 0.9</u>	@	<u>1209.00</u>
TOTAL			<u>3807.75</u>

REMARKS:

Est. Circ. Mix 160 com
Disp. 12 1/4 Bbl H2O
Cement Circ. 6 Bbl into pit.

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>893.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>50</u>	@ <u>7.00</u>	<u>350.00</u>
MANIFOLD		@	

TOTAL 1453.00

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

PLUG & FLOAT EQUIPMENT

<u>8 5/8 Wood Plug</u>	@		<u>69.00</u>
	@		
	@		
	@		

TOTAL 69.00

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.

Thanks!

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE John Roberts

Rodney Doherty
 PRINTED NAME

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CONSERVATION DIVISION
 WICHITA, KS

ALLIED CEMENTING CO., LLC. 30297

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

SERVICE POINT:
Russell, KS

DATE <u>4-15-08</u>	SEC. <u>22</u>	TWP. <u>5</u>	RANGE <u>23</u>	CALLED OUT	ON LOCATION	JOB START <u>12:45am</u>	JOB FINISH <u>1:15am</u>
LEASE <u>Schaben 228c</u>	WELL # <u>3</u>	LOCATION <u>Hill City to Hwy 9 3W</u>			COUNTY <u>Norton</u>	STATE <u>Ks.</u>	
OLD OR (NEW) (Circle one) <u>NEW</u>				<u>1 S to B Bnd 1/4 E</u>			

CONTRACTOR W+W Drilling #4
 TYPE OF JOB Production string
 HOLE SIZE 7 7/8" T.D. 3577'
 CASING SIZE 4 1/2" 10.5" DEPTH 3588'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL Port Collar (Blue) DEPTH 1799.19'-1800.89'
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT 20.02'
 CEMENT LEFT IN CSG. 20.02'
 PERFS. _____
 DISPLACEMENT 56.5

OWNER _____
 CEMENT
 AMOUNT ORDERED 175 SKS 60/40
10% Salt 2% Gel
3/4 of 1% CD-31 500 gal Flush
 COMMON 105 @ 12.15 1275.75
 POZMIX 70 @ 6.80 476.00
 GEL 3 @ 18.25 54.75
 CHLORIDE @ _____
 ASC @ _____
Salt - 15 sks @ 21.00 315.00
CD 31 - 113 lbs @ 8.20 926.60
WFR2 - 500 Gal @ 1.10 550.00
 HANDLING 193 @ 2.05 395.65
 MILEAGE _____ SK/mi 09 1389.60
 TOTAL 5383.35

EQUIPMENT

PUMP TRUCK CEMENTER Gary Glenn
 # 398 HELPER Bob
 BULK TRUCK _____
 # 410 DRIVER Neile
 BULK TRUCK _____
 # _____ DRIVER _____

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REMARKS:

P.C. on top #47 1799.19'-1800.89'
Landed Plug @ 800'

SERVICE

DEPTH OF JOB _____
 PUMP TRUCK CHARGE _____ 1763.00
 EXTRA FOOTAGE @ _____
 MILEAGE 80 @ 7.00 560.00
 MANIFOLD @ _____
 @ _____
 @ _____

TOTAL 2323.00

PLUG & FLOAT EQUIPMENT

4 1/2" Plug _____ 60.00
2 - Baskets @ 165.00 330.00
5 - Turbo. Centz. @ 66.00 330.00
Port Collar (Blue) @ _____ 175.00
Guide Shoe @ _____ 165.00
insert @ _____ 247.00

TOTAL 2884.00

SALES TAX (If Any) _____
 TOTAL CHARGES _____
 DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME Rodney Doherty
 SIGNATURE Rodney Doherty

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WICHITA, KS

SW