

## **WORKOVER PROCEDURAL MORTON SOLID STATE #1**

1. MIRU Well Servicing Unit. ND wllhd & NU BOP.
2. POH with 2 7/8" tubing.
3. RU wireline truck. Dump two sacks of sand on RBP. Run a casing inspection log from 8100' to 4400'. Perforate circulating holes 4 JSPF at 5700'. POH and rig down wireline truck.
4. GIH with 5 1/2" packer and set at 5600'. Pump through casing leak nad squeeze holes at 5700' and circulate out 5 1/2" x 7 7/8" OH annulus clearing annulus and establishing pump-in rate.
5. Set cement retainer at 5500'.
6. Cement through CR as per recommendation closing casing valve with 3 barrels of flush to CR remaining.
7. Sting out of CR as needed and clear tubing and casing with water.
8. POH with 2 7/8" tubing.
9. WOC for 48 hrs.
10. RU reverse tools. PU a 4 5/8" tri-cone rock bit and DO plug and cement to 5800'. Pressure test casing leak to 1000 psi. If the squeeze holds OK.
11. CO cement and debris to RBP at 10,270'.
12. GIH with retrieving head on 2 3/8" tubing. RU to swab. Swab fluid level below 5800' and SDON.
13. Check for fluid entry in the A.M. and swab fluid level as low as practical.
14. RIH and retrieve RBP. POH with RBP.
15. PU a treating packer and GIH and set packer at 11,190'.
16. Treat Wolfcamp perms from 10,366' to 10,380' as per recommendation.
17. Recover load the same day as stimulation, plan job accordingly.
18. Release packer and POH with tubing and packer.
19. Place well back on pump with the same set-up as before casing leak.

By: J. Michael Reeves 5/25/95.