

**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