

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

ORIGINAL

Operator: License # 4767
Name: Ritchie Exploration, Inc.
Address: PO Box 783188
City/State/Zip: Wichita, KS 67278-3188
Purchaser: _____
Operator Contact Person: Craig Caulk
Phone: (316) 691-9500
Contractor: Name: Duke Drilling Co, Inc.
License: 5929
Wellsite Geologist: Gary Gensch
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. _____
6/12/03 6/22/03 6.22.03
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 047-21481
County: Edwards
S2 S2 N2 N2 Sec. 6 Twp. 26 S. R. 20 East West
2160 feet from S / N (circle one) Line of Section
2625 feet from E / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Wetzel Well #: 1
Field Name: _____
Producing Formation: _____
Elevation: Ground: 2244 Kelly Bushing: 2255
Total Depth: 4803' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 330 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 *PK'd W 8.15.03*
(Data must be collected from the Reserve Pit)
Chloride content 15000 ppm Fluid volume 1800 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: 7/3/03
Subscribed and sworn to before me this 3rd day of July,
2003.
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

Operator Name: Ritchie Exploration, Inc. Lease Name: Wetzel Well #: 1
 Sec. 6 Twp. 26 S. R. 20 East West County: Edwards

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 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	# Sacs Used	Type and Percent Additives
surface	12 14/16"	8 5/8"	23#	330'	60/40 poz	200	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

TUBING RECORD		Size	Set At	Packer At	Liner Run		
						<input type="checkbox"/> Yes	<input type="checkbox"/> No
Date of First, Resumed 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 Vented Sold Used on Lease (If vented, Submit ACO-18.)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____



CONFIDENTIAL

ORIGINAL

RECEIVED

JUL 2 5 2003

KCC WICHITA

KCC

JUL 2 4 2003

CONFIDENTIAL

#1 Wetzel
2160' FNL & 2625' FEL
Section 6-26S-20W
Edwards County, Kansas
API# 15-047-21481
Duke Drilling Co, Inc., Rig #1
Field: Gary Gensch
Office: Craig Caulk
Elevation: 2244' GL: 2255' KB

RELEASED
FROM
CONFIDENTIAL

DRILLING REPORT

Electric Log Tops

Anhydrite	1300'	+955
Heebner	3984'	-1729
Lansing	4105'	-1850
Lansing "C"	4134'	-1879
Lansing "H"	4270'	-2015
Stark Sh	4362'	-2107
BKC	4458'	-2203
Altamont	4512'	-2257
Pawnee	4587'	-2332
Cherokee Sh	4634'	-2379
Cong Shale	4697'	-2442
Miss Warsaw	4723'	-2468
Miss Osage	4758'	-2503
LTD	4803'	

CONFIDENTIAL

ORIGINAL

ALLIED CEMENTING CO., INC.

15450

Federal Tax I.D. [REDACTED]

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

KCC

SERVICE POINT:
Ness City

JUL 24 2003

DATE <u>6-13-03</u>	SEC. <u>6</u>	TWP. <u>26</u>	RANGE <u>20 W</u>	CALLED OUT <u>CONFIDENTIAL</u>	ON LOCATION <u>12:00 mid.</u>	JOB START <u>5:30AM</u>	JOB FINISH <u>6:30AM</u>
LEASE <u>Wetzell</u>	WELL # <u>1-6A</u>	LOCATION <u>East edge of OFFERLE - 1/2 south</u>			COUNTY <u>Edwards</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)				<u>1/2 East - 1/2 south - West into</u>			

CONTRACTOR Duke #1
 TYPE OF JOB Surface pipe
 HOLE SIZE 12 1/4 T.D. 332
 CASING SIZE 8 5/8 DEPTH 332
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. approx 15'
 PERFS.
 DISPLACEMENT 20 1/2 BBLs

OWNER Richie Exploration

CEMENT
 AMOUNT ORDERED 200 sy Common
372 - 1/4 lb flo seal -

EQUIPMENT
 PUMP TRUCK CEMENTER Jack
 # 224 HELPER Jim
 BULK TRUCK
 # 341 DRIVER Steve
 BULK TRUCK
 # DRIVER

COMMON	<u>200sy</u>	@	<u>2.15</u>	<u>1430.00</u>
POZMIX		@		
GEL	<u>1/4 qt</u>	@	<u>10.00</u>	<u>40.00</u>
CHLORIDE	<u>6 qt</u>	@	<u>30.00</u>	<u>180.00</u>
Flo Seal	<u>50#</u>	@	<u>1.40</u>	<u>70.00</u>
		@		
		@		
		@		
		@		
HANDLING	<u>212.00</u>	@	<u>1.15</u>	<u>243.80</u>
MILEAGE	<u>212.00 OS</u>		<u>45</u>	<u>471.00</u>

RECEIVED

JUL 25 2003

TOTAL 2440.80

REMARKS:

Run 7 jts of 8 5/8 casg - cement with
200 sy cement - Displace plug with
20 1/2 BBLs of fresh water -
Cement Did Circ -

KCC WICHITA

SERVICE

DEPTH OF JOB	<u>332</u>			
PUMP TRUCK CHARGE				<u>520.00</u>
EXTRA FOOTAGE	<u>32</u>	@	<u>50</u>	<u>16.00</u>
MILEAGE	<u>45</u>	@	<u>3.50</u>	<u>157.50</u>
PLUG	<u>1-8 5/8 wood</u>	@	<u>45.00</u>	<u>45.00</u>
		@		
		@		

TOTAL 738.50
~~753.50~~

CHARGE TO: Richie Exploration
 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 738.50
 DISCOUNT 0.00 IF PAID IN 30 DAYS

SIGNATURE Mike Godfrey

MIKE Godfrey
PRINTED NAME

CONFIDENTIAL

ORIGINAL

ALLIED CEMENTING CO., INC.

15466

Federal Tax I.D.# ~~15-0000000~~

KCC

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

SERVICE POINT:

JUL 24 2003

At Board

DATE <u>6-22-03</u>	SEC. <u>6</u>	TWP. <u>21w</u>	RANGE <u>20</u>	CALLED OUT <u>5:00 PM</u>	ON LOCATION <u>4:00 PM</u>	JOB START <u>5:00 PM</u>	JOB FINISH <u>7:00 PM</u>
LEASE <u>Wetzel</u> WELL # <u>1</u>				LOCATION <u>Off Road - 4 1/2 S, 1/2 E, 1/2 S, W/into</u>		COUNTY <u>Edwards</u>	STATE <u>Ks</u>
OLD OR NEW (Circle one) <u>NEW</u>							

CONTRACTOR Drake #1

TYPE OF JOB Rotary Plug

HOLE SIZE 7 7/8" T.D. 4805'

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2" DEPTH 1300'

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

OWNER Same

CEMENT AMOUNT ORDERED 135 lbs 60/40 1670 128

COMMON	<u>81.44</u>	@	<u>7.15</u>	<u>579.15</u>
POZMIX	<u>54.14</u>	@	<u>3.80</u>	<u>205.20</u>
GEL	<u>7.11</u>	@	<u>10.00</u>	<u>70.00</u>
CHLORIDE		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>142.44</u>	@	<u>1.15</u>	<u>163.30</u>
MILEAGE	<u>142.44</u>	US	<u>45</u>	<u>319.50</u>

EQUIPMENT

PUMP TRUCK CEMENTER Tom D

181 HELPER Bob B

BULK TRUCK DRIVER Steve T

341

BULK TRUCK DRIVER _____

RECEIVED TOTAL 1337.15

JUL 25 2003

KCC WICHITA SERVICE

REMARKS:

Mixed - 50 lbs @ 1300'

50 lbs @ 360'

10 lbs @ 40'

15 lbs in Rottable

10 lbs in Manual side

[Signature]

DEPTH OF JOB	<u>1300'</u>			
PUMP TRUCK CHARGE				<u>520.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>45</u>	@	<u>3.50</u>	<u>157.50</u>
PLUG 1-8 5/8 Duplex		@	<u>23.00</u>	<u>23.00</u>
		@		
		@		

TOTAL 700.50

CHARGE TO: Ritchie Exploration

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

	@			
	@			
	@			
	@			
	@			

TOTAL _____

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TAX _____

TOTAL CHARGE # 700.50

DISCOUNT 0.00 IF PAID IN 30 DAYS

SIGNATURE [Signature]

[Signature]
PRINTED NAME