

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

4/24/10

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: Craig Caulk  
Phone: (316) 691-9500  
Contractor: Name: Murfin Drilling Co, Inc.  
License: 30606  
Wellsite Geologist: Mike Engelbrecht  
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. \_\_\_\_\_  
1/18/08 1/26/08 1/26/08  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 193-20729-0000  
County: Thomas  
approx. S/2 NW SE Sec. 15 Twp. 10 S. R. 32  East  West  
1520 feet from (S) N (circle one) Line of Section  
1870 feet from (E) W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE (SE) NW SW  
Lease Name: Eberle Well #: 1  
Field Name: \_\_\_\_\_  
Producing Formation: \_\_\_\_\_  
Elevation: Ground: 3059 Kelly Bushing: 3069  
Total Depth: 4710 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 224 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 PA1516-3009  
(Data must be collected from the Reserve Pit)  
Chloride content 3800 ppm Fluid volume 500 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: Geologist Date: 4/24/08  
Subscribed and sworn to before me this 24<sup>th</sup> day of April, 2008.  
Notary Public: Debra K. Phillips  
Date Commission Expires: 5/4/11

DEBRA K. PHILLIPS  
Notary Public - State of Kansas  
My Appt. Expires 5-4-11

**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
RECEIVED  
KANSAS CORPORATION COMMISSION  
APR 25 2008

Operator Name: Ritchie Exploration, Inc. Lease Name: Eberle Well #: 1  
 Sec. 15 Twp. 10 S. R. 32  East  West County: Thomas

**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:  <b>Radiation Guard Log</b>	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample  Name Top Datum   <p style="text-align: center; font-weight: bold;">SEE ATTACHED</p>
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APR 24 2008  
KCCC

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	224	common	165	3%cc, 2% gel

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

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" 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 <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	Production Interval _____
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RECEIVED  
KANSAS CORPORATION COMMISSION  
APR 25 2008  
CONSERVATION DIVISION  
WICHITA, KS



**#1 Eberle**

1520' FSL & 1870' FEL  
 130'S & 110'E of C S/2 NW SE Section 15-10S-32W  
 Thomas County, Kansas  
 API# 15-193-20729-0000  
 Elevation: 3059' GL, 3069' KB

<u>Sample Tops</u>			<u>Ref. Well</u>
Anhydrite	2600'	+469	-3
B/Anhydrite	2629'	+440	-5
Heebner	4022'	-953	-9
Lansing	4060'	-991	-4
Muncie Shale	4196'	-1127	-11
Lansing "H"	4216'	-1147	-13
Stark Shale	4282'	-1213	-16
BKC	4345'	-1276	-18
Pawnee	4465'	-1396	-3
Fort Scott	4529'	-1460	-3
Cherokee Shale	4558'	-1489	-6
Johnson	4602'	-1533	-3
Mississippian	4638'	-1569	+1
RTD	4710'	-1641	

CONFIDENTIAL  
 APR 25 2008  
 KCC

RECEIVED  
 KANSAS CORPORATION COMMISSION  
 APR 25 2008  
 CONSERVATION DIVISION  
 WICHITA, KS

# ALLIED CEMENTING CO., INC.

31957

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

SERVICE POINT:  
DAKLEY

DATE <u>1-18-08</u>	SEC. <u>15</u>	TWP. <u>10S</u>	RANGE <u>32W</u>	CALLED OUT	ON LOCATION <u>10:00 PM</u>	JOB START <u>12:00 AM</u>	JOB FINISH <u>12:30 AM</u>
LEASE <u>ESRIE</u>	WELL # <u>1</u>	LOCATION <u>DAKLEY 3 1/2 N - NW 5th</u>			COUNTY <u>THOMAS</u>	STATE <u>KS</u>	
OLD OR <u>(NEW)</u> (Circle one)							

CONTRACTOR MURFIN DRILL. REF #14 OWNER SAME

TYPE OF JOB SURFACE  
 HOLE SIZE 12 1/4" T.D. 224' CEMENT  
 CASING SIZE 8 3/8" DEPTH 224' AMOUNT ORDERED  
165 SKS COM 3%CC 2% GEL

TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT  
 CEMENT LEFT IN CSG. 15'  
 PERFS.  
 DISPLACEMENT 13 1/4 BBLs

EQUIPMENT  
 PUMP TRUCK CEMENTER TERRY  
 # 422 HELPER WAYNE  
 BULK TRUCK  
 # 347 DRIVER DARREN  
 BULK TRUCK  
 # DRIVER

REMARKS:  
CEMENT did CERR.

COMMON 165 SKS @ 14.20 2343.00  
 POZMIX @  
 GEL 3 SKS @ 18.75 56.25  
 CHLORIDE 6 SKS @ 52.45 314.70  
 ASC @  
 HANDLING 174 SKS @ 2.15 374.10  
 MILEAGE MEMPHIS CHARGE 282.00  
 TOTAL 3370.05

CHARGE TO: RITCHIE EXPLORATION, INC  
 STREET  
 CITY STATE ZIP

TOTAL 1065.00

PLUG & FLOAT EQUIPMENT  
8 5/8 SURFACE Plug 68.00  
 @  
 @  
 @  
 @  
 @  
 TOTAL 68.00

TAX  
 TOTAL CHARGE  
 DISCOUNT IF PAID IN 30 DAYS

SIGNATURE [Signature] Correct Choice  
 PRINTED NAME

RECEIVED  
 KANSAS CORPORATION COMMISSION  
 APR 25 2008  
 CONSERVATION DIVISION  
 WICHITA, KS

# ALLIED CEMENTING CO., INC.

31983

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

SERVICE POINT:

Oakley  
1-26-08

DATE <u>1-25-08</u>	SEC. <u>15</u>	TWP. <u>10</u>	RANGE <u>32</u>	CALLED OUT	ON LOCATION <u>9:00pm</u>	JOB START <u>2:00am</u>	JOB FINISH <u>3:00am</u>
LEASE <u>Eberle</u>	WELL # <u>#1</u>	LOCATION <u>Oakley 30-114-21W</u>			COUNTY <u>Thomas</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Munson #14

TYPE OF JOB PTA

HOLE SIZE 7 7/8 T.D.

CASING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE 4 1/2 DEPTH 2625'

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. \_\_\_\_\_

PERFS. \_\_\_\_\_

DISPLACEMENT \_\_\_\_\_

OWNER same

CEMENT AMOUNT ORDERED 200 SKS 60140  
496 gal 114# floeal

EQUIPMENT

PUMP TRUCK CEMENTER Juzz

# 431 HELPER Relly

BULK TRUCK

# 218 DRIVER LaRene

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

COMMON	<u>120</u>	@	<u>14.20</u>	<u>1704.00</u>
POZMIX	<u>80</u>	@	<u>7.20</u>	<u>576.00</u>
GEL	<u>7</u>	@	<u>18.75</u>	<u>131.25</u>
CHLORIDE		@		
ASC		@		
<u>floeal 50#</u>		@	<u>2.25</u>	<u>112.50</u>
HANDLING	<u>209</u>	@	<u>2.15</u>	<u>449.35</u>
MILEAGE	<u>109.54</u>	@	<u>2.50</u>	<u>273.85</u>
minimum				TOTAL <u>2255.10</u>

REMARKS:

25 SKS @ 2625'

100 SKS @ 1925'

40 SKS @ 275' sub

10 SKS @ 40' complete

10 SKS in MH

15 SKS in RH 3:00am

Thanks Juzz & Rene

SERVICE

DEPTH OF JOB 2625'

PUMP TRUCK CHARGE 1075.00

EXTRA FOOTAGE @ \_\_\_\_\_

MILEAGE 4 @ 7.00 28.00

MANIFOLD @ \_\_\_\_\_

TOTAL 1103.00

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

[Signature]  
PRINTED NAME

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WICHITA, KS