

CONFIDENTIAL

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

RECEIVED
7-78-2002
JUL 18 2002

KCC ORIGINAL

Operator: License # 4767 **KCC**
Name: Ritchie Exploration, Inc.
Address: P.O. Box 783188 **JUL 17 2002**
City/State/Zip: Wichita, KS 67278-3188
Purchaser: NCRA **CONFIDENTIAL**
Operator Contact Person: Karen Hopper
Phone: (316) 691-9500
Contractor: Name: _____
License: _____
Wellsite Geologist: _____

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: Ritchie Exploration, Inc.

Well Name: Deutscher "A"
Original Comp. Date: 4/3/82 Original Total Depth: 4010'
____ Deepening ____ Re-perf. ____ Conv. to Enhr./SWD
____ Plug Back ____ Plug Back Total Depth
 Commingled Docket No. CO 070202
____ Dual Completion Docket No. _____
____ Other (SWD or Enhr.?) Docket No. _____

4/17/02 4/22/02
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 195-20,906
County: Trego
__ NV NV SE Sec. 19 Twp. 12 S. R. 21 East West
2970 feet from S / **(N)** (circle one) Line of Section
2310 feet from **(E)** / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE **(SE)** NW SW
Lease Name: Deutscher "A" Well #: 1
Field Name: Ogallah NE
Producing Formation: Shawnee, L/KC, Marmaton
Elevation: Ground: 2296' Kelly Bushing: 2301'
Total Depth: 4010' Plug Back Total Depth: 3972'
Amount of Surface Pipe Set and Cemented at 203 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from **RELEASED**
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan *Workover on 10-29-02*
(Data must be collected from the Reserve Pit) **FROM CONFIDENTIAL**
Chloride content _____ ppm Fluid volume _____ bbis
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.: _____

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: 7/17/02
Subscribed and sworn to before me this 17th day of July,
2002
Notary Public: Karen Hopper
Date Commission Expires: _____

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

Operator Name: Ritchie Exploration, Inc. Lease Name: Deutscher "A" Well #: 1
 Sec. 19 Twp. 12 S. R. 21 East West County: Trego

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 <i>(Attach Additional Sheets)</i>	Yes <input checked="" type="checkbox"/> No	Log	Formation (Top), Depth and Datum	Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes No	Name	Top	Datum
Cores Taken	Yes <input checked="" type="checkbox"/> No	Anhy	1726'	+575
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes No	Topeka	3334'	-1033
List All E. Logs Run: <u>11/24/01</u> RA Guard Log		Toronto	3572'	-1271
		Lansing	3584'	-1283
		Marmaton	3905'	-1604

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	# Sacks Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	28#	203'	common	155	
Production	7 7/8"	4 1/2"	10.5#	4008'	60/40 poz	200	10% salt

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
1	3910'-3932' (Marmaton)	500 gals 15% INS @ 10 BPM @	900#
2	3672'-3675' (LKC-90)	800 gals 28% HCL @ 2.5 BPM @ 400#	
1	3586'(LKC-Top) 3574' (Toronto)	1800 gals 28% HCL @ 4BPM @ 2000#	
2	3585'-3588'(LKC-Top) 3572'-3576" (Toronto)		
3 *New*	3765'-3744', 3744'-3751', 3726'-3731' (LKC)	2500 gals 15% NE 70 Soluble-perf ball seal	
3 *New*	3642'-3644.5', 3623.5'-3626' (LKC)	2000 gals 15% NE 34 Soluble-perf ball seal	

TUBING RECORD		Size	Set At	Packer At	Liner Run	Yes	No
		2 3/8"	3972'				
Date of First, Resumed Production, SWD or Enhr.			Producing Method				
4/22/02			Flowing	<input checked="" type="checkbox"/> Pumping	Gas Lift	Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbbs.	Gas Mcf	Water Bbbs.	Gas-Oil Ratio	Gravity		
	6		65				

Disposition of Gas: Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled Shawnee, L/KC, Marmaton
(If vented, Sumit ACO-18.) Other (Specify) _____



17. 17. 04

RELEASED

AUG 26 2004

FROM CONFIDENTIAL

July 17, 2002

CONFIDENTIAL

RECEIVED
JUL 18 2002
KCC WICHITA

State Corporation Commission
Conservation Division
130 S. Market, Room 2078
Wichita, KS 67202

KCC

JUL 17 2002

CONFIDENTIAL

RE: #1 Deutscher "A"
NW NW SE
Sec. 19-12S-21W
Trego County, Kansas

To Whom It May Concern:

Enclosed please find Ritchie Exploration, Inc.'s ACO-1 and Commingling Application (Form ACO-4) for the above referenced well. Enclosed are the required attachments for both forms. We are requesting the information be held confidential for a one year period.

If you have any questions, please feel free to call the undersigned or John Niernberger at 316-691-9500. Thank you.

Sincerely,

Karen Hopper
Production Assistant

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Enclosures



CONFIDENTIAL

RELEASED

AUG 26 2004

FROM CONFIDENTIAL

RECEIVED

JUL 26 2002

KCC WICHITA

July 24, 2002

State Corporation Commission
Conservation Division
130 S. Market, Room 2078
Wichita, KS 67202

15195209060001?

RE: #1 Deutscher "A"
NW NW SE
Sec. 19-12S-21W
Trego County, Kansas

KCC

JUL 17 2002

CONFIDENTIAL

To Whom It May Concern:

Ritchie Exploration, Inc. requests the ACO-1 form on the above captioned well be held confidential for an additional one (1) year period to July 17, 2004.

Thank you for the time taken with this matter.

Sincerely,

RITCHIE EXPLORATION, INC.

Karen Hopper
Karen Hopper
Production Assistant

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