

WORKOVER PROCEDURE

DATE:11/12/91

WELL & JOB: STATE 157 "B" # 4

DRILLED: 1979

LAST WORKOVER: 1990

FIELD: JALMAT YATES

COUNTY: LEE COUNTY,
NEW MEXICO

BY: GD HOLEMAN

TD: 4000

PBD: 3964

DATUM: 10.00 KB

TUBINGHEAD:

SIZE:

PRESS RATING:

CASING:	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>SET @</u>	<u>SX CMT</u>	<u>TOC</u>
SURFACE:	8-5/8"	24	K-55	1218'	500	SURFACE
INTER:						
PROD:	5-1/2"	15.5	K-55	4000'	1250	SURFACE
LINER:	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>TOP</u>	<u>BTM</u>	<u>TO</u>

PERFORATIONS: 3587'-3868'

TUBING:	SIZE: 2-7/8"	WEIGHT: 6.5#	GRADE: J-55	THREAD: EUE 8 RD
BTM'D @ 3012'		JOINTS: 94	MISC: ODI PUMP AND EQUIPMENT	

PACKER AND MISC:

HISTORY AND BACKGROUND: THIS WELL WAS ORIGINALLY DRILLED IN DECEMBER 1979, AND COMPLETED IN THE YATES FORMATION. IN THE STATE "B" 157 #4, THE QUEEN, SEVEN RIVERS, AND LOWER YATES ARE WET. ONLY THE UPPER PORTION OF THE YATES WAS ABOVE THE OIL-WATER CONTACT AT INITIAL COMPLETION. IT'S LAST PRODUCTION RATE IN FEB. 1991 WAS OVER 1150 BFPD AT A WATER CUT OF GREATER THAN 99%. IN 1990 IT WAS DISCOVERED THE 5-1/2 CASING WAS PARTED APPROXIMATELY 400' ABOVE THE PERFORATIONS @ 3074 (+-).

SCOPE OF WORK: PLUG AND ABANDON

PROCEDURE

1. MIRU PU. ND TREE. NU BOPE. .
2. POH W/ 2-7/8 TBG AND ODI PUMP AND EQUIPMENT.
3. RIH W/ 4-3/4 BIT ON 2-7/8 TBG TO CSG. PART @ 3074' (+-).
4. CIRC HOLE W/ 10# GBW, 25# GEL/BBL, 30 VIS. POH W/ BIT AND 2-7/8 TBG.
5. RIH W/ 5-1/2 EZSV CR. PUMP THRU RETAINER. SET @ 3000' (+-) CEMENT W/ 100 SX CLASS "C" NEAT. PULL OUT OF RETAINER. DUMP 35' CEMENT ON TOP OF RETAINER. REVERSE OUT EXCESS CEMENT. TEST ANNULUS TO 500 PSI.
6. POH TO 1950' (+-). SPOT 250' CEMENT PLUG F/ 1950'-1700'.
7. POH TO 1270' (+-). SPOT 100' CEMENT PLUG F/ 1270'-1170'.
8. POH W/ 2-7/8 TBG. SPOT 10 SX PLUG @ SURFACE. POH LD TBG.
9. ND BOPE. CUT OFF WELLHEAD. WELD ON STEEL PLATE W/ VALVE AND DRY HOLE MARKER.

GARY HOLEMAN

CONCUR _____