



WALSH

ENGINEERING & PRODUCTION CORP.

Petroleum Engineering Consulting
Lease Management
Contract Pumping

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August 12, 1987

Mr. William J. LeMay
Division Director
Energy & Minerals Department
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

REF: Basin Disposal, Inc.
Application for Salt Water
Disposal Well

Dear Mr. LeMay:

Enclosed you will find on behalf of Basin Disposal, Inc., two copies of the above-referred-to application.

Also enclosed is copy of letter, accompanied by copy of application, sent to Meridian Oil, Inc., as leasehold Operator of the Mesa Verde Formation.

Please note that some required data and information is not included due to the proposed well not being drilled and completed.

This information will be presented to the Commission as soon as it is available after drilling the well.

Thank you for your cooperation and consideration. If you have any questions or desire more information, please do not hesitate to call upon me.

Very truly yours,

Ewell N. Walsh, P.E.
President

ENW:rr

cc: Frank Chavez, OCD, Aztec, N.M. w/encl.
Basin Disposal, Inc. w/encl.

Enclosures

RECEIVED
AUG 13 1987
OIL CON. DIV.
DIST. 3



BASIN DISPOSAL, INC.
ATTACHMENT NO. 4
TO FORM C-108
APPLICATION FOR AUTHORIZATION TO INJECT
DATED: August 12, 1987

- VII. 1. Average and maximum daily rate and volume of fluids to be injected will be determined after completion of injection well. Rates will be determined by Injectivity Test. Estimated, at this time, average daily injection rate to be approximately 2000 barrels per day.
2. System will be an open system.
3. Average and maximum injection pressure to be determined after injectivity test.
4. Source of injection fluids will be from various wells. Injection fluid should be compatible with receiving formation due to produced salt water being injected. Analysis of water in current disposal pit is attached. Disposal pit will be utilized as storage for injection well.
5. There is not a Mesa Verde (Cliff House, Menefee or Point Lookout) well within one mile of proposed injection well. Water analysis are not available in the immediate vicinity of the proposed injection well. Water analysis were presented in Case No. 7949, Order No. R-7370, Southland Royalty Company (now Meridian Oil, Inc.) an application for injecting produced water into the Point Lookout Formation in the McGrath No. 4, Unit B, Section 34-T30N-R12W concerning waters produced from the Point Lookout formation and Mesa Verde wells.

The exhibits stated that a water sample analysis of a Point Lookout/Menefee Test in the NW/4, Section 15-T30N-R12W yielded 33,200 ppm TDS. Also a water analysis of the Cooper, No. 3-E (MV) located in the SE/4, Section 6-T29N-R11W yielded 36,427 ppm TDS.