SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
RECOMPLETION FORM
ACO-2 AMENDMENT TO WELL HISTORY

Operator: License # 4779

Name: North American Resources Company

Address: 16 East Granite

City/State/Zip: Butte, MT 59701

Purchaser: Texaco

Operator Contact Person: Ben Stromberg
Phone: (406) 782-4233

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

Date of Original Completion 11-7-90

Name of Original Operator North American Resources Company

Original Well Name Herbert 17-1

Date of Recompletion:

8-13-91 Commenced

8-17-91 Completed

Re-entry ☐ Workover ☒

Designate Type of Recompletion/Workover:
____ Oil ____ SWD ____ Temp. Abd.
____ Gas ____ Inj ____ Delayed Comp.
____ Dry X Other (Core, Water Supply, etc.)
sqz. fresh H2O zone.
____ Deepening ____ Re-perforation
____ Plug Back ____ PBTD
____ Conversion to Injection/Disposal

Is recompleted production:
X Commingled Docket No. NP 79119
____ Dual Completion Docket No. ____
____ Other (Disposal or Injection?) Docket No. ____

API NO. 15- 055-20,944

County Finney

____ NW NW Sec. 17 Twp. 23 Rge. 30 X East / ____ West

4620 Ft. North from Southeast Corner of Section

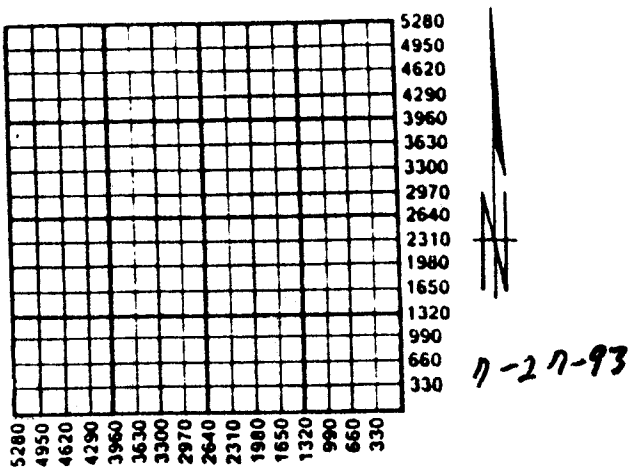
4620 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name Herbert Well # 17-1

Field Name Bulger

Producing Formation St. Louis and St. Genevieve

Elevation: Ground 2847 KB 2852



K.C.C. OFFICE USE ONLY
F ____ Letter of Confidentiality Attached
C ____ Wireline Log Received
C ____ Drillers Timelog Received

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

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the recompletion of any well. Rules 82-3-107 and 82-3-141 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 any additional wireline logs and driller's time logs (not previously submitted) shall be attached with this form. Submit ACO-4 or ACO-5 prior to or with this form for approval of commingling or dual completions. Submit CP-1 with all plugged wells. Submit CP-111 with all temporarily abandoned wells. NOTE: Conversion of wells to either disposal or injection must receive approval before use; submit form U-1.

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 ____ Title Drilling Supt. Date 01/17/92

Subscribed and sworn to before me this 16th day of January 19 92.

Notary Public Jeri Ann O'Neil Date Commission Expires May 24, 1994

FORM ACO 2
7/89

SIDE TWO

Operator Name North American Resources Co. Lease Name Herbert Well # 17-1

☐ East

Sec. 17 Twp. 23 Rge. 30 ☒ West County Finney

RECOMPLETION FORMATION DESCRIPTION

☐ Log ☐ Sample

Name	Top	Bottom

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top	Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
X Perforate	714-1600'		Thixset	325sx	N/A
___ Protect Casing	714-1600'		Class H	25sx	
___ Plug Back TD	Annulus		Lite	200sx	
X Plug Off Zone					

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)
4	1600' (squeeze holes)	350sx Thikset + "H"/200sx Lite

PBTD 4947' Plug Type RBP (Retrievable Bridge Plug)

TUBING RECORD

Size 2-3/8 Set At 4857 Packer At 4725 Was Liner Run ___ Y X N

Date of Resumed Production, Disposal or Injection 8-17-91

Estimated Production Per 24 Hours Oil 30 Bbls. Water 15 Bbls. TSTM Gas-Oil-Ratio

Gas TSTM Mcf

Disposition of Gas:

☐ Vented ☒ Sold ☐ Used on Lease (submit ACO-18.)