WORKOVER_PROCEDURE

DATE___12/17/87____ WELL NO. & TYPE OF JOB: <u>Empire Abo Unit #F-364</u><u>ARCO WI: 34.1406x</u> JOB TITLE: <u>Plug Back to Upper ABO Interval</u> DRILLED & COMPLETED: ____6/79_____ LAST WO: ____12/84____ FIELD: <u>Bmpire Abo</u> COUNTY: <u>Bddy County, NM</u> PREPARED BY: <u>M.B. Smith</u> TD: <u>6350'</u> PBD: <u>6282'</u> DATUM: <u>RKB</u> DIST RKB TO GL: <u>11'</u> MAKE__NA____SIZE__7-1/16_ PRESSURE RATING_3000_PBi___ TUBINGHEAD: CASING INFORMATION: <u>SIZE</u> WBIGHT GRADE SET O SX CMT TOC SURFACE: <u>8-5/8"</u> <u>24</u> $\begin{array}{c} -\frac{K-55}{D}v & -\frac{744}{3981}, & -\frac{450}{1100} \end{array}$ <u>Surface</u> Surface <u>_K-55</u> 6350' __480 __Surface___ PRODUCTION: <u>5-1/2" 15.5</u> PRESENT PERFORATIONS 6224 - 6234 (2 JSPF) TUBING SIZE: 2-3/8" WT: 4.7# GRD: J-55 THD: <u>RUE 8R</u> NO JTS: 196 @ 6136'__ PACKER & MISC.: <u>Has a Lok-set packer set at 6136' with a fluid pak cavity</u> __on_top.__Last_production_test_produced 1_B0, 479 BW and 17 MCFG 5/29/87 __Well_shut_in_6/27/87_pending_evaluation.

PROCEDURE

- Test anchors. MIRU PU. Check well for pressure and bleed off. Kill well as necessary with produced water. ND wellhead and NU BOP.
- Release the packer and lower it to +6220'. POH with tubing and packer. Visually inspect tubing and hydrotest as necessary on next trip in hole.
- 3. RU WL unit and WL set a 5-1/2" CIBP at 6200'. Load the hole with produced water and pressure test the CIBP, 5-1/2" casing and BOP to 500 psi.
- 4. Perforate the Empire Abo with 2 JSPF from 6140' 6146'. Correlate to Schlumberger Density/Neutron log dated 6/20/79. Note fluctuation in fluid level after perforating. If well goes on a vacuum proceed with swab testing prior to performing the acid job.
- 5. TIH with treating packer and 2-3/8" SN on 2-3/8" tubing to 6146'. Spot 100 gal acid across perforations and pull packer up hole to $\pm 6050'$. Reverse 5 bbls water up tubing and set packer.