

RESERVOIR SIMULATION STUDY  
EAST SHUGART (Delaware) FIELD  
Eddy & Lea Counties, New Mexico

CONCLUSIONS

- ★ It is feasible to waterflood the Delaware zone of East Shugart Field.
- ★ Primary reserves for the existing perforations are calculated to be 1015.9 MSTB.
- ★ Primary reserves for the behind pipe zones within the Delaware formation are calculated to be 361.2 MSTB.
- ★ Secondary reserves using existing perforations are calculated to be 1305.3 MSTB.
- ★ Secondary reserves for the behind pipe zones are calculated to be 1282.5 MSTB.
- ★ Total reserves including primary (Existing perfs + behind pipe) and secondary (existing perfs + behind pipe) are 3964.9 MSTB.

**Note: These reserves are estimated as of 8/1/98 and are calculated for production through year 2022**