SHIPP "34" NO. 4

WORKOVER TO RECOMPLETE TO THE LOVINGTON (SAN ANDRES)

1. MIRUSU. Unload 5500' of 2-7/8", 6.5 ft, J-55, EUE 8 Rental/purchase tubing.

2. ND wellhead. NU BOP.

3. Rig up wireline truck.

   A. Run a gauge ring to 8270'.
   B. GIH with a CIBP and set at 8260'.
   C. Dump 35' of cement on top of CIBP.
   D. Load the hole with 2% KCl.
   E. Run GR/CCL log from 6000' to 4000'.
   F. Perforate the San Andres formation from 5159' - 5196', 37', 38 holes, with 4" hollow steel carrier guns, 1 spf. Perforations picked from Welex Spectral Density Log dated 8/16/87.
   G. Rig down wireline truck.

4. GIH with a treating packer, SN, and 2-7/8" tbg to 5100', hydrotesting to 5000 psig. Set packer at 5100'.

5. Acidize the San Andres perforations 5159'-96' with 4000 gal of 20% NE-FE HCl acid as follows:

   A. Pressure up backside to 1000 psig.
   B. Pump 4000 Gal of 20% NE-FE HCl acid dropping 1 ball sealer every 1-1/2 Bbl of acid until 56 balls have been dropped. If ballout occurs, surge balls, then continue.
   C. Flush with 25 Bbl of 2% KCl.
   D. SI well for 1 hour.

   Expected rate and pressure: 4 BPM at 2500 psig.
   Maximum rate or pressure: 4 BPM or 3600 psig.

   NOTE: Attempt breakdown at 3600 psig (estimated frac pressure) or less. If formation will not BD at 3600 psig or less, spot acid across perforations; and attempt BD again.

6. Flow and/or swab well for the rest of the day. Continue for 1 more day.

7. If swab results indicate further stimulation is needed, an acid frac will be considered.