

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

ORIGINAL

API NO. 15- 109-20,383-0001 ^{relax}
County Logan ^{JAN 9 11}
NE SE Sec. 13 CONFIDENTIAL Twp. 32W Rng. E W

RELEASED

Operator: License # 4767
Name: Ritchie Exploration, Inc. 23
Address 125 N. Market, Suite 1000
Wichita, Kansas 67202

1650 Feet from S (circle one) Line of Section
1993 990 Feet from E (circle one) Line of Section
Elevations calculated from Nearest Outside Section Corner:
NE, (SE), NW or SW (circle one)

City/State/Zip _____

Lease Name Delzeit Well # 1

Purchaser: Koch Oil Company

Field Name _____
LKC

Operator Contact Person: A. Scott Ritchie III

Producing Formation Toronto, Marmaton, Johnson,

Phone (316) 267-4375

Elevation: Ground 3003' KB 3008'

Contractor: Name: _____

Total Depth 4650' PBTD 4607

License: _____

Amount of Surface Pipe Set and Cemented at 304' Feet

Wellsite Geologist: _____

Multiple Stage Cementing Collar Used? X Yes _____ No

Designate Type of Completion
____ New Well ____ Re-Entry X Workover

If yes, show depth set 2490' Feet

X Oil ____ SWD ____ SIOW ____ Temp. Abd.
____ Gas ____ ENHR ____ SIGW
____ Dry ____ Other (Core, WSW, Expl., Cathodic, etc)

If Alternate II completion, cement circulated from 2490'

feet depth to surface w/ 575 sx cmt.

If Workover/Re-Entry: old well info as follows:

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Operator: Ritchie Exploration, Inc

Chloride content _____ ppm Fluid volume _____ bbls

Well Name: #1 Delzeit

Dewatering method used _____

Comp. Date 7-23-85 Old Total Depth 4650'

Location of fluid disposal (chauled offsite):
PLEASE KEEP THIS INFORMATION CONFIDENTIAL

____ Deepening X Re-perf. ____ Conv. to Inj/SWD
____ Plug Back _____ PBTD
X Commingled Docket No. CO 9852
____ Dual Completion Docket No. _____
____ Other (SWD or Inj?) Docket No. _____

Operator Name _____

Lease Name _____ License No. _____

11-12-91 11-15-91
Spud Date Date Reached TD Completion Date

____ Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 on 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 President Date 1-10-92

Subscribed and sworn to before me this 10th day of January 1992.

Notary Public [Signature]

Date Commission Expires _____

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
G Geologist Report Received
CORPORATION COMMISSION
Distribution
X KCC _____ SWD/Rep _____ NGPA
JAN 13 1992 _____ Plug _____ Other (Specify)
KANSAS CONSERVATION DIVISION
WICHITA, KS
FORM ACO-1 (7-91)

LISA THIMMESCH
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 8-29-95

Operator Name Ritchie Exploration, Inc. Lease Name Delzeit Well # 1

Sec. 13 Twp. 11 Rge. 22W East West
 County Logan

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input type="checkbox"/> No			

List All E.Logs Run:

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	# Sacks Used	Type and Percent Additives

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
3	Myrick Station 4476'-4478.5'	500 g 15% acid	
3	LKC 4229'-4231.5'; 4205.8'-4209.3'; 4166'-4171'; 4095'-4098'	500 g 15% acid; 500 g 28% acid 750 g 15% acid	

TUBING RECORD	Size <u>2 3/8"</u> Set At <u>4587'</u> Packer At <u>none</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SVD or Inj. <u>11-15-91</u>	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls. <u>14.09</u>	Gas Mcf <u>0</u>	Water Bbls. <u>118.83</u>	Gas-Oil Ratio	Gravity
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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 _____