

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

**CONFIDENTIAL**

RECEIVED  
1-28-03  
JAN 28 2003  
WICHITA

**ORIGINAL**

Operator: License # 4767  
Name: Ritchie Exploration, Inc.  
Address: P.O. Box 783188  
City/State/Zip: Wichita, KS 67278-3188  
Purchaser: NCRA  
Operator Contact Person: Rocky Milford  
Phone: (316) 691-9500  
Contractor: Name: L.D. Drilling, Inc.  
License: 6039  
Wellsite Geologist: Kim Shoemaker

**KCC**

JAN 23 2003

**CONFIDENTIAL**

Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SLOW  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. \_\_\_\_\_

<u>10/7/02</u>	<u>10/17/02</u>	<u>11/14/02</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 171-20,570  
County: Scott  
SE NE NE Sec. 1 Twp. 17 S. R. 31  East  West  
1300 feet from S / (N) (circle one) Line of Section  
330 feet from (E) / W (circle one) Line of Section

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

Field Name: Wildcat  
Producing Formation: Johnson  
Elevation: Ground: 2894' Kelly Bushing: 2899'  
Total Depth: 4615' Plug Back Total Depth: 4572'  
Amount of Surface Pipe Set and Cemented at 237 Feet   
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 2320 Feet  
If Alternate II completion, cement circulated from 2320  
feet depth to surface w/ 325 sx cmt.

Drilling Fluid Management Plan ME 11 Col 2-12-03  
(Data must be collected from the Reserve Pit)  
Chloride content 16000 ppm Fluid volume 1100 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: 12/19/02

Subscribed and sworn to before me this 19th day of December

2002

Notary Public: Karen Hopper

Date Commission Expires: \_\_\_\_\_

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

**KCC Office Use ONLY**

Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_

Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

**RELEASED FROM**

**CONFIDENTIAL**

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

**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 No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes No  Cores Taken Yes <input checked="" type="checkbox"/> No  Electric Log Run <input checked="" type="checkbox"/> Yes No <i>(Submit Copy)</i>  List All E. Logs Run:  Radiation Guard, Dual Induction, Compensated Density Neutron	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum Sample Name Top Datum  See attached
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CASING RECORD <span style="float: right;">New <input checked="" type="checkbox"/> Used</span>							
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#	237'	common	165	3% cc,2% gel
Production	7 7/8"	5 1/2"	14#	4607'	60/40 poz	210	10% salt,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	Acid, Fracture, Shot, Cement Squeeze Record	Depth
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	
4	4521.5-4524, 4530.5-4535.5	1500 gal 15% NE Acid	

TUBING RECORD <span style="float: right;">Size Set At Packer At</span>		Liner Run <span style="float: right;">Yes <input checked="" type="checkbox"/> No</span>	
2 3/8" 4548'			
Date of First, Resumed Production, SWD or Enhr. 11/14/02		Producing Method Flowing <input checked="" type="checkbox"/> Pumping Gas Lift Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbls. 37	Gas Mcf 7	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, Sumit ACO-18.)*  Other (Specify) \_\_\_\_\_



**RITCHIE**

EXPLORATION, INC.  
Wichita, Kansas

ORIGINAL

KCC

JAN 23 2003

CONFIDENTIAL

CONFIDENTIAL

#1 Grusing Trust 1A  
1300' FNL & 330' FEL  
Section 1-17S-31W  
Scott County, Kansas  
API#15-171-20570-0000  
L.D. Drilling, Inc.  
Field Geologist: Kim Shoemaker  
Office Geologist: Rocky Milford  
Staked Elevation: 2,894' GL 2,899' KB

RECEIVED

JAN 28 2003

KCC WICHITA

<u>Sample Tops</u>			Ref	<u>Electric Log Tops</u>			Ref
			Well				Well
massive Anhydrite	2301'	+598	+1	massive Anhydrite	2300'	+599	+2
B/Anhydrite	2322'	+577	+1	B/Anhydrite	2320'	+579	+3
Wabaunsee	3528'	-629	+21	Wabaunsee	3525'	-626	+24
Topeka	3674'	-775	+20	Topeka	3672'	-773	+22
Heebner	3906'	-1007	+17	Heebner	3904'	-1005	+19
Lansing	3941'	-1042	+19	Lansing	3937'	-1038	+23
Muncie Creek	4111'	-1212	+19	Muncie Creek	4110'	-1211	+20
Stark	4209'	-1310	+18	Stark	4208'	-1309	+19
B/KC	4293'	-1394	+11	B/KC	4290'	-1391	+14
Marmaton	4322'	-1423	+15	Marmaton	4323'	-1424	+14
Pawnee	4409'	-1510	+14	Pawnee	4409'	-1510	+14
Myrick Station	4443'	-1544	+14	Myrick Station	4442'	-1543	+15
Fort Scott	4460'	-1561	+14	Fort Scott	4459'	-1560	+15
Cherokee	4486'	-1587	+13	Cherokee	4482'	-1583	+17
Johnson zone	4521'	-1622	+20	Johnson zone	4521'	-1622	+20
Mississippian	4562'	-1663	+13	Mississippian	4556'	-1657	+19
RTD	4615'	-1716		LTD	4614'	-1715	

RELEASED  
FROM  
CONFIDENTIAL

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

# ORIGINAL

# ALLIED CEMENTING CO., INC. 11913

Federal Tax I.D.# XXXXXXXXXX

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

**KCC**

SERVICE POINT:  
OAKLEY

JAN 23 2003

DATE <u>10-8-02</u>	SEC. <u>1</u>	TWP. <u>17S</u>	RANGE <u>31W</u>	CALLED OUT <u>CONFIDENTIAL</u>	ON LOCATION <u>1:00 AM</u>	JOB START <u>2:45 AM</u>	JOB FINISH <u>3:15 AM</u>
LEASE <u>GRUBING TRUST</u>		WELL # <u>1</u>	LOCATION <u>HEALY HW - 3/4 N - WENTO</u>			COUNTY <u>SCOTT</u>	STATE <u>KS</u>
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR LD DRUG.

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4" T.D. 240'

CASING SIZE 8 7/8" DEPTH 237'

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

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

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

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

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

CEMENT LEFT IN CSG. 15'

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

DISPLACEMENT 14 1/4 BBL

OWNER SAME

CEMENT

AMOUNT ORDERED 165 SKS COM 3% CC 2% BCL

COMMON	<u>165 SKS</u>	@	<u>7.85</u>	<u>1295.25</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>174 SKS</u>	@	<u>1.10</u>	<u>191.40</u>
MILEAGE	<u>044 PER SK/MILE</u>			<u>348.00</u>
<b>RECEIVED</b>				
				TOTAL <u>2044.65</u>

**EQUIPMENT**

PUMP TRUCK CEMENTER TERRY

# 300 HELPER WAYNE

BULK TRUCK

# 315 DRIVER FUZZY

BULK TRUCK

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

**REMARKS:**

CEMENT IN CELLAR ✓

THANK YOU

CHARGE TO: RATCHEL EXPLORATION, INC

STREET \_\_\_\_\_

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

DEPTH OF JOB 237'

PUMP TRUCK CHARGE 520.00

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

MILEAGE 50 MILE @ 3.00 150.00

PLUG 8 7/8 SURFACE @ \_\_\_\_\_ 45.00

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL 715.00

**FLOAT EQUIPMENT**

**RELEASED**

FROM \_\_\_\_\_

@ \_\_\_\_\_

**CONFIDENTIAL**

@ \_\_\_\_\_

@ \_\_\_\_\_

TOTAL \_\_\_\_\_

TAX \_\_\_\_\_

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

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

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 Redigo

Michael Redigo  
PRINTED NAME

ORIGINAL

# ALLIED CEMENTING CO., INC.

10970

Federal Tax I.D.# [REDACTED]

REMIT TO P.O. BOX 3  
RUSSELL, KANSAS 67665

**CONFIDENTIAL**

**KCC**

SERVICE POINT:

Oakley

JAN 23 2003

DATE <u>10/22/02</u>	SEC. <u>1</u>	TWP. <u>17S</u>	RANGE <u>31W</u>	CALLED OUT <u>CONFIDENTIAL</u>	ON LOCATION <u>10:45AM</u>	JOB START <u>12:05PM</u>	JOB FINISH <u>1:30PM</u>
BUSING TRUST LEASE		WELL # <u>1A-1</u>	LOCATION <u>Healy 4W 74W W1S</u>		COUNTY <u>SCOTT</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Cheyenne Well Service  
 TYPE OF JOB Cmt Port Collar  
 HOLE SIZE \_\_\_\_\_ T.D. \_\_\_\_\_  
 CASING SIZE 5 1/2 DEPTH 4607  
 TUBING SIZE 2 3/8 DEPTH 2315  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL Port Collar DEPTH 2315  
 PRES. MAX 1500 MINIMUM 300  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. \_\_\_\_\_  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 8.9 BBL

OWNER Same

**CEMENT**  
 AMOUNT ORDERED  
375 sks 50/50 + 67 gpc 1 1/4" Flo-seal  
Used 325 sks 50/50 + 67 gpc 1 1/4" Flo-seal

COMMON	<u>163 sks</u>	@	<u>7.85</u>	<u>1279.55</u>
POZMIX	<u>162 sks</u>	@	<u>3.55</u>	<u>575.10</u>
GEL	<u>17 gk</u>	@	<u>10.00</u>	<u>170.00</u>
CHLORIDE	<u>Flo-seal 81#</u>	@	<u>1.40</u>	<u>113.40</u>
		@		
		@		
		@		
		@		
HANDLING	<u>394 sks</u>	@	<u>1.10</u>	<u>433.40</u>
MILEAGE	<u>48/5K/MI</u>			<u>788.00</u>
				TOTAL <u>3359.45</u>

**EQUIPMENT**

PUMP TRUCK CEMENTER Max  
 # 300 HELPER Wayne  
 BULK TRUCK  
 # 361 DRIVER Terry  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

**REMARKS:**

Pressure Csg To 500 PSI open Port  
Collar Take Injection Rate Mix 325 sks  
Cmt Displace 8 BBL Close Port  
Collar Test Csg To 1500 PSI Run  
1d JTs Reverse Hole Clean  
Cement Did Circulate ✓

**SERVICE**

DEPTH OF JOB	<u>2315</u>		
PUMP TRUCK CHARGE			<u>650.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>50 MI.</u>	@	<u>3.00</u> <u>150.00</u>
PLUG		@	
		@	
		@	
TOTAL <u>800.00</u>			

CHARGE TO: Ritchie Exploration Inc  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**FLOAT EQUIPMENT**

**RELEASED**

FROM \_\_\_\_\_

**CONFIDENTIAL**

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 \_\_\_\_\_

TAX \_\_\_\_\_

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

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

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

ORIGINAL

# ALLIED CEMENTING CO., INC. 11919

Federal Tax I.D. [REDACTED]

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

**CONFIDENTIAL**

KCC

SERVICE POINT:  
OAKLEY

JAN 23 2003

DATE <u>10-18-02</u>	SEC. <u>1</u>	TWP. <u>17S</u>	RANGE <u>31W</u>	CALLED OUT	ON LOCATION <u>2:15 PM</u>	JOB START <u>5:30 PM</u>	JOB FINISH <u>6:15 PM</u>
LEASE <u>CRUSING TRUST #1</u>		WELL # <u>1</u>	LOCATION <u>HEALY 4W-3/4N-WINTO</u>	<b>CONFIDENTIAL</b>		COUNTY <u>SCOTT</u>	STATE <u>KS</u>
OLD OR NEW (Circle one)							

CONTRACTOR L. D. DALG. OWNER SAME

TYPE OF JOB Production string

HOLE SIZE 7 7/8" T.D. 4615'

CASING SIZE 5 1/2" DEPTH 4607'

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

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL PORT COLLAR DEPTH 2315'

PRES. MAX 1250 PSI MINIMUM 200 PSI

MEAS. LINE \_\_\_\_\_ SHOE JOINT 28.80'

CEMENT LEFT IN CSG. 28.80'

CEMENT AMOUNT ORDERED

225 SKS 60/40 #02 10% SALT 28.6EL  
3/4 OF 1% CD-31

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

DISPLACEMENT 111 3/4 ~~100~~ BBL

EQUIPMENT \_\_\_\_\_

PUMP TRUCK CEMENTER TERRY

# 300 HELPER WAYNE

BULK TRUCK

# 361 DRIVER JARROD

BULK TRUCK

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

COMMON	<u>135 SKS</u>	@	<u>7 85</u>	<u>1059 75</u>
POZMIX	<u>90 SKS</u>	@	<u>3 55</u>	<u>319 50</u>
GEL	<u>4 SKS</u>	@	<u>10 00</u>	<u>40 00</u>
CHLORIDE	_____	@	_____	_____
SALT	<u>22 50</u>	@	<u>7 50</u>	<u>165 00</u>
CD-31	<u>145 #</u>	@	<u>5 50</u>	<u>797 50</u>
HANDLING	<u>225 SKS</u>	@	<u>1 10</u>	<u>247 50</u>
MILEAGE	<u>0.44 PER SK/MI</u>			<u>450 00</u>
TOTAL				<u>3079 25</u>

REMARKS:

MIX 500 GAL WFA-2 MIX 15 SKS  
CEMENT IN RAT HOLE. MIX 210  
SKS DOWN 5 1/2 CASING & DISPLACE  
WITH 111 3/4 BBL. WATER.

PLUG LANDED.  
INSERT HELD

THANK YOU

CHARGE TO: RITCHIE EXPLORATION, INC.

STREET \_\_\_\_\_

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

SERVICE

DEPTH OF JOB	<u>4607'</u>		
PUMP TRUCK CHARGE			<u>1130 00</u>
EXTRA FOOTAGE	@		
MILEAGE	<u>50 MI</u>	@	<u>3 00</u> <u>150 00</u>
PLUG	<u>3 1/2 RUBBER</u>	@	<u>50 00</u>
TOTAL <u>1330 00</u>			

FLOAT EQUIPMENT

	<u>5 1/2"</u>		
1-GUIDE SHOE	@		<u>150 00</u>
1-AFU INSERT	@		<u>235 00</u>
6-CENTRALIZERS	@	<u>50 00</u>	<u>300 00</u>
1-BASKET	@		<u>128 00</u>
1-PORT COLLAR	@		<u>1750 00</u>
TOTAL <u>2563 00</u>			

To Allied Cementing Co., Inc.  
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TAX RELEASED

TOTAL CHARGE FROM

DISCOUNT CONFIDENTIAL IF PAID IN 30 DAYS

SIGNATURE Bennie Dells

PRINTED NAME