

## WORKOVER PROCEDURE

SHEARN FEDERAL

10/4/7

1. MIRU. Install BOP. POH w/tbg.
2. RIH w/CIBP on wireline and set @ 12100'. Spot 35' class H cmt. on top of plug w/ dump bailer.
3. RIH w/CIBP on wireline and set @ 10600. Spot 35' class H cmt. on top of plug w/ dump bailer.
4. RIH w/CIBP on wireline and set @ 9800'. Spot 35' class H cmt. on top of plug w/ dump bailer.
5. RIH w/tbg. and spot 50 sx class H inside and out of 7-5/8" liner. POH.
6. Use GOI Int. to perforate 6544-46 by McCullough GR-Collar Log dated 3-13-72. This equals 6544-46 by Schlumberger GR-Sonic Final Log. Perforate w/1 JSPF using 4" OD Densi-Jet XIX.
7. RIH w/tbg and RDG pkr. Spot 250 gal 15% NEHCL 6550-6470. Pull up and set pkr. at approx. 6400 and displace spotted acid into perfs. Acidize at 1 BPM. Swab to determine fluid entry. If economical to produce, proceed to step 12.
8. If zone is unproductive RIH w/CIBP on wireline and set at 6500. Prepare to perforate upper Delaware.
9. Perforate upper Delaware zone 4972-84 McCullough GR-Collar log. This equals 4974-86 by Schlumberger GR-Sonic Final Log. Perforate w/1 JSPF using 4" OD Densi-Jet XIX.
10. RIH w/tbg and RDG pkr. Test CIBP to 1500 psi. Spot 150 gal 15% NEHCL 4990-4940. Pull up and set pkr. at approx. 4900 and acidize with an additional 1100 gal 15% NEHCL dropping 1 RCNBS every 1 1/4 bbl. Acidize at 2-3 BPM. Swab to determine fluid entry.
11. If zone is unproductive, TA well to evaluate status.
12. If test shows productive rates, RIH w/tbg, rods, and pump. MI pumping unit. POP.