

Federal EF #2 (Com) NM-15664
1980 FSL & 660 FWL, Sec. 31-T17S-R25E
Eddy County, New Mexico

Canyon perfs 6907-15' h=10' ϕ =3.3% Sw=30.5% $q_a = 4$ mcfpd
perfs 6932-38' h=6' ϕ =2.5% Sw=28.2% $q_a = 1$ mcfpd

Total apparent deliverability = 5 mcfpd

Strawn perfs 7542-47' h=5' ϕ =4.4% Sw=30.5% $q_a = 5$ mcfpd
perfs 7702-07' h=6' ϕ =5.7% Sw=28.0% $q_a = 2$ mcfpd

Total apparent deliverability = 7 mcfpd

We recovered only 60% of treating fluid from each zone, therefore the apparent deliverabilities are obviously low, (really estimates). At this time the well is a candidate for P&A. However, we propose to allow the well additional time to recover more of the fluids lost to the formation and to observe whether the deliverabilities will increase.

Dual completion and commingling is provided for under special field rules, NMOCDC Order R-5460. The District Supervisor is authorized to approve the downhole commingling of marginal zones in the absence of valid objection, and since Yates Petroleum is the only Operator, we have no objection to the commingling. We suggest allocating as follows:

Eagle Creek Permo-Penn - 44%
Eagle Creek Strawn - 56%