

**CASE 13608:** *Continued from December 15, 2005, Examiner Hearing*  
*Application of Mack Energy Corporation for contraction of the East Empire-Yeso Pool and extension of the horizontal boundaries and the vertical limits of a portion of the Grayburg-Jackson (Seven Rivers-Queen-Grayburg-San Andres) Pool, Eddy County, New Mexico.* Applicant seeks an order contracting the East Empire-Yeso Pool to exclude the following acreage:

Township 17 South, Range 29 East, NMPM  
Section 22: N/2 SW/4, SW/4 SW/4  
Section 27: W/2 SW/4  
Section 28: N/2

Applicant also seeks an order simultaneously extending the horizontal boundaries and the vertical limits of the Grayburg Jackson (Seven River-Queen-Grayburg-San Andres) Pool within the Grayburg-Jackson West Cooperative Unit which is comprised of approximately 2,400 acres of State of New Mexico and fee lands in the following acreage:

Township 17 South, Range 29 East, NMPM  
Section 15: W1/2 SW1/4  
Section 21: All  
Section 22: W1/2W1/2, E1/2NW1/4,  
NE1/4SW1/4, NW1/4NE1/4  
Section 27: W1/2SW1/4  
Section 28: All

The subject lands are located in the immediate vicinity of Loco Hills, New Mexico.

**CASE 13609:** *Continued from December 15, 2005, Examiner Hearing*  
*Application of Mack Energy Corporation for an Amendment to Order No. R-3127-A Extending the Vertical Limits of the Grayburg-Jackson West Cooperative Unit and for the Expansion of Injection Operations, Eddy County, New Mexico.* Applicant seeks an order amending the previous orders of the Division approving the Grayburg-Jackson West Cooperative Unit Agreement to extend the vertical limits of the unitized formation to include all formations from the top of the Seven Rivers formation to the base of the Glorieta-Yeso (Paddock) formation. Applicant also seeks authorization to expand waterflood injection operations to include all intervals within the extended vertical limits of the unitized formation in the Grayburg-Jackson West Cooperative Unit comprised of approximately 2,400 acres of State of New Mexico and fee lands in the following acreage:

Township 17 South, Range 29 East, NMPM  
Section 15: W1/2SW1/4  
Section 16: All  
Section 21: All  
Section 22: W1/2W1/2, E1/2NW1/4,  
NE1/4SW1/4, NW1/4NE1/4  
Section 27: W1/2SW1/4  
Section 28: All

The subject lands are located in the immediate vicinity of Loco Hills, New Mexico.

**CASE 13629:** *Application of Yates Petroleum Corporation for pool creation and the adoption of special pool rules, Lea County, New Mexico.* Applicant seeks creation of a new pool comprised of the SE/4 of Section 26, Township 10 South, Range 34 East, as a result of the discovery of hydrocarbons in the Permo Pennsylvanian formation in its Judson "AUU" State Well No. 2 located 660 feet from the South line and 1980 feet from the East line of said Section 26. Applicant also seeks the adoption of Special Pool Rules and Regulations for the pool including provisions for 160-acre gas spacing and proration units and special well location requirements. This pool is located approximately 10 miles northwest of Tatum, New Mexico.