Entered March 13, 1984

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION FOR THE PURPOSE OF CONSIDERING:

CASE NO. 8084 Order No. R-5693-B

APPLICATION OF BASS ENTERPRISES PRODUCTION COMPANY FOR THE AMENDMENT OF DIVISION ORDER NO. R-5693, AS AMENDED, EDDY COUNTY, NEW MEXICO.

## ORDER OF THE DIVISION

## BY THE DIVISION:

This cause came on for hearing at 8 a.m. on February 29, 1984, at Santa Fe, New Mexico, before Examiner Michael E. Stogner.

NOW, on this 13th day of March, 1984, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

## FINDS:

- (1) That due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.
- (2) That the applicant, Bass Enterprises Production Company, is the operator of the Big Eddy Unit Well No. 56, located 1980 feet from the North line and 2310 feet from the East line of Section 35, Township 21 South, Range 28 East, Indian Flats-Delaware Pool, Eddy County, New Mexico.
- (3) That pursuant to the provisions of Division Order No. R-5693, entered April 11, 1978, as amended by Order No. R-5693-A, entered June 30, 1980, the applicant has utilized the aforesaid well for salt water disposal purposes, and, in accordance with said orders, has conducted noise logs and temperature surveys annually on its Big Eddy Unit Well No. 41, located 1980 feet from the South and East lines of said Section 35.
- (4) That the applicant seeks the amendment of Division Order No. R-5693, as amended by Division Order No. R-5693-A,

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to delete the requirement for the annual noise log and temperature survey required on the aforesaid Big Eddy Unit Well No. 41.

- (5) That such tests on said well, while of some probable benefit in the early part of disposal into Big Eddy Unit Well No. 56, have served their purpose, and appear unable to provide any substantive evidence of any possible migration of disposal waters from Well No. 56 to Well No. 41.
- (6) That the deletion of the above-described annual test requirements from the subject salt water disposal authority will not impose a hazard to fresh water supplies nor otherwise cause waste and will not impair correlative rights, and should be approved, provided however, that quarterly bradenhead tests should be conducted on Big Eddy Unit Well No. 41 in accordance with Order No. R-5693.

## IT IS THEREFORE ORDERED:

- (1) That Finding No. (8) of Division Order No. R-5693-A is hereby amended to read in its entirety as follows:
  - "(8) That the applicant should continue to conduct the periodic well tests set out in said Order No. R-5693."
- (2) That Finding No. (10) of Division Order No. R-5693-A is hereby deleted.
- (3) That Order No. (2) of Division Order No. R-5693-A is hereby amended to read in its entirety as follows:
  - "(2) That the operator of said Big Eddy Unit Well No. 41 shall continue to conduct the periodic well tests set out in said Order No. R-5693."
- (4) That Order No. (4) of Division Order No. R-5693-A is hereby deleted.
- (5) That Orders Nos. (5) and (6) of Order No. R-5693-A are hereby renumbered as Orders Nos. (4) and (5), respectively.
- (6) That jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

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DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

> STATE OF NEW MEXICO OIL CONSERVATION DIVISION

JOE D. RAMEY Director

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