

## WORKOVER PROCEDURE

### INDIAN HILLS UNIT WELL NO. 1

1. MIFU pulling unit. N/U BOP's.
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3. R/U kill truck and establish pump-in rate (perfs 7410'-20').
4. Release packer and POOH w/ 2 3/8" tubing.
5. R/U wireline company and set cement retainer @  $\pm 7390'$ .
6. P.U 2 7/8" workstring and sting into retainer.
7. Squeeze Upper Penn perforations per service company recommendation.
8. Pull out of retainer, reverse circulate and POOH w/ 2 7/8" tubing.
9. Wait 24 hours.
10. P.U bit, drill collars and 2 7/8" tubing.
11. Drill out retainer and cement to 7520'.
12. Pressure test casing to 1000 psi.
13. Drill out retainer @ 7520' and cement to 7568'.
14. Pressure test casing to 1000 psi.
15. Drill out retainer @ 7568' and cement to 7665'.
16. Pressure test casing to 1000 psi.
17. Drill out retainer @ 7665' and cement to 7750'.
18. Pressure test casing to 1000 psi.
19. Circulate hole clean to  $\pm 9300'$ .
20. POOH w/ drill collars, bit and 2 7/8" workstring laying down.
21. RIH w/ Vann Gun System on 2 3/8" tubing.
22. Hydro-test tubing in the hole.
23. Run GR correlation log. Set packer. N/D BOP's, install wellhead.
24. Drop bar and fire perforating guns. Perf Morrow f/ 9200-14' w/ 4 JSPF.
25. Test well to test unit.