

ORIGINAL

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

CONFIDENTIAL

Operator: License # 4767  
Name: Ritchie Exploration, Inc.  
Address: P. O. Box 783188  
City/State/Zip: Wichita, KS 67278-3188  
Purchaser: N/A  
Operator Contact Person: Craig Caulk  
Phone: (316) 691-9500  
Contractor: Name: L.D. Drilling, Inc.  
License: KLN 6039 KCC WICHITA  
Wellsite Geologist: Brad Rine

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JUL 01 2004

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. \_\_\_\_\_

03/10/04 03/17/04 03/18/04  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 101-21831-00-00  
County: Lane  
N/2 NE NW Sec. 33 Twp. 16 S. R. 30  East  West  
380' feet from S / NW (circle one) Line of Section  
1880' feet from E / NW (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Brand 33 AB Well #: 1

Field Name: Brand

Producing Formation: \_\_\_\_\_

Elevation: Ground: 2867' Kelly Bushing: 2872'

Total Depth: 4590' Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 237' 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 ALT II P&A within  
(Data must be collected from the Reserve Pit) 2-22-07

Chloride content 10,500 ppm Fluid volume 850 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: 06/28/04

Subscribed and sworn to before me this 28 day of June

20 04

Notary Public: Jennifer L. Foss

Date Commission Expires: 10/14/07

**JENNIFER L. FOSS**  
Notary Public - State of Kansas  
My Appt. Expires 10/14/07

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: Brand 33 AB Well #: 1  
 Sec. 33 Twp. 16 S. R. 30  East  West County: Lane

**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  
 (See Attached)

List All E. Logs Run:

**Radiation Guard Log**

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# & 24#	237'	Common	180	2% gel, 3% CC

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
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TUBING RECORD		Size	Set At	Packer At	Liner Run
					<input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd Production, SWD or 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 **METHOD OF COMPLETION** Production Interval

Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  
 (If vented, Submit ACO-18.)  Other (Specify) \_\_\_\_\_



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**#1 Brand 33AB**  
380' FNL & 1880' FWL  
Section 33-16S-30W  
Lane County, Kansas  
API#15-101-21831-0000  
Elevation: 2872' GL 2867' KB

KCC

Sample Tops

Anhydrite	2272'	+600
B/Anhydrite	2294'	+578
Heebner Shale	3916'	-1044
Lansing	3953'	-1081
Stark Shale	4215'	-1343
Base KC	4290'	-1418
Pawnee	4413'	-1541
Myrick St.	4443'	-1571
Ft Scott	4461'	-1589
Cher. Shale	4489'	-1617
Johnson	4526'	-1654
Mississippian	4556'	-1684
RTD	4590'	-1718

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# ALLIED CEMENTING CO., INC. 14009

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

SERVICE POINT:  
OAKLEY

DATE <u>3-18-04</u>	SEC. <u>33</u>	TWP. <u>16S</u>	RANGE <u>30W</u>	CALLED OUT	ON LOCATION <u>12:45 AM</u>	JOB START <u>2:45 PM</u>	JOB FINISH <u>5:15 AM</u>
BRAND <u>33 AB</u>	LEASE	WELL # <u>1</u>	LOCATION <u>HEALY 2W-2N-E INTO</u>	COUNTY <u>LANE</u>	STATE <u>Ks</u>		
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR L.O. ORLLG. OWNER JAME NFIDE

TYPE OF JOB PTA

HOLE SIZE <u>7 7/8"</u>	T.D. <u>4590'</u>
CASING SIZE	DEPTH
TUBING SIZE	DEPTH
DRILL PIPE <u>4 1/2"</u>	DEPTH <u>2300'</u>
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT

CEMENT LEFT IN CSG.  
PERFS.  
DISPLACEMENT

CEMENT AMOUNT ORDERED  
225 SKS 60/NOPO2696EL 1/4" FLO-SEAL

COMMON	<u>135 SKS</u>	@	<u>8<sup>35</sup></u>	<u>1127<sup>25</sup></u>
POZMIX	<u>90 SKS</u>	@	<u>3<sup>80</sup></u>	<u>342<sup>80</sup></u>
GEL	<u>12 SKS</u>	@	<u>10<sup>20</sup></u>	<u>120<sup>20</sup></u>
CHLORIDE		@		
	<u>FLO-SEAL 56*</u>	@	<u>1<sup>40</sup></u>	<u>78<sup>40</sup></u>
		@		
		@		
		@		
HANDLING	<u>237 SKS</u>	@	<u>1<sup>15</sup></u>	<u>272<sup>55</sup></u>
MILEAGE	<u>0.54 PER SK/ MILE</u>			<u>532<sup>25</sup></u>
				TOTAL <u>2473<sup>45</sup></u>

**EQUIPMENT**

PUMP TRUCK # <u>177</u>	CEMENTER <u>TERRY</u>	HELPER <u>WAYNE</u>
BULK TRUCK # <u>218</u>	DRIVER <u>JARROD</u>	
BULK TRUCK # _____	DRIVER _____	

**REMARKS:**

40 SKS AT 2300'  
80 SKS AT 1200'  
40 SKS AT 600'  
40 SKS AT 240'  
10 SKS AT 40'  
15 SKS RAT HOLE

**SERVICE**

DEPTH OF JOB	<u>2300'</u>
PUMP TRUCK CHARGE	<u>630<sup>25</sup></u>
EXTRA FOOTAGE	@ _____
MILEAGE	<u>45 MI @ 3<sup>50</sup></u>
PLUG	<u>8 7/8 DRY HOLE @ 23<sup>25</sup></u>
	@ _____
	@ _____
TOTAL <u>810<sup>50</sup></u>	

THANK YOU

CHARGE TO: RITCHIE EXPLOR, INC.  
STREET \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**FLOAT EQUIPMENT**

<b>RECEIVED</b>	
<u>JUL 01 2004</u>	
<b>KCC WICHITA</b>	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 Michael Pedigo

TAX \_\_\_\_\_  
TOTAL CHARGE \_\_\_\_\_  
DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS  
PRINTED NAME Michael Pedigo

# ALLIED CEMENTING CO., INC. 13682

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

SERVICE POINT:

Oakley

DATE <u>3-10-04</u>	SEC. <u>33</u>	TWP. <u>16s</u>	RANGE <u>30w</u>	CALLED OUT	ON LOCATION <u>7:40 PM</u>	JOB START <u>9:15 PM</u>	JOB FINISH <u>9:30 PM</u>
LEASE <u>Brand 33 AB</u>	WELL # <u>1</u>	LOCATION <u>Healy 2w 2w E/S</u>			COUNTY <u>Lane</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR LD Drlg OWNER Same

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 237'

CASING SIZE 12 1/4 8 3/8 DEPTH 237'

TUBING SIZE 8 3/8 DEPTH 237'

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 14 1/4 Bbls

**EQUIPMENT**

PUMP TRUCK CEMENTER Dean

# 373-281 HELPER Andrew

BULK TRUCK

# 212 DRIVER Mike

BULK TRUCK

# DRIVER

CEMENT

AMOUNT ORDERED

180 SKS Com 3 1/2 cc 2% Gel

COMMON 180 SKS @ 8.35 1503.00

POZMIX @

GEL 3 SKS @ 10.00 30.00

CHLORIDE 6 SKS @ 30.00 180.00

@

@

@

@

@

HANDLING 189 SKS @ 1.15 217.35

MILEAGE 50 / SK mile 425.25

TOTAL 2355.60

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**REMARKS:**

**SERVICE**

Cement did circulate

Thank you

DEPTH OF JOB

PUMP TRUCK CHARGE 520.00

EXTRA FOOTAGE @

MILEAGE 45 miles @ 3.50 157.50

PLUG 8 3/8 Surface @ 45.00

@

@

TOTAL 722.50

CHARGE TO: Ritchie Exploration Inc

STREET

CITY STATE ZIP

**FLOAT EQUIPMENT**

@

@

@

@

@

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KCC WICHITA

TOTAL

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TAX

TOTAL CHARGE

DISCOUNT IF PAID IN 30 DAYS

SIGNATURE Bill Owen

Bill Owen

PRINTED NAME