

JUST BE TYPED

7911

SIDE ONE

KCC  
10-21-24W  
FEB

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

COPY

APPLY NO. 15- 083-21,368

County Hodgeman

CONFIDENTIAL

C W/2 W/2 SE Sec. 1 Twp. 21 Rge. 24 X W

Operator: License # 4767

1320 Feet N/S (circle one) of Section Line

Name: Ritchie Exploration, Inc.

2310 Feet E/W (circle one) of Section Line

Address 125 N. Market, Suite 1000

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

City/State/Zip Wichita, KS 67202

Lease Name Fitz-Gerald Well # 1

Purchaser: Texaco

Field Name Goebel NE

Operator Contact Person: Scott Ritchie III

Producing Formation Mississippian

Phone (316) 267-4375

Surface Foot: Ground 2279' KB 2284'

Contractor: Name: White & Ellis Drilling

Total Depth 4418' PBD

License: 5420

Depth of Surface Pipe Set and Cemented at 216' Feet

Wellsite Geologist: Kitt Noah

Multiple Stage Cementing Collar Used? X Yes No

Designate Type of Completion  
X New Well Re-Entry Workover

If yes, show depth set 1472' Feet

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

If Alternate II completion, cement circulated from 1472'

feet depth to surface w/ 200 sx cmt.

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

Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) 2-5-92

Operator:

Chloride content 48,000 ppm Fluid volume 398 bbls

Well Name: FEB 4 1992

Dewatering method used evaporation

Comp. Date Old Total Depth

Location of fluid disposal if hauled offsite: n/a

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

Operator Name

Lease Name License No.

12/01/91 12/09/91 1/16/92  
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 2/03/92

Subscribed and sworn to before me this 3rd day of February 19 92.

Notary Public [Signature]

Date Commission 6/07/92

LINDA K. RICE  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appl. Exp.

K.C.C. OFFICE USE ONLY  
F Letter of Confidentiality Attached  
C Wireline Log Received  
C Geologist Report Received  
Distribution  
KCC SVD/Rep NGPA  
KGS Plug Other (Specify)

WHS-15-1

Sec. 1 Twp. 21S Rge. 24W  East County Hodgeman  West

**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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log Name	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample Datum
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Top	
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		See attached page.	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
List All E.Logs Run: RA Guard Correlation				

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

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"	28#	216'	60/40 poz	135	2%gel, 3%CC
Production	7-7/8"	5 1/2"	14#	4413.5'	60/40 poz	100	10% salt, 3%gel, 3%CC
						500 g.	WFRIL

ADDITIONAL CEMENTING/SQUEEZE RECORD					
Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<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
		Open hole 4413.5'-18'		600 gal. of 15% MCA	

<b>TUBING RECORD</b>	Size 2-1/2"	Set At 4365.13'	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
1/16/92				
Estimated Production Per 24 Hours	Oil 10 Bbls.	Gas Mcf	Water 185 Bbls.	Gas-Oil Ratio Gravity

Disposition of Gas: n/a

Vented  Sold  Used on Lease (If vented, submit ACO-18.)

**METHOD OF COMPLETION**

Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval: 4413.5'-18'

#1 Fitz-Gerald  
C W/2 W/2 SE  
Section 1-21S-24W  
Hodgeman County, Kansas  
API# 15-083-21,368  
ACO-1 form  
Page 2

DRILL STEM TESTS

DST #1 from 4335' to 4405'  
(Miss. Dolo.). Recovered 2'  
clean oil & 13' mud.  
IFP:20-20#/30"; ISIP:55#/30";  
FFP:20-20#/30"; FSIP:55#/30".

DST #2 from 4403' to 4413'  
(Miss. Dolo.). Recovered 2'  
clean oil, 13' mud.  
IFP:10-10#/30"; ISIP:288#/30";  
FFP:20-20#/30"; FSIP:222#/30".

DST #3 from 4408' to 4418'  
(Miss. Dolo.). Recovered 5' of  
clean oil, 40' oil & water cut  
mud (10% oil, 30% water, 60%  
mud).  
IFP:20-20#/45"; ISIP:936#/45";  
FFP:30-30#/45"; FSIP:936#/45".

DST #4 from 4275' to 4319' (Ft. Scott). Straddle test.  
Recovered 390' of gas in pipe, 90' oil cut mud (20% oil,  
80% mud); 60' of oil and water cut mud (10% oil, 40% water,  
50% mud); and 60' of water.  
IFP:35-65#/30"; ISIP:794#/45";  
FFP:85-110#/30"; FSIP:751#/45".

PLEASE KEEP THIS  
INFORMATION  
CONFIDENTIAL

ELECTRIC LOGS

Anhydrite	1498'(+ 786)
B/Anhydrite	1534'(+ 750)
Heebner	3721'(-1437)
Lansing	3769'(-1485)
B/KC	4107'(-1823)
Pawnee	4223'(-1939)
Ft. Scott	4287'(-2003)
Cher. Sh.	4313'(-2029)
Miss. Lm.	4389'(-2105)
Miss. Dolo.	4399'(-2115)
LTD	4418'(-2134)

RELEASED

RECEIVED  
KANSAS CORPORATION COMMISSION

FEB 4 1992

FROM CONFIDENTIAL

CONSERVATION DIVISION  
WICHITA, KS