

Recompletion Procedure
Sterling Silver 34 Federal Well No. 1
October 19, 1990

OBJECTIVE:

Plug back well and recomplete in the Atoka Limestone Bank from 13,716' to 13,739'.

DIRECTIONS:

From Jal, New Mexico, go west on State Hwy. 128 toward Carlsbad for 38 miles (near mile marker 14). Turn Left (south) onto lease road and go 1.5 miles. Turn left and follow dirt road 1.4 miles to location.

WELL DATA:

Reference Elevation:	KB 3449.7', 26' AGL
Reference Log:	Schlumberger CNL-LDT 10/4/87
Casing:	13 3/8" @ 651' (Cement to Surface)
	9 5/8" @ 4320' (Cement to Surface)
	7" 2G + 29# TOC @ 6260' by temperature survey
	Burst 8600 psi. Collapse 5870 psi.
	4 1/2" 13.5# D-95 LT&C (Cement Circulated)
PBTD:	14,655'

CURRENT STATUS:

Well currently producing from Morrow zone (14,484' to 14,490') at an average rate of 69 MCFD (FTP - 600 psig - 8/64" ck). See well diagram for further details.

PROCEDURE:

1. MIRU PU. Kill well with 10# brine water. ND WH, NU BOP. Rel Guiberson Uni-VI pkr & POH w/BHA & 2 3/8" tbg, keeping hole loaded w/fluid to prevent gas kicks.
2. RU Schlumberger & TIH w/CIBP. Set CIBP @ 14,430'. TIH w/bailer and dump 50' of cmt on top of CIBP.
3. TIH w/Schlumberger tbg conveyed perforating BHA, Guiberson Uni VI 10K pkr, XL on/off tool w/1.781" "F" profile nipple (See attached schematic for full detail of BHA) & 2 3/8", 4.7#, P-105 Hydril tbg (test tbg to 10,000 psi above slips). (Circulating sub @ +13,750').
4. Displace hole w/+500 BBL 2% KCL wtr w/corrosion inhibitor & oxygen scavenger.