

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

CONFIDENTIAL

Operator: License # 4767

Name: Ritchie Exploration, Inc.

Address P.O. Box 783188

City/State/Zip Wichita, KS 67278

Purchaser: Texaco Trading & Transp.

Operator Contact Person: Julie Stout

Phone (316) 691-9500

Contractor: Name: Western Well Service

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/Reentry: Old Well Info as follows:

Operator: Ritchie Exploration, Inc.

Well Name: #1 JM Bloom

Comp. Date 3-16-90 Old Total Depth 4650

- Deepening Re-perf. Conv. to Inj/SWD
- Plug Back PBD
- Commingled Docket No. _____
- Dual Completion Docket No. _____
- Other (SWD or Inj?) Docket No. _____

1-8-98 1-14-98
Open Date of Date Reached TD Completion Date

Start of workover.

of workover.

API NO. 15- 063-21,313 0001

County Gove

S/2 -SW -SW- Sec. 11 Twp. 11 Rge. 31 E W

330 Feet from S/N (circle one) Line of Section

4620 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name JM Bloom Well # 1

Field Name unknown

Producing Formation Johnson zone & LKC

Elevation: Ground 2983 KB 2988

Total Depth 4650 PBDT 4622

Amount of Surface Pipe Set and Cemented at _____ 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 DWVO, 9-30-98 UC.
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____

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

County _____ Docket No. _____

KCC
MAR 23
CONFIDENTIAL

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 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 3-19-98

Subscribed and sworn to before me this 19th day of March, 19 98.

Notary Public [Signature]

Date Commission Expires July 23, 2001

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Geologist Report Received
Distribution		
<input type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
<input type="checkbox"/>		<input type="checkbox"/> NGPA
		<input type="checkbox"/> Other (Specify)

JULIE K. STOUT
Notary Public - State of Kansas
My Appt. Expires 7-23-2001

SIDE TWO

Operator Name Ritchie Exploration, Inc. Lease Name JM Bloom Well # 1

Sec. 11 Twp. 11 Rge. 31 East West
 County Gove

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 Datums	<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
<u>SURFACE</u>		<u>8.025</u>		<u>200</u>		<u>165</u>	
<u>PRODUCTION</u>		<u>4.5</u>		<u>4650</u>		<u>175</u>	

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
	<u>see attached sheet</u>		

TUBING RECORD	Size <u>2 3/8"</u>	Set At <u>4600'</u>	Packer At <u>4160'</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SMD or Inj.	<u>1-14-98</u>	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 <u>5</u> Bbls.	Gas <u>Mcf</u>	Water <u>116</u> 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

Production Interval: Other (Specify) _____



ORIGINAL

CONFIDENTIAL 15-063-21313-0001

March 19, 1998

Attachment for ACO-1 on the # 1 JM Bloom recompletion

Shots per foot: 3 1/8" SSB Jets w/3 SPF

Perforations: 4608-4611' (Conglomerate Sand & old Johnson zones)
500 gallons 7.5% NE/FE Acid with 1 gallon Cla-Sta and
12 perf. balls

4518-4523' (Fort Scott), 4510-4513' (Fort Scott)
4486-4496' (Myrick Station)
750 gallons 15% NE Acid with 25 perf. balls

4188-4190' (LKC "H" and old LKC "K", "J" zones)
750 gallons 15% NE Acid with 15 perf. balls

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MAR 23
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RECEIVED
KANSAS CORP
MAR 23 1998