FORM MUST BE TYPED

SIDE ONE

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

COPY

Operator: License # 4767

Name: Ritchie Exploration, Inc.

Address P.O. Box 783188

City/State/Zip Wichita, KS 67278

Purchaser: Texaco

Operator Contact Person: Lisa Thimmesch

Phone (316) 691-9500

Contractor: Name: Express Well Service

License: 6426

Wellsite Geologist:

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

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

If Workover:

Operator: Don E. Pratt

Well Name: Denio

Comp. Date 11/77 Old Total Depth 4100'

___ Deepening ___ Re-perf. ___ Conv. to Inj/SWD
XXX Plug Back 3700' PBTD
___ Commingled Docket No.
___ Dual Completion Docket No.
___ Other (SWD or Inj?) Docket No.

XXX Squeeze OFF CASING HOLES

3-5-97 Date OF START OF WORKOVER | Date Reached TD | 4-3-97 Completion Date OF WORKOVER

API NO. 15- 065-20,976 0001

County Graham

C - SE - NW - Sec. 5 Twp. 10 Rge. 24W X E W

2030 Feet from S/N (circle one) Line of Section

2030 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 Denio "P" Well # 2

Field Name

Producing Formation L/KC

Elevation: Ground 2497 KB 2502

Total Depth 4100 PBTD

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 REWORK JH 6-9-97
(Data must be collected from the Reserve Pit)

Chloride content ___ ppm Fluid volume ___ bbls

Dewatering method used

Location of fluid disposal if hauled offsite:

RELEASED
SEP 16 1998
FROM CONFIDENTIAL

Operator Name

Lease Name License No.

___ 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, 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.

. requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied wi and the statements herein are complete and correct to the best of my knowledge.

Signature

Title President Date 5/28/97

Subscribed and sworn to before me this 28th day of May, 19 97.

Notary Public Lisa Thimmesch

e Commission Expires

LISA THIMMESCH
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 8-29-99

K.C.C. OFFICE USE ONLY
F ✓ Letter of Confidentiality Attached
C ___ Wireline Log Received
C ___ Geologist Report Received

Distribution
✓ KCC ___ SWD/Rep ___ NGPA
___ KGS ___ Plug ✓ Other (Specify)

Form ACO-1 (7-91)

78023

SIDE TWO

Operator Name Ritchie Exploration, Inc. Lease Name Denio "P" Well # 2

Sec. 5 Twp. 10 Rge. 24W ☐ East ☒ West County Graham

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.) ☐ Yes ☒ No

Samples Sent to Geological Survey ☐ Yes ☒ No

Cores Taken ☐ Yes ☒ No

Electric Log Run (Submit Copy.) ☐ Yes ☒ No

List All E.Logs Run:

☐ Log Formation (Top), Depth and Datums ☐ Sample

Name	Top	Datum

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 Percen Additives

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate X Protect Casing ___ Plug Back TD ___ Plug Off Zone	2011'-3105	60/40 poz	400	2% CC

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
	3846'-4000' L/KC		
	CIBP @ 3700' ?		

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	4056'		☐ Yes ☒ No

Date of First, Resumed Production, SWD or Inj.	Producing Method
4-3-97	☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	5		21.5		

Disposition of Gas: METHOD OF COMPLETION Production Interval

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

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled 3846'-4000'

☐ Other (Specify) _____