



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

Betty Rivera

Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

## *AMENDED ADMINISTRATIVE ORDER SWD-828-A*

### ***APPLICATION OF BASS ENTERPRISES PRODUCTION COMPANY FOR SALT WATER DISPOSAL, EDDY COUNTY, NEW MEXICO.***

#### **ADMINISTRATIVE ORDER OF THE OIL CONSERVATION DIVISION**

Under the provisions of Rule 701(B), Bass Enterprises Production Company made application to the New Mexico Oil Conservation Division on January 22, 2002, for permission to complete for produced water disposal its Poker Lake Unit Well No. 170 (API No. 30-015-31744) located 2180 feet from the South line and 1980 feet from the West line (Unit K) of Section 33, Township 23 South, Range 30 East, NMPM, Eddy County, New Mexico. **On October 24<sup>th</sup>, 2002, Bass Enterprises requested the existing permit SWD-828 be amended by adding perforations up hole to 4,227 feet.**

#### **THE DIVISION DIRECTOR FINDS THAT:**

- (1) The application has been duly filed under the provisions of Rule 701(B) of the Division Rules and Regulations;
- (2) **Satisfactory information has been provided that all offset operators and surface owners have been duly notified;**
- (3) The applicant has presented satisfactory evidence that all requirements prescribed in Rule 701 will be met; and
- (4) No objections have been received within the waiting period prescribed by said rule.

IT IS THEREFORE ORDERED THAT:

Bass Enterprises Production Company is hereby authorized to complete its Poker Lake Unit Well No. 170 (API No. 30-015-31744) located 2180 feet from the South line and 1980 feet from the West line (Unit K) of Section 33, Township 23 South, Range 30 East, NMPM, Eddy County, New Mexico, in such a manner as to permit the injection of produced water for disposal purposes into the Delaware formation from approximately **4,227** feet to 6,760 feet through 2 7/8 inch plastic-lined tubing set in a packer located at approximately **4,150** feet.

IT IS FURTHER ORDERED THAT:

The operator shall take all steps necessary to ensure that the injected water enters only the proposed injection interval and is not permitted to escape to other formations or onto the surface.

Prior to commencing injection operations into the well, the casing shall be pressure tested from the surface to the packer setting depth to assure the integrity of said casing.

The casing-tubing annulus shall be loaded with an inert fluid and equipped with a pressure gauge at the surface or left open to the atmosphere to facilitate detection of leakage in the casing, tubing, or packer.

The injection well or system shall be equipped with a pressure limiting device which will limit the wellhead pressure on the injection well to no more than **846 psi**.

The Director of the Division may authorize an increase in injection pressure upon a proper showing by the operator of said well that such higher pressure will not result in migration of the injected fluid from the Delaware formation. Such proper showing shall consist of a valid step-rate test run in accordance with and acceptable to this office.

The operator shall notify the supervisor of the Artesia District Office of the Division of the date and time of the installation of disposal equipment and of any mechanical integrity test so that the same may be inspected and witnessed.

The operator shall immediately notify the supervisor of the Artesia District Office of the Division of the failure of the tubing, casing, or packer in said well and shall take such steps as may be timely and necessary to correct such failure or leakage.

*Amended Administrative Order SWD-828-A*

*Bass Enterprises Production Company*

*October 28, 2002*

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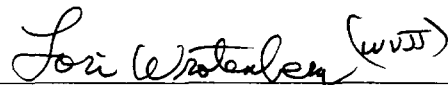
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PROVIDED FURTHER THAT, jurisdiction is retained by the Division for the entry of such further orders as may be necessary for the prevention of waste and/or protection of correlative rights or upon failure of the operator to conduct operations (1) to protect fresh water or (2) consistent with the requirements in this order, whereupon the Division may, after notice and hearing, terminate the injection authority granted herein.

The operator shall submit monthly reports of the disposal operations on Division Form C-115, in accordance with Rule Nos. 706 and 1120 of the Division Rules and Regulations.

The injection authority granted herein shall terminate one year after the effective date of this order if the operator has not commenced injection operations into the subject well, provided however, the Division, upon written request by the operator, may grant an extension thereof for good cause shown.

Original permit approved at Santa Fe, New Mexico, on the 11th day of February 2002.  
**Amended at Santa Fe, New Mexico, on this 28<sup>th</sup> day of October 2002.**



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LORI WROTENBERG, Director

LW/wvjj

cc: Oil Conservation Division - Artesia  
Bureau of Land Management-Carlsbad

229848336

Amend SWD

11/9/02

BASS ENTERPRISES PRODUCTION CO.

6 DESTA DRIVE, SUITE 3700  
P.O. BOX 2760  
MIDLAND, TEXAS 79702

FAX (915) 687-0329

October 18, 2002

(915) 683-2277

OCT 24

Re: Poker Lake Unit #170  
Nash Draw (Delaware)  
Eddy County, New Mexico  
File: 400-WF: 02AR#170.OCD

30-015-31744

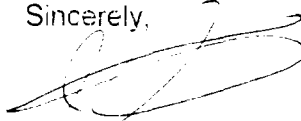
David Catanach  
Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505

Dear Mr. Catanach:

Regarding Administrative Order SWD-828, approved February 11, 2002, Bass Enterprises Production Co. respectfully requests that the injection permit for the above subject well be amended to include the intervals 4227-4237' and 4410-4420'.

If you should have any questions, please contact Tami Wilber at the above letterhead address.

Sincerely,



John Smitherman  
Division Production Manager

JRS:tlw

File