

ORIGINAL

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

Operator: License # 4767
Name: Ritchie Exploration, Inc.
Address: P.O. Box 783188
City/State/Zip: Wichita, KS 67278-3188
Purchaser: NCRA
Operator Contact Person: John Niernberger
Phone: (316) 691-9500
Contractor: Name: Murfin Drilling Co., Inc.
License: 30606
Wellsite Geologist: Jeff Christian

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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. _____

5/11/04 5/19/04 7/3/04
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 137-20428-00-00
County: Norton
100°E S/2 S/2 SE Sec. 35 Twp. 5 S. R. 23 East West
330 feet from (S) N (circle one) Line of Section
1220 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: Goeken 35D Well #: 1

Field Name: _____
Producing Formation: Lansing
Elevation: Ground: 2411' Kelly Bushing: 2416'
Total Depth: 3955' Plug Back Total Depth: 3897'
Amount of Surface Pipe Set and Cemented at 314 Feet
Multiple Stage Cementing Collar Used? Yes No
If Yes, show depth set 2018 Feet

If Alternate II completion, cement circulated from 2018
feet depth to surface w/ 450 sx cmt.

Drilling Fluid Management Plan ALT II WHM
(Data must be collected from the Reserve Pit) 2-14-07
Chloride content 1200 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: [Signature]
Title: Production Manager Date: 8/9/04
Subscribed and sworn to before me this 9th day of August,
2004.
Notary Public: [Signature]
Date Commission Expires: 5/4/07

DEBRA K. PHILLIPS
Notary Public - State of Kansas
My Appt. Expires 5/4/07

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

Operator Name: Ritchie Exploration, Inc. Lease Name: Goeken 35D Well #: 1
 Sec. 35 Twp. 5 S. R. 23 East West County: Norton

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
 Temperature Log

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CASING RECORD <input type="checkbox"/> New <input checked="" 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" used	28#	314'	Common	200	3% CC & 2% gel
Production	7-7/8"	5-1/2" new	15.5#	3942'	60/40 Pozmix	125	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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	3654' - 3657.3' (LKC-D)	510 gals 28% NE Acid	
4	3689' - 3692' (LKC-G)	610 gals 28% NE Acid	
4	3723' - 3726' (LKC-H)	560 gals 28% NE Acid	
4	3751' - 3754' (LKC-J)	560 gals 28% NE Acid	
4	3771' - 3773' (LKC-K)	560 gals 28% NE Acid	

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2-7/8"	3882'			
Date of First, Resumerd Production, SWD or Enhr. 7/4/04			Producing Method <input type="checkbox"/> Flowing <input checked="" 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	
	28		40		33.9	

Disposition of Gas **METHOD OF COMPLETION** Production Interval
 Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
 (If vented, Submit ACO-18.) Other (Specify) _____



#1 Goeken 35D
330' FSL & 1220' FEL
Section 35-5S-23W
Norton County, Kansas
API# 15-137-20428-00-00
2411' GL: 2416' KB

DRILLING REPORT

<u>Sample Tops</u>			<u>Ref.</u> <u>Well.</u>
Anhydrite	2035'	+381	-1
B/Anhydrite	2068'	+348	-1
Topeka	3370'	-954	+5
Heebner	3566'	-1150	+13
Toronto	3590'	-1174	+14
Lansing	3607'	-1191	+13
Muncie Creek	3708'	-1292	+15
B/KC	3794'	-1378	+14
Arbuckle	3932'	-1516	+28
RTD	3955'	-1539	

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ALLIED CEMENTING CO., INC. 12142

Federal Tax I.D.# 48-0727860

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

SERVICE POINT:

Oakley

DATE <u>5-11-04</u>	SEC. <u>35</u>	TWP. <u>5^s</u>	RANGE <u>23^w</u>	CALLED OUT	ON LOCATION <u>2:00 PM</u>	JOB START <u>3:00 PM</u>	JOB FINISH <u>3:30 PM</u>
LEASE <u>Goeken</u>	WELL # <u>35D</u>	LOCATION <u>283 + 9 Hwy Jct, South to C.L</u>			COUNTY <u>Norton</u>	STATE <u>Kan</u>	
OLD OR NEW (Circle one) <u>NEW</u>		<u>1E, Ms.</u>					

CONTRACTOR MurFin Drf Co #3 OWNER Same

TYPE OF JOB Surface

HOLE SIZE 2 1/4 T.D. 314'

CASING SIZE 8 5/8 DEPTH 314'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 19-BBL

EQUIPMENT

KCC

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PUMP TRUCK CEMENTER Walt

191 HELPER Wayne

BULK TRUCK DRIVER Larry

315 DRIVER

BULK TRUCK DRIVER

DRIVER

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CEMENT

AMOUNT ORDERED 200 SKS COM

3% CC - 2% Cel

COMMON 200 SKS @ 8⁸⁵ 1,770⁰⁰

POZMIX @

GEL 4 SKS @ 11⁰⁰ 44⁰⁰

CHLORIDE 7 SKS @ 30⁰⁰ 210⁰⁰

@

@

@

@

@

HANDLING 211 SKS @ 1²⁵ 263⁷⁵

MILEAGE 5¢ per SK/mile 844⁰⁰

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TOTAL 3,131⁷⁵

REMARKS:

KCC WICHITA

SERVICE

Cement Did Cure

DEPTH OF JOB

PUMP TRUCK CHARGE 520⁰⁰

EXTRA FOOTAGE @

MILEAGE 80-miles @ 4⁰⁰ 320⁰⁰

PLUG @

@

@

Thank You

TOTAL 840⁰⁰

CHARGE TO: Ritchie Exploration, Inc

STREET

CITY STATE ZIP

FLOAT EQUIPMENT

8 5/8 Surface Plug @ 45⁰⁰

@

@

@

@

TOTAL 45⁰⁰

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 Keith VanBuren

PRINTED NAME

ALLIED CEMENTING CO., INC. 5965

Federal Tax I.D.# 48-0727860

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

SERVICE POINT:
OAKLEY

DATE <u>5-24-04</u>	SEC <u>35</u>	TWP. <u>55</u>	RANGE <u>23W</u>	CALLED OUT	ON LOCATION <u>1045 AM</u>	JOB START <u>1:30 PM</u>	JOB FINISH <u>3:45 PM</u>
LEASE <u>GOEKEN 350</u>		WELL # <u>1</u>	LOCATION <u>JCT 9+283-45-1E</u>			COUNTY <u>NORTON</u>	STATE <u>KS</u>
OLD OR NEW (Circle one)							

CONTRACTOR EXPRESS WELL SERVICE OWNER SAME

TYPE OF JOB PORT COLLAR

HOLE SIZE _____ T.D. _____

CASING SIZE 5 1/2" DEPTH _____

TUBING SIZE 2 7/8" DEPTH 2018'

DRILL PIPE _____ DEPTH _____

TOOL PORT COLLAR DEPTH 2018'

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

EQUIPMENT

PUMP TRUCK CEMENTER TERRY

191 HELPER WAYNE

BULK TRUCK _____

361 DRIVER LARRY

BULK TRUCK _____

_____ DRIVER _____

CEMENT
AMOUNT ORDERED

450 SKS 50/50 2 6" 1/4" FLO-SEAL

COMMON 225 SKS @ 8 85 1991 25

POZMIX 225 SKS @ 4 00 900 25

GEL 23 SKS @ 11 00 253 25

CHLORIDE _____ @ _____

_____ @ _____

FLO-SEAL 63" @ 1 49 88 20

_____ @ _____

_____ @ _____

HANDLING 473 @ 1 25 591 25

MILEAGE 054 PER SKI MILE 1892 25

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REMARKS:

TEST SYSTEM TO 1000 PSI. OPEN
PORT COLLAR MIX 170 SKS CEMENT
STARTED TO LOOSE CIRCL. SLOW DOWN
RATE MIX 200 SKS SHUT DOWN FOR 30 min.
FINISH MIXING 80 SKS CEMENT & DISPLACE
11 BBL. CLOSE PORT COLLAR. REPRESSURE TO
1000 PSI. RUN 4 1/2" REVERSE OUT
CEMENT DID NOT CIRCULATE

THANK YOU

DEPTH OF JOB 2018'

PUMP TRUCK CHARGE _____ 650 25

EXTRA FOOTAGE _____ @ _____

MILEAGE 80 MI @ 4 00 320 25

PLUG _____ @ _____

_____ @ _____

_____ @ _____

TOTAL 970 25

CHARGE TO: RITEHIE EXPLORATION, INC

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE _____

PRINTED NAME _____

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.

ALLIED CEMENTING CO., INC. 5959

Federal Tax I.D.# 48-0727860

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

SERVICE POINT:
OAKLEY

DATE <u>5-19-04</u>	SEC. <u>35</u>	TWP. <u>5S</u>	RANGE <u>23W</u>	CALLED OUT	ON LOCATION <u>5:30 PM</u>	JOB START <u>8:30 PM</u>	JOB FINISH <u>9:15 AM</u>
LEASE <u>GOEKEN 350</u>		WELL # <u>1</u>	LOCATION <u>JCT 9+283-45-1E</u>			COUNTY <u>NORTON</u>	STATE <u>Ks</u>
OLD OR <u>(NEW)</u> (Circle one)							

CONTRACTOR <u>MURFIN DRILL RIG #3</u>		OWNER <u>SAME</u>
TYPE OF JOB <u>PRODUCTION STRING</u>		
HOLE SIZE <u>7 7/8"</u>	T.D. <u>3955'</u>	CEMENT AMOUNT ORDERED
CASING SIZE <u>5 1/2"</u>	DEPTH <u>3942'</u>	<u>140 SKS 60/40 POZ 10% SALT 2% GEL 3/4 OF 1% CO-31</u>
TUBING SIZE	DEPTH	<u>500 GAL WFR-2</u>
DRILL PIPE	DEPTH	
TOOL PORT COLLAR	DEPTH <u>2017'</u>	
PRES. MAX <u>10000 PSI</u>	MINIMUM <u>200 PSI</u>	COMMON <u>84 SKS @ 8.85 = 743.40</u>
MEAS. LINE	SHOE JOINT <u>44'</u>	POZMIX <u>56 SKS @ 4.00 = 224.00</u>
CEMENT LEFT IN CSG. <u>44'</u>		GEL <u>2 SKS @ 11.00 = 22.00</u>
PERFS.		CHLORIDE
DISPLACEMENT <u>92 3/4</u>		<u>SALT 14 SKS @ 7.50 = 105.00</u>
EQUIPMENT		<u>DEFOAMER 50# @ 5.25 = 262.50</u>
PUMP TRUCK # <u>191</u>	CEMENTER <u>TERRY</u>	<u>CO-31 90# @ 5.50 = 495.00</u>
	HELPER <u>WAYNE</u>	<u>WFR-2 500 GAL @ 1.00 = 500.00</u>
BULK TRUCK # <u>315</u>	DRIVER <u>LOANEE</u>	HANDLING <u>158 SKS @ 1.25 = 197.50</u>
BULK TRUCK #	DRIVER	MILEAGE <u>054 PER SKT/MILE = 632.00</u>

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 AUG 10 2004 **CONFIDENTIAL SERVICE**
 KCC WICHITA

REMARKS:

MEX 500 GAL WFR-2 MEX
15 SKS CEMENT RAT HOLE, MEX
125 SKS 60/40 POZ 10% SALT 2% GEL 3/4 OF 1% CO-31 + DISPLACE
WITH 92 3/4 BBL WATER,
PLY 6 LANDED
FLOAT HELD
 THANK YOU

DEPTH OF JOB	<u>3942'</u>	
PUMP TRUCK CHARGE		<u>1130.00</u>
EXTRA FOOTAGE	@	
MILEAGE	<u>80 ME @ 4.00</u>	<u>320.00</u>
PLUG	@	
	@	
	@	
		TOTAL <u>1450.00</u>

CHARGE TO: RITCHIE EXPLORATION, INC.
 STREET _____
 CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

	<u>5 1/2</u>	
<u>1-GUIDE SHOE</u>	@	<u>150.00</u>
<u>1-AFU INSERT</u>	@	<u>235.00</u>
<u>6-TURBO CENTRALIZERS</u>	@ <u>60.00</u>	<u>360.00</u>
<u>2-BASKETS</u>	@ <u>128.00</u>	<u>256.00</u>
<u>1-PORT COLLAR</u>	@	<u>1750.00</u>
<u>1-5 1/2 RUBBER PLUG</u>	@	<u>60.00</u>
		TOTAL <u>2811.00</u>

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

SIGNATURE Keith Van Pelt

PRINTED NAME _____