



**Eunice Monument South Unit and Eunice Monument South Unit Expansion Area B:  
Review of Hearing and Administrative Orders for Packer Setting Depth Requirements**

| Order No. | Order Date | Case                | Summary                                                                                                                                                 | Packer Setting Depth Requirements                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------|------------|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| R-7765    | 12/27/1984 | 8397                | <b>Eunice Monument South Unit (EMSU):</b> Approval of Statutory Unit with Project Area and Unit Agreement [also referred to as Unit Area A in R-7765-B] | Not applicable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| R-7765-A  | 12/28/1984 | 8397                | <b>EMSU:</b> Nunc Pro Tunc [corrected legal description of EMSU]                                                                                        | Not applicable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| R-7765-B  | 10/19/1990 | 10059               | <b>EMSU Expansion Area B:</b> Approval of Statutory Unit with Project Area and Unit Agreement for Adjacent WF Unit                                      | Not Applicable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| R-7766    | 12/27/1984 | 8398                | <b>EMSU:</b> Approval of Injection Wells and Operating Parameters                                                                                       | <b>Ordering Paragraph (4)</b> <i>Injection into each of said wells shall be through plastic or cement-lined be tubing, set in a packer which shall be located as near as practicable to the uppermost perforations, or, in the case of open-hole completions, as near as practicable to the casing-shoe; that the casing-tubing annulus shall be loaded with an inert fluid and equipped with an approved pressure gauge or attention attracting leak detection device.</i>                       |
| R-7766-A  | 10/19/1990 | 10060               | <b>EMSU Expansion Area B:</b> Approval of Injection Wells and Operating Parameters                                                                      | <b>Ordering Paragraph (5)</b> <i>Injection into the proposed injection wells shall be accomplished through 2 3/8-inch internally plastic-lined tubing installed in a packer set approximately within 100 feet of the uppermost injection perforation or casing shoe; the casing-tubing annulus in each well shall be filled with an inert fluid and a gauge or approved leak detection device shall be attached to the annulus in order to determine leakage in the casing, tubing or packer.</i> |
| R-7766-B  | 3/29/2000  | 12320               | <b>EMSU:</b> Approval of New Injection Wells in Secs. 4, 5, and 6, T21S, R36E, NMPM [EMSU No. 210, No. 212, No. 222, No. 252, and No. 258]              | <b>Ordering Paragraph (5)</b> <i>Injection into each of the five injection wells shall be accomplished through 2 3/8-inch plastic lined tubing set in a packer located within 100 feet of the uppermost injection perforations or casing shoe.</i>                                                                                                                                                                                                                                                |
| R-7766-C  | 6/17/2002  | 12320<br>(Reopened) | <b>EMSU:</b> Dismissed Case No. 12320, Rescinded Division Order R-7766-B [ <i>de novo</i> case lapsed with rescinded hearing order]                     | Not applicable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| R-7767    | 12/27/1984 | 8399                | Adjustments of Eumont Gas Pool (contracted to base of Queen) and Eunice-Monument Oil Pool (expansion to top of Grayburg) in EMSU.                       | Not applicable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |



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| Order No. | Order Date | Case           | Summary                                                                                                                                                                 | Packer Setting Depth Requirements                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------|------------|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| R-7767-A  | 10/19/1990 | 10061          | Adjustments of Eumont Gas Pool (contracted to base of Queen) and Eunice Monument Grayburg-San Andres Pool (expansion to top of Grayburg) in EMSU Expansion Area B.      | Not applicable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| WFX-730   | 12/12/1997 | Not applicable | <b>EMSU:</b> Approved Injection for Eunice Monument South Unit Well No. 679 (30-025-31009)                                                                              | Order stipulates a packer setting depth of 3678 feet; approved injection interval of 3778 feet to 4097 feet.<br>Order also states:<br><i>The applicant, Chevron USA Production Company, be and the same is hereby authorized to inject water into the Grayburg formation at approximately 3748 feet to approximately 4060 feet through 2 3/8-inch plastic lined tubing set in a packer located within 100 feet of the uppermost injection perforations in the following described well for purposes of secondary recovery to wit:</i>                                                                                                                                                                                                                                                                                  |
| WFX-745   | 11/12/1998 | Not applicable | <b>EMSU Expansion Area B:</b> Approved Injection for Eunice Monument South Unit B Well No. 853 (30-025-04198)                                                           | Order stipulates a packer setting depth of 3710 feet; approved injection interval of 3748 feet to 4060 feet.<br>Order also states:<br><i>The applicant, Chevron USA Production Company, be and the same is hereby authorized to inject water into the Grayburg formation at approximately 3748 feet to approximately 4060 feet through 2 3/8-inch plastic lined tubing set in a packer located within 100 feet of the uppermost injection perforations in the following described well for purposes of secondary recovery to wit:</i>                                                                                                                                                                                                                                                                                  |
| WFX-754   | 7/8/1999   | Not applicable | <b>EMSU Expansion Area B:</b> Approved Injection for Eunice Monument South Unit B Well No. 851 (30-025-04221)                                                           | No setting depth specified.<br>Order states:<br><i>The applicant, Chevron USA Production Company, be and the same is hereby authorized to inject water into the Grayburg formation at approximately 3,732 feet to approximately 3,874 feet through 2 3/8-inch plastic lined tubing set in a packer located within 100 feet of the uppermost injection perforations in the following described well for purposes of secondary recovery to wit:</i>                                                                                                                                                                                                                                                                                                                                                                      |
| WFX-786   | 2/3/2003   | Not applicable | <b>EMSU:</b> Approved Injection for Eunice Monument South Unit Wells No. 196 (30-025-04514); No. 222 (30-025-04531); No. 252 (30-025-04528); and No. 575 (30-025-34824) | Order stipulates a packer depth for each well:<br>EMSU No. 196: packer depth of 3,650 feet for approved injection interval from 3,685 feet to 3,950 feet<br>EMSU No. 222: packer depth of 3,700 feet for approved injection interval from 3,754 feet to 4,010 feet<br>EMSU No. 252: packer depth of 3,708 feet for approved injection interval from 3,758 feet to 3,977 feet<br>EMSU No. 575: packer depth of 3,650 feet for approved injection interval from 3,744 feet to 3,874 feet<br><br>Order also states:<br><i>The applicant, ChevronTexaco is hereby authorized to inject water into the Grayburg unitized interval through plastic lined tubing set in a packer located within 100 feet of the uppermost injection intervals in the following described wells for purposes of secondary recovery to wit:</i> |



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