

Mobil Federal No. 1
Carlsbad South Field
P&A Procedure

- 1) MIRU Pulling unit. Set rig pump and tanks. Fill tank with 300 BBL lease saltwater. Rig up kill line from pump to tubing. Rig up line from casing to tank.
- 2) Pump 36 BBL lease saltwater down tubing. Open casing valve and load casing (295 BBL if void). Check to see if fluid level is static.
- 3) ND tree an NU BOP's. Test to 300 and 3000 psi. Latch on to 2 3/8" tubing. Check weight.
- 4) Attempt to pull tubing seal assembly out of permanent model "DB" packer at 11788' and POOH with tubing and BHA. If unable to POOH, cut tubing with wireline chemical cutter.
- 5) RU wireline unit. Run a gauge ring & junk basket to 11700' and POOH with same. RBIH with EZSV and set same at 11700'+. Notify BLM Inspector of 11858' Morrow sand plugging schedule.
- 6) RBIH with stinger for EZSV, and 2 3/8" tubing to 11700'+. RU cementers. Sting into EZSV and pump 100' Class "H" cement below EZSV. Sting out of EZSV and spot 20' of cement on top of EZSV. RD cementers
- 7) Circulate hole with 9.5 ppg mud (no exceptions allowed for weighted up or gelled saltwater instead of mud).
- 8) RU cementers. Spot balanced plug from 8820' to 8720' inside 5 1/2" casing.
- 9) POOH with 2 3/8" tubing to 6100' (Wolfcamp) and pump 100' balanced plug 50' above and below this depth.
- 10) POOH with 2 3/8" tubing to 5400' and spot balanced plug from 5400' to 5300' at 9 5/8" intermediate casing.
- 11) POOH with 2 3/8" tubing to 2370' (Salt) and pump 100' balanced plug 50' above and below this depth.
- 12) POOH with 2 3/8" tubing to 650'. Spot 100' balanced plug from 650 to 550 at 13 3/8" surface casing shoe.
- 13) POOH with tubing. Spot 10 sack top plug. Cut off Casing 4' below ground level and weld plate on casing. Install Dry Hole Marker. Remove all surface equipment and above ground pipe. Level and grade location. Remove all HOC signs.