

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM

**CONFIDENTIAL**

WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 4767

Name: Ritchie Exploration, Inc.

Address: P.O. Box 783188

City/State/Zip: Wichita, KS 67278-3188

Purchaser: \_\_\_\_\_

Operator Contact Person: Rocky Milford

Phone: (\_\_\_\_) 316-691-9500

Contractor: Name: Murfin Drilling Company, Inc.

License: \_\_\_\_\_

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. \_\_\_\_\_

10/5/00 10/13/00 10/13/00

Spud Date or Date Reached TD Completion Date of

Recompletion Date Recompletion Date

API No. 15 - 193-20675 0000

County: Thomas

Approx. NE-NE-NE Sec. 28 Twp. 6 S. R. 36  East  West

440 feet from S / N (circle one) Line of Section

440 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: Eicher-28A Well #: 1

Field Name: \_\_\_\_\_

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

Elevation: Ground: 3381 Kelly Bushing: 3386

Total Depth: 4780' Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 412 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 ACT 1 73A 12-27-01

(Data must be collected from the Reserve Pit)

Chloride content 5200 ppm Fluid volume 421 bbls

Dewatering method used \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease name: \_\_\_\_\_ License No.: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

JAN 25 2001

CONFIDENTIAL

RECEIVED  
KANSAS CORPORATION COMMISSION

JAN 29 2001  
KANSAS CORPORATION COMMISSION

**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: Rocky Milford

Title: Geologist Date: 1/26/2001

Subscribed and sworn to before me this 26<sup>th</sup> day of January

in 2000

Notary Public: Karen Hopper

Date Commission Expires: 10/27/03

**KCC Office Use ONLY**

Letter of Confidentiality Attached

If Denied, Yes  Date: \_\_\_\_\_

Wireline Log Received

Geologist Report Received

UIC Distribution

**KAREN HOPPER**  
Notary Public - State of Kansas  
My Appt. Expires 10/27/03

X

Operator Name: Ritchie Exploration, Inc. Lease Name: Eicher-28A Well #: 1  
 Sec. 28 Twp. 6 S. R. 36  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  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: Radiation Guard Log

Log Formation (Top), Depth and Datum  Sample

Name Top Datum

See attached

**CASING RECORD**  New  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	# Sacs Used	Type and Percent Additives
surface	12 1/4"	8 5/8"	23#	412'	common	275	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 (Amount and Kind of Material Used)	Depth

**TUBING RECORD** Size Set At Packer At Liner Run  Yes  No

Date of First, Resumerd Production, SWD or Enhr. Producing Method  Flowing  Pumping  Gas Lift  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 (If vented, Sumit ACO-18.)  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify)

CONFIDENTIAL



ORIGINAL

KCC

JAN 25 2001

CONFIDENTIAL

#1 Eicher-28A  
440' FNL and 440' FEL  
Section 28-6S-36W  
Thomas County, Kansas  
API# 15-193-20675

Sample Tops			Ref. Well	Electric Log Tops			Ref. Well
Stone Corral	3001'	+385'	-3'	Stone Corral	3004'	+382'	-6'
Base/SC	3037'	+349'	-5'	Base/SC	3038'	+348'	-6'
Wabaunsee	3896'	-510'	-8'	Wabaunsee	3896'	-510'	-8'
Topeka	4052'	-666'	-6'	Topeka	4056'	-670'	-10'
Heebner	4188'	-802'	-8'	Heebner	4188'	-802'	-8'
Toronto	4220'	-834'	-7'	Toronto	4223'	-837'	-10'
Lansing	4236'	-850'	-5'	Lansing	4238'	-852'	-7'
Stark	4431'	-1045'	-8'	Stark	4434'	-1048'	-11'
B/KC	4509'	-1123'	-7'	B/KC	4512'	-1126'	-10'
Marmaton	4524'	-1138'	-8'	Marmaton	4525'	-1139'	-9'
Upr Altamont	4558'	-1172'	-8'	Upr Altamont	4558'	-1172'	-8'
Lwr Altamont	4574'	-1188'	-8'	Lwr Altamont	4576'	-1190'	-10'
Pawnee	4599'	-1213'	-9'	Pawnee	4600'	-1214'	-10'
Myrick Station	4648'	-1262'	-9'	Myrick Station	4651'	-1265'	-12'
Ft. Scott	4669'	-1283'	-11'	Ft. Scott	4672'	-1286'	-14'
Cherokee	4696'	-1310'	-11'	Cherokee	4699'	-1313'	-14'
RTD	4780'	-1394'		LTD	4782'	-1396'	

10/11/00 DST #1 4533'-4592' (upper & lower Altamont)  
Recovered 320' water cut mud (50% mud, 50% water), 765' salt water. 1085' of total fluid.

IFP: 53-357#/43" ISIP: 1235#/62"  
FFP: 353-510#/43" FSIP: 1124#/61"

10/12/00 DST #2 4587'-4720' (Pawnee & upper Cherokee)  
Recovered 60' slightly water cut mud (90% mud, 10% water).

IFP: 41-41#/45" ISIP: 1150#/45"  
FFP: 52-52#/45" FSIP: 1120#/45"

P.O. Box 783188  
Wichita, Kansas 67278-3188

(316) 691-9500  
Fax (316) 691-9550  
[rei@ritchie-exp.com](mailto:rei@ritchie-exp.com)

8100 E. 22<sup>nd</sup> St. N., Bldg. 700  
Wichita, Kansas 67226-2328

# ALLIED CEMENTING CO., INC. 5260

**CONFIDENTIAL**

Federal Tax I.D.#

**ORIGINAL**

TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

*Oakley*

*Plus Ditch 6:45 PM*

DATE <i>10-5-00</i>	SEC. <i>28</i>	TWP. <i>6S</i>	RANGE <i>36W</i>	CALLED OUT	ON LOCATION <i>1:30 PM</i>	JOB START	JOB FINISH <i>7:30 PM</i>
LEASE <i>Ritcher 28A</i>		WELL # <i>1</i>	LOCATION <i>Brewster R/R 4 1/2 N 1 E 1/4 E</i>			COUNTY <i>Thomas</i>	STATE <i>KS</i>
OLD OR NEW (Circle one) <input checked="" type="radio"/> OLD <input type="radio"/> NEW					<b>KCC</b>		

CONTRACTOR *Murfin Drlg Rig 3*

TYPE OF JOB *Surface*

HOLE SIZE *12 1/4* T.D. *415'*

CASING SIZE *8 3/8* DEPTH *412'*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. *15'*

PERFS.

DISPLACEMENT *2 5/4 Bbls*

**EQUIPMENT**

PUMP TRUCK CEMENTER

# *191* HELPER *Dean*

BULK TRUCK

# *212* DRIVER *Walt*

BULK TRUCK

# DRIVER

OWNER *Same* JUN 20 2001

CEMENT **CONFIDENTIAL**

AMOUNT ORDERED

*275 sk com 370 cc 29 gel*

COMMON	<i>275 sks</i>	@	<i>755</i>	<i>2,076<sup>25</sup></i>
POZMIX		@		
GEL	<i>5 sks</i>	@	<i>950</i>	<i>4750</i>
CHLORIDE	<i>10 sks</i>	@	<i>28<sup>00</sup></i>	<i>280<sup>00</sup></i>
		@		
		@		
		@		
		@		
		@		
HANDLING	<i>290 sks</i>	@	<i>105</i>	<i>30450</i>
MILEAGE	<i>4¢ per sk/mile</i>			<i>568<sup>40</sup></i>
<b>TOTAL</b>				<i>3,276<sup>65</sup></i>

**REMARKS:**

**SERVICE**

*Cement did circulate*

*Thank you*

DEPTH OF JOB

PUMP TRUCK CHARGE *470<sup>00</sup>*

EXTRA FOOTAGE @

MILEAGE *49 miles* @ *3<sup>00</sup>* *147<sup>00</sup>*

PLUG *8 3/8 Surface Plug* @ *45<sup>00</sup>*

@

@

**TOTAL** *662<sup>00</sup>*

CHARGE TO: *Ritcher Exploration Inc*

STREET

CITY STATE ZIP

**FLOAT EQUIPMENT**

@

@

@

@

@

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.

**TOTAL**

TAX

TOTAL CHARGE

DISCOUNT IF PAID IN 30 DAYS

SIGNATURE *Kath Van Fleet*

PRINTED NAME

# ALLIED CEMENTING CO., INC. 5315

**CONFIDENTIAL**

Federal Tax I.D.#

**ORIGINAL**

TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

OAKLEY

DATE <u>10-13-00</u>	SEC. <u>28</u>	TWP. <u>65</u>	RANGE <u>36W</u>	CALLED OUT	ON LOCATION <u>10:45 AM</u>	JOB START <u>12:45 PM</u>	JOB FINISH <u>3:15 PM</u>
LEASE <u>ECHER-28A</u>			WELL # <u>1</u>	LOCATION <u>BREWSTER 9 1/2 N-1 E-1 N-34 E</u>		COUNTY <u>THOMAS</u>	STATE <u>KS</u>
OLD OR NEW (Circle one) <u>NEW</u>						<b>KCC</b>	

CONTRACTOR <u>MURFIN DRUG. REF #3</u>	OWNER <u>SAME</u>	DATE <u>JAN 25 2001</u>
TYPE OF JOB <u>PTA</u>		

HOLE SIZE <u>7 7/8'</u>	T.D. <u>4780'</u>	CEMENT AMOUNT ORDERED <u>190 SKS 6040 PDZ 6% GEL 1/4 SEAL</u>
CASING SIZE	DEPTH	
TUBING SIZE	DEPTH	
DRILL PIPE <u>4 1/2"</u>	DEPTH <u>3005'</u>	
TOOL	DEPTH	
PRES. MAX	MINIMUM	
MEAS. LINE	SHOE JOINT	
CEMENT LEFT IN CSG.		
PERFS.		
DISPLACEMENT		

**EQUIPMENT**

PUMP TRUCK # <u>191</u>	CEMENTER <u>TERRY</u>
	HELPER <u>WAYNE</u>
BULK TRUCK # <u>218</u>	DRIVER <u>ANDREW</u>
BULK TRUCK # _____	DRIVER _____

COMMON	<u>114 SKS</u>	@	<u>7.55</u>	<u>860.70</u>
POZMIX	<u>76 SKS</u>	@	<u>3.25</u>	<u>247.00</u>
GEL	<u>10 SKS</u>	@	<u>9.50</u>	<u>95.00</u>
CHLORIDE		@		
<u>Flo-Seal</u>	<u>48#</u>	@	<u>1.15</u>	<u>55.20</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>202 SKS</u>	@	<u>1.05</u>	<u>212.10</u>
MILEAGE	<u>4¢ per SK/mile</u>			<u>395.92</u>
<b>TOTAL</b>				<u>1,865.95</u>

**REMARKS:**

25 SKS AT 3005'

100 SKS AT 2180'

40 SKS AT 460'

10 SKS AT 40'

15 SKS RAT HOLE

THANK YOU

**SERVICE**

DEPTH OF JOB	<u>3005'</u>	
PUMP TRUCK CHARGE		<u>580.00</u>
EXTRA FOOTAGE		@ _____
MILEAGE	<u>49 miles</u>	@ <u>3.00</u> <u>147.00</u>
PLUG	<u>8 5/8 DRY HOLE</u>	@ <u>23.00</u>
		@ _____
		@ _____
<b>TOTAL</b>		<u>750.00</u>

CHARGE TO: RITCHIE EXPLORATION, INC.

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**FLOAT EQUIPMENT**

_____	@ _____	
_____	@ _____	
_____	@ _____	
_____	@ _____	
_____	@ _____	
<b>TOTAL</b>		_____

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 Charles Van Lint

TAX \_\_\_\_\_

TOTAL CHARGE \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

PRINTED NAME \_\_\_\_\_