

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

ORIGINAL

Operator: License # 4767
Name: Ritchie Exploration, Inc.
Address: P.O. Box 783188
City/State/Zip: Wichita, KS 67278-3188
Purchaser: Eott Energy
Operator Contact Person: John Niernberger
Phone: (316) 691-9500
Contractor: Name: _____
License: _____
Wellsite Geologist: _____

Designate Type of Completion:
____ New Well ____ Re-Entry XX Workover
____ Oil ____ SWD ____ SIOW ____ 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: Chapman 5-X

Original Comp. Date: 3/29/91 Original Total Depth: 3730'
____ Deepening ____ Re-perf. ____ Conv. Enhr./SWD
____ Plug Back ____ Plug Back at Depth
____ Commingled ____ Docket No. _____
____ Dual Completion ____ Docket No. _____
____ Other (SWD or Enhr.?) ____ Docket No. _____
9/7/00 9/28/00
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 163-23,145 -00-01
County: Rooks
SW NW SE SW Sec. 22 Twp. 6 S. R. 20 East West
1600 feet from S / (N) (circle one) Line of Section
2260 feet from E / (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE (NW) SW
Lease Name: Chapman Well #: 5-X
Field Name: Locelela N

Producing Formation: Cong. Sand, Lansing & Toronto
Elevation: Ground: 2175' Kelly Bushing: 2180'
Total Depth: 3730' Plug Back Total Depth: 3699'
Amount of Surface Pipe Set and Cemented at 236 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1746.3 Feet
If Alternate II completion, cement circulated from 1746.3
feet depth to surface w/ 352 sx cmt.

Drilling Fluid Management Plan ACT # 57-01 DPW
(Data must be collected from the Reserve Pit) OWWO KJR 7/20/07
Chloride content _____ ppm Fluid volume _____ bbls
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.: _____

RECEIVED
KANSAS CORPORATION COMMISSION
JAN 19 2001
CONSERVATION DIVISION

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: 1/18/01
Subscribed and sworn to before me this 18th day of January,
2000
Notary Public: Karen Hopper
Date Commission Expires: 10/27/03

A. 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: 1-23-01 DPW
____ Wireline Log Received
____ Geologist Report Received
____ UIC Distribution

Operator Name: Ritchie Exploration, Inc. Lease Name: Chapman Well #: 5-X
 Sec. 22 Twp. 6S S. R. 20 East West County: Rooks

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)

List All E. Logs Run:

Log Formation (Top), Depth and Datum Sample

Name Top Datum

[Handwritten scribble]

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	# Sacs Used	Type and Percent Additives
surface	12.25"	8 5/8"	28#	236'	60/40 poz	175	2% gel, 3% c
production	7.875"	4.5"	10.5#	3727'	60/40 poz	150	10% salt, 3% gilsonite

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	1982-2418	common	425	6% gal seal, 3% calcium chloride

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type	Acid, Fracture, Shot, Cement Squeeze Record	Depth
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	
2	3651.5-3653.5; 3656-59	750 gal 15% MCA	3578.3-3582.3
3	3578.3-3582.3; 3562.3-3566.3; 3597.3-3388.3	1500 gal 28% NE	3562.3-3566.3
		500 gal 28% NE	3397.3-3399.3

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	3618	3350	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Enhr.	Producing Method
9/28/00	<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
	5	0	140		

Disposition of Gas Vented Sold Used on Lease (If vented, Sumit ACO-18.)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled 3651.5-53.5; 3656-59; 3578.3-3582.3; 3562.3-3566.3; 3397-3399.3

Production Interval