

WORKOVER RECOMMENDATION

WELL: New Mexico 36 State Com #1 **DATE:** 3/10/03
LOCATION: 1,980' FEL & 660' FNL, Section 36, T18S, R33E **ELEV(GR/KB):** 3,841.3'/3,856.1'
COUNTY, STATE: Lea County, New Mexico **TD:** 13,650'
PREPARED BY: E. Scott Kimbrough **PBTD:** 13,110' (Top of
DR plug in DB pkr)
OBJECTIVE: Clean out wellbore to Morrow interval, stimulate and return well to production

CASING RECORD:	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>DEPTH</u>	<u>CEMENT</u>	<u>TOC</u>
	13-3/8"	48,54.5#	J55,H40	308'	350 sx	Circ to Surf
	8-5/8"	24,32#	K55	3,700'	1,525 sx	Circ to Surf
	5-1/2"	17,20#	N80#	13,627'	960 sx	7,400' (CBL)

PERFORATIONS: 13,234'-242', 13,268'-274', 13,278'-288', 13,292'-296', 13,308'-322',
13,326'-334', 13,350'-358' (Morrow-1-11/16" @ 1 JSPF)
9,474'-9,526'(Bone Spring-4"@ 1 JSPF)

DOWNHOLE EQUIP DESCRIPTION AND DEPTHS: Model DB packer at +/-13,110' with
DR plug in it & sand on top of packer. Arrowset I packer currently in hole at 9,381' on 2-3/8" N80 4.7# EUE 8rd tbg.

WELLHEAD/TREE: 2-3/8" pumping Tee with NSCO 6" x 3M B4T hanger flange.

RECOMMENDED PROCEDURE

- 1) MIRU well service unit. Install BOPE & test.
- 2) MI, unload & strap (3,750') of 2-3/8" tubing work string. Release packer & POH with tbg & packer. Pu hydrostatic bailer & (2) jts of 2-7/8" tubing & TIH to top of packer at +/-13,100'. Work bailer in attempts to clean off junk from top of packer. POH & dump bailer. Based on recovery either make additional runs with bailer, lay bailer down or go back with magnet or bit. Prior to working on packer circulate hole with 3% KCL water. TIH with packer-picker & pick packer.

- 3) TIH with bit & scraper to PBTD (13,500'+/-) or top of sand fill. Reverse out & clean-out to a minimum of 13,400'. POH & LD bit & scraper.
- 4) TIH with Arrowset 10K pkr on 2-3/8" N80 tbg & set pkr at 13,200'+/-. ND BOPE & NU tree.
- 5) Swab well until cleaned up. Test well.
- 6) Stimulate well using BJ system (recommendation attached). Flow test & return well to production.