

5. **Case 15365: Application of Lightning Dock Geothermal Hi-01, LLC to Place Well No. 63a-7 on Injection,-Geothermal Resources Area, Hidalgo County, New Mexico.** Lightning Dock Geothermal Hi-01, LLC, seeks approval to drill a new injection well (LDG No. 63A-7) at the Lightning Dock Geothermal Project located in the NE/4 of Section 7, Township 25 South, Range 19 West, NMPM, Hidalgo County, New Mexico. The project area is located within the Animas River Valley approximately 10 miles south of I-10 on CR 338. Applicant proposes to inject spent geothermal fluids at an interval of 150' to 1,500' into a formation of quaternary alluvium/tertiary volcanic rock. AmeriCulture, Inc. has filed a protest to the well application. The issues to be addressed concern whether the proposed injection will contaminate any underground source of drinking water or otherwise cause waters of the State of New Mexico to exceed applicable water quality standards, and whether such injection will cause waste of geothermal resources or impair correlative rights of geothermal users, as defined in 19.14.1.7.C NMAC.

6. **Case 15281: De Novo**
Application of COG Operating LLC for a non-standard spacing and proration unit and compulsory pooling, Eddy County, New Mexico. Applicant in the above-styled cause seeks an order (1) creating a non-standard, 160-acre, more or less, spacing and proration unit comprised of the N/2 S/2 of Section 15, Township 18 South, Range 26 East, NMPM, Eddy County and (2) pooling all mineral interests in the Yeso formation underlying this acreage. Said non-standard unit is to be dedicated to applicant's proposed **Pilum 15 Fee No. 1H Well**, which will be horizontally drilled from a surface location in the NE/4 SE/4 (Unit I) of Section 16 to a standard bottom hole location in the NE/4 SE/4 (Unit I) of Section 15. The completed interval for this well will remain within the 330-foot standard offset required by the rules. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of COG Operating LLC as operator of the well and a 200% charge for risk involved in drilling said well. Said area is located approximately 1 mile northeast of Dayton, NM. Upon application of COG Operating LLC, this case will be heard De Novo pursuant to the provisions of Division Rule 19.15.4.23 NMAC.

7. **Case 15282: De Novo**
Application of COG Operating LLC for a non-standard spacing and proration unit and compulsory pooling, Eddy County, New Mexico. Applicant in the above-styled cause seeks an order (1) creating a non-standard, 160-acre, more or less, spacing and proration unit comprised of the S/2 S/2 of Section 27, Township 17 South, Range 28 East, NMPM, Eddy County and (2) pooling all mineral interests in the Yeso formation underlying this acreage. Said non-standard unit is to be dedicated to applicant's proposed **Halberd 27 State Com No. 1H Well**, which will be horizontally drilled from a surface location in the SW/4 SW/4 (Unit M) of Section 26 to a standard bottom hole location in the SW/4 SW/4 (Unit M) of Section 27. The completed interval for this well will remain within the 330-foot standard offset required by the rules. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of COG Operating LLC as operator of the well and a 200% charge for risk involved in drilling said well. Said area is located