



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION  
2040 S. PACHECO  
SANTA FE, NEW MEXICO 87505  
(505) 827-7131

CF 11078  
R-10215

March 10, 1995

John R. Smitherman  
Bass Enterprises Production Company  
P.O. Box 2760  
Midland, Texas 79702

Attn: Mr. John R. Smitherman

**RE:   *Injection Pressure Increase Golden "8" Federal Well No.3, Eddy  
County, New Mexico***

Dear Mr. Smitherman:

Reference is made to your request dated February 27, 1995 to increase the surface injection pressure on the above referenced well. This request is based on a step rate test conducted on January 5, 1995. The results of the test have been reviewed by my staff and we feel an increase in injection pressure on this well is justified at this time.

You are therefore authorized to increase the surface injection pressure on the following well:

Well and Location	Maximum Injection Surface Pressure
Golden "8" Federal Well No.3 Unit L Section 8, Township 21 South, Range 29 East	960 PSIG
This well located in Eddy County, New Mexico.	

The Division Director may rescind this injection pressure increase if it becomes apparent that the injected water is not being confined to the injection zone or is endangering any fresh water aquifers.

*Injection Pressure Increase*  
*Bass Enterprises Production Company*  
*March 10, 1995*  
*Page 2*

---

Sincerely,

A handwritten signature in dark ink, appearing to read 'William J. LeMay', with a long, sweeping horizontal stroke extending to the right.

William J. LeMay  
Director

WJL/BES

cc: Oil Conservation Division - Artesia  
Files: Case No.11078 PSI-X 1st QTR 95

3rd



N/R

OIL CONSERVATION DIV. ~~BASS~~ ENTERPRISES PRODUCTION CO.

RECEIVED

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

'95 MAR 6 AM 8 52

FAX (915) 687-0329

(915) 683-2277

February 27, 1995

RE: Step Rate Test Data  
Golden "8" Federal No. 3 (WIW)  
South Golden Lane (Delaware)  
1980' FSL & 990' FWL, Unit Letter C,  
Section 8, T-21-S, R-29-E  
Eddy County, New Mexico  
File: 400-WF:Steprate

New Mexico Oil Conservation Division  
811 S. 1st Street  
Artesia, New Mexico 88210

Attn: Mr. Tim Gumm

Dear Mr. Gumm,

It has recently come to my attention that we are in violation of NMOCD Order R-10215 in that our injection pressure on the subject well is in excess of the legal maximum (legal maximum - 850 psi; actual 1000 psi). The injection pressure is higher than expected due to higher reservoir pressures than anticipated.

On January 5, 1995, we performed a step rate test on the well to determine the surface fracture pressure. A maximum surface pressure of 1010 psi @ 910 BWPD was reached before fracing the well. (See Attachment).

We believe that the information shows that injection at 1020 psi surface pressure will not cause fracturing beyond the confines of the Delaware sand completion interval. Therefore, we respectfully request that you authorize a new pressure limitation of 1010 psi for Golden "8" Federal No. 3 (WIW).

Sincerely,



John R. Smitherman  
Division Production Manager

960 PSIG

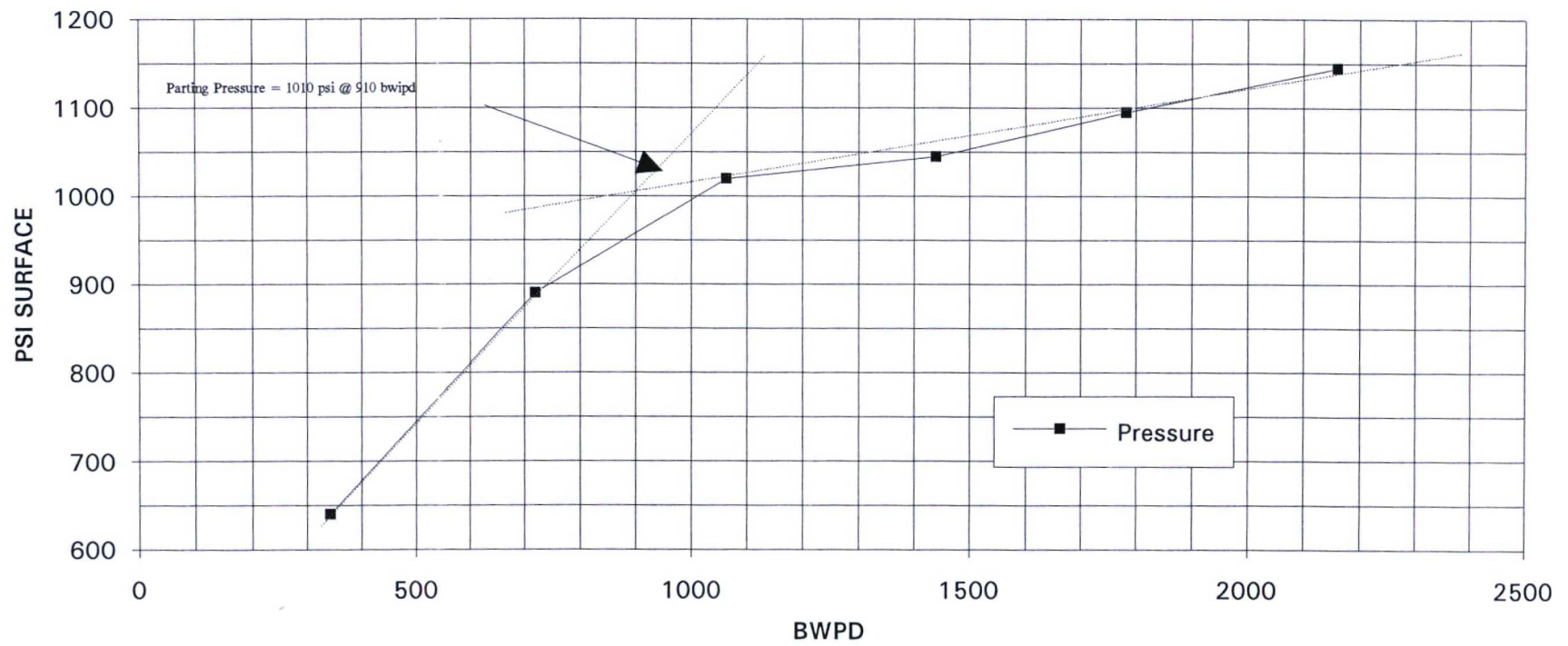
  
GTL/whf

RECEIVED

MAR - 1 1995

OIL CON. DIV.  
DIST. 2

### Golden "8" Fed. #3



Step Rate Test performed using 30-minute steps.