

CASE NO. 11403
Order No. R-10525
Page -3-

(11) According to applicant's testimony, its Neff Federal Well Nos. 1 and 2, located respectively in Units C and E of Section 25, and its Federal "26" Well No. 1, located in Unit A of Section 26, will likely be the only producing wells to benefit from the proposed pilot injection project.

(12) The proposed pilot pressure maintenance project should result in the recovery of otherwise unrecoverable oil from this portion of the field, thereby preventing waste.

(13) The evidence presented indicates that the Neff Federal Well No. 3 is cased and cemented adequately so as to preclude the migration of fluid from the proposed injection zone.

(14) Within the "area of review" of the Neff Federal Well No. 3 there are seven producing wells and one plugged and abandoned well. Division records and evidence presented in this case indicate that each of these producing wells is cased and cemented so as to preclude the migration of fluid from the proposed injection zone. In addition, the evidence indicates that the plugged and abandoned Texas Crude Oil Company Wright "23" Federal Well No. 1 does not penetrate the proposed injection interval and should therefore not serve as a conduit for the migration of injected fluid from the proposed injection zone.

(15) Applicant proposed that injection into the Neff Federal Well No. 3 be accomplished at a surface injection pressure of 1,410 psi.

(16) Injection at an initial surface injection pressure of 1,410 psi. should not result in the fracture of the proposed injection interval or confining strata.

(17) The evidence and testimony presented in this case indicate that injection into the Neff Federal Well No. 3 should not pose a danger to potash reserves in this area.

(18) It remains unknown, given the location of the subject potash lease with respect to IMC's current mine workings, whether or not potash reserves will ultimately be mined in this area.

(19) The subject pilot pressure maintenance project should be approved.

(20) The project area should initially be limited to the N/2 NW/4 and the SW/4 NW/4 of Section 25.