

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

CONFIDENTIAL WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 4767
Name: Ritchie Exploration, Inc.
Address: P.O. Box 783188 20'S 50'W E2 - W2 - SE
City/State/Zip: Wichita, KS 67278-3188
Purchaser: _____
Operator Contact Person: Rocky Milford
Phone: (316) 691-9500
Contractor: Name: Pickrell Drilling Co.
License: KLN 5123
Wellsite Geologist: Kim Shoemaker

API No. 15 - 171-20578
County: Scott
Sec. 1 Twp. 17 S. R. 31 East West
1300' feet from S XXX (circle one) Line of Section
1700' feet from E XXX (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name Grusing Trust 1D Well #: 1
Field Name: _____

Producing Formation: _____
Elevation: Ground: 2898 Kelly Bushing: 2903
Total Depth: 4605 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 234 Feet
Multiple Stage Cementing Other Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc.)

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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. _____
6/12/03 6/23/03 6/23/03
Spud Date or Date Reached TD Completion Date or Recompletion Date

CONFIDENTIAL
Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit) *P/A/UA 7-16-03*
Chloride content 15000 ppm Fluid volume 1600 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: Rocky Milford
Title: Geologist Date: 7-3-03
Subscribed and sworn to before me this 3rd day of July, 2003.
Notary Public: Debra K. Phillips
Date Commission Expires: 5/4/2007

DEBRA K. PHILLIPS
Notary Public - State of Kansas
My Appt. Expires 5/4/2007

KCC Office Use ONLY
 Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

Operator Name: Ritchie Exploration, Inc. Lease Name: Grusing Trust 1D Well #: 1
 Sec. 1 Twp. 17 S. R. 31 East West County: Scott

JAN 19 1990
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: Compensated Density Neutron Log Dual Induction Log	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum <p style="text-align: center; font-size: 1.2em;">See attached sheet</p>
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CASING RECORD <input 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	# Sacjs Used	Type and Percent Additives
Surface	12-1/4	8-5/8		234'	common	175	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 <i>(Amount and Kind of Material Used)</i>	Depth

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 <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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#1 Grusing Trust 1D
 1300' FSL & 1700' FEL
 Section 1-17S-31W
 Scott County, Kansas
 API#15-171-20578-0000
 Pickrell Drilling Co., Inc. Rig 10
 Field Geologist: Kim Shoemaker
 Office Geologist: Rocky Milford
 Staked Elevation: 2,898' GL 2,903' KB

	Sample Tops	Ref. Well A	Ref. Well B
Stone Corral	2267' +636	+1	-16
massive Anhydrite	2305' +598	-1	-15
B/Anhydrite	2326' +577	-2	-15
Stotler	3540' -637	-10	-27
Topeka	3686' -783	-10	-24
Heebner	3919' -1016	-11	-28
Toronto	3934' -1031	-9	-33
Lansing	3951' -1048	-10	-26
Muncie Creek	4123' -1220	-9	-23
Stark	4214' -1311	-2	-16
Hushpuckney	4258' -1355	flat	-17
B/KC	4294' -1391	+1	-14
Marmaton	4331' -1428	-4	-13
Pawnee	4416' -1513	-3	-15
Fort Scott	4468' -1565	-5	-17
Cherokee	4490' -1587	-4	-18
Johnson zone	4528' -1625	-3	-16
Mississippian	4563' -1660	-3	-21
RTD	4605' -1702		

RELEASED
 FROM
 CONFIDENTIAL

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

(316) 691-9500
 Fax (316) 691-9550
rei@ritchie-exp.com

8100 E. 22nd St. N., Bldg. 700
 Wichita, Kansas 67226-2328

ALLIED CEMENTING CO., INC. 11266

CONFIDENTIAL

Federal Tax I.D. XXXXXXXXXX

ORIGINAL

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

SERVICE POINT
Qg Kley

DATE <u>6-12-03</u>	SEC. <u>1</u>	TWP <u>17s</u>	RANGE <u>31w</u>	CALLED OUT	ON LOCATION <u>10:45 PM</u>	JOB START <u>11:50 PM</u>	JOB FINISH <u>12:15 AM</u>
LEASE <u>Greshing Trust</u>		WELL # <u>1 D</u>	LOCATION <u>Healy Hw 1/4 N W1/4</u>			COUNTY <u>SCOTT</u>	STATE <u>K-S</u>
OLD OR NEW (Circle one)							

**RELEASED
FROM
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CONTRACTOR Pickell Drlg Co Rig 10
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 240'
 CASING SIZE 8 5/8 DEPTH 234'
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 15'

OWNER Same
 CEMENT AMOUNT ORDERED
175 SKS Com 30% CC 70% Gel

PERFS.
 DISPLACEMENT 14 Bbls
 EQUIPMENT KCC

COMMON	<u>175 SKS</u>	@	<u>8.35</u>	<u>1461.25</u>
POZMIX		@		
GEL	<u>3 SKS</u>	@	<u>10.00</u>	<u>30.00</u>
CHLORIDE	<u>6 SKS</u>	@	<u>30.00</u>	<u>180.00</u>
		@		
		@		
		@		
		@		
HANDLING	<u>175 SKS</u>	@	<u>1.15</u>	<u>201.25</u>
MILEAGE	<u>54 / SK / mile</u>			<u>393.75</u>

PUMP TRUCK CEMENTER Dean
 # 191 HELPER Andrew
 BULK TRUCK DRIVER Walt
 # 218 DRIVER

RECEIVED TOTAL 2266.25

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REMARKS:

Cement d. & circulator
Thank you

DEPTH OF JOB	<u>234'</u>		
PUMP TRUCK CHARGE			<u>520.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>45 Miles</u>	@	<u>3.50</u> <u>157.50</u>
PLUG	<u>8 5/8 Surface</u>	@	<u>45.00</u>
		@	
		@	

TOTAL 722.50

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

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.

TAX _____
 TOTAL CHARGE _____
 DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Mike Kern

Mike Kern
 PRINTED NAME

ALLIED CEMENTING CO., INC.

10999

CONFIDENTIAL

Federal Tax I.D. XXXXXXXXXX

ORIGINAL

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

SERVICE POINT:

Ness City

ARRIVE ON LOG 06-22-05

DATE <u>06-23-03</u>	SEC. <u>1</u>	TWP. <u>17S</u>	RANGE <u>31W</u>	CALLED OUT <u>7:00 PM</u>	ON LOCATION <u>10:45 PM</u>	JOB START <u>12:05 AM</u>	JOB FINISH <u>3:00 AM</u>
LEASE <u>GRAND TRUST</u>		WELL # <u>A-1</u>	LOCATION <u>HEALY 302 1/4 N 1/4 W</u>		COUNTY <u>SCOTT</u>	STATE <u>KS</u>	
<input checked="" type="radio"/> OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR RICKELL DRILL #10

TYPE OF JOB Rotary Plug

HOLE SIZE 7 1/2" T.D. 4605

CASING SIZE _____ DEPTH _____

TUBING SIZE 1 1/2" Plug 4 1/2" DEPTH 2320

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

OWNER Ritchie Exploration

CEMENT AMOUNT ORDERED 235 @ 60/40 Poz 6% Gel 1/4" Flo Seal

COMMON	<u>141.04</u>	@	<u>8.35</u>	<u>1177.35</u>
POZMIX	<u>94.04</u>	@	<u>3.80</u>	<u>357.20</u>
GEL	<u>12.04</u>	@	<u>10.00</u>	<u>120.00</u>
CHLORIDE		@		
FLO SEAL	<u>59.00</u>	@	<u>1.40</u>	<u>82.60</u>

EQUIPMENT

KCC
JUL 03 2003

PUMP TRUCK # 224 CEMENTER BUD HELPER Jim

BULK TRUCK # 341 DRIVER STEVE

BULK TRUCK # _____ DRIVER _____

HANDLING 249.04 @ 1.15 286.35

MILEAGE 249.04 @ 45 11205.80

RECEIVED

TOTAL 2583.75

JUL 07 2003

SERVICE

KCC WICHITA

DEPTH OF JOB 2320'

PUMP TRUCK CHARGE 630.00

EXTRA FOOTAGE @ _____

MILEAGE 45 @ 3.50 157.50

PLUG 1-8" DHP @ 23.00 23.00

TOTAL 810.50

CHARGE TO: Ritchie Exploration

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____

TOTAL _____

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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 \$ 2583.75

DISCOUNT 0.00 IF PAID IN 30 DAYS

SIGNATURE Mike Kern

Mike Kern
PRINTED NAME