

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

Energy Minerals and Natural Resources

RECEIVED

OIL CONSERVATION DIVISION

JAN 12 2004

1220 South St. Francis Dr.

Santa Fe, NM 87505

OIL CONSERVATION DIVISION

WELL API NO.

30-015-04734

5. Indicate Type of Lease

STATE ☐ FEE ☐

6. State Oil & Gas Lease No.

14837

7. Lease Name or Unit Agreement Name
Legg Federal

8. Well Number

1

9. OGRID Number

001801

10. Pool name or Wildcat
Quahada Ridge Delaware

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

Oil Well ☐ Gas Well ☒ Other Injection Well

2. Name of Operator

Bass Enterprises Production Co.

3. Address of Operator

P. O. Box 2760
Midland, TX 79702

4. Well Location

Unit Letter B : 660 feet from the FNL line and 2004 feet from the FEL line

Section 27

Township 22S

Range 30E

NMPM

County Eddy

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3309' KB; 3286' GL

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: Increase Injection Pressure ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Bass Enterprises Production Co. respectfully requests to increase injection pressure from 765 psi to 945 psi on the referenced well based on the attached step rate tests.

Please see attached BLM Sundry & Step Rate Tests.

faxed to Jim Gumm Artesia District Office 1/8/04 1:38 p.m

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Tami Wilber TITLE Production Clerk DATE 01/08/2004

Type or print name Tami Wilber

E-mail address:

Telephone No.

(This space for State use)

APPROVED BY _____ TITLE _____ DATE _____

Conditions of approval, if any:



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

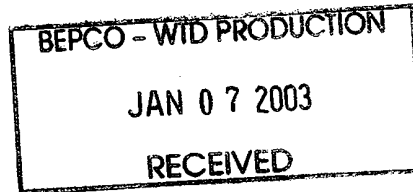
BILL RICHARDSON

Governor

Joanna Prukop
Cabinet Secretary

5 January 2004

Bass Enterprises Prod. Co.
P.O. Box 2760
Midland, Texas 79702



Lori Wrotenbery
Director
Oil Conservation Division

RECEIVED
JAN 16 2004
OCD-ARTESIA

RE: Legg Federal # 1 B-27-22-30 30-015-04734
Request for pressure increase.

Dear Sir or Madam:

To obtain a pressure limit increase, please send the proper forms and documentation to the O.C.D. office in Santa Fe. (see rule excerpt below) Unless such a pressure increase is granted by the O.C.D. the maximum surface pressure must remain at or below 765 psi. If well pressure is greater than 765 psi the well must be shut in immediately. If you have questions or need assistance please feel free to call.

Step-Rate Tests, Notice to the Division, Requests for Injection Pressure Limit Increases

- (1) Whenever an operator shall conduct a step-rate test for the purpose of increasing an authorized injection or disposal well pressure limit, notice of the date and time of such test shall be given in advance to the appropriate Division district office.
- (2) Copies of all injection or disposal well pressure-limit increase applications and supporting documentation shall be submitted to the Division Director and to the appropriate district office.

Van Barton
Field Rep. II

cc: Alexis Swoboda – BLM Roswell
Gerry Guye - OCD Artesia

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

5. Lease Serial No.
NMNM02952A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

RECEIVED

JAN 18 2004

OOD-ARTESIA

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other: INJECTION

2. Name of Operator

BASS ENTERPRISES PRODUCTION CO

Contact:

TAMI WILBER

E-Mail: twilber@basspet.com

8. Well Name and No.
LEGG FEDERAL 1

9. API Well No.

30-015-04734-00-S1

3a. Address

P O BOX 2760
MIDLAND, TX 79702

3b. Phone No. (include area code)

Ph: 432.683.2277
Fx: 432.687.0329

10. Field and Pool, or Exploratory
QUAHADA RIDGE DELAWARE

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 27 T22S R30E NWNE 660FNL 2004FEL

11. County or Parish, and State

EDDY COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|--|---|---|--|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other |
| | <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Bass Enterprises Production Co. respectfully requests to increase injection pressure from 764 psi to 945 psi on the referenced well based on the attached step rate tests.

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #26254 verified by the BLM Well Information System
For BASS ENTERPRISES PRODUCTION CO, sent to the Carlsbad
Committed to AFMSS for processing by LINDA ASKWIG on 12/29/2003 (04LA0049SE)**

Name (Printed/Typed) TAMI WILBER

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 12/19/2003

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ALEXIS C SWOBODA

Title PETROLEUM ENGINEER

Date 12/29/2003

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Carlsbad

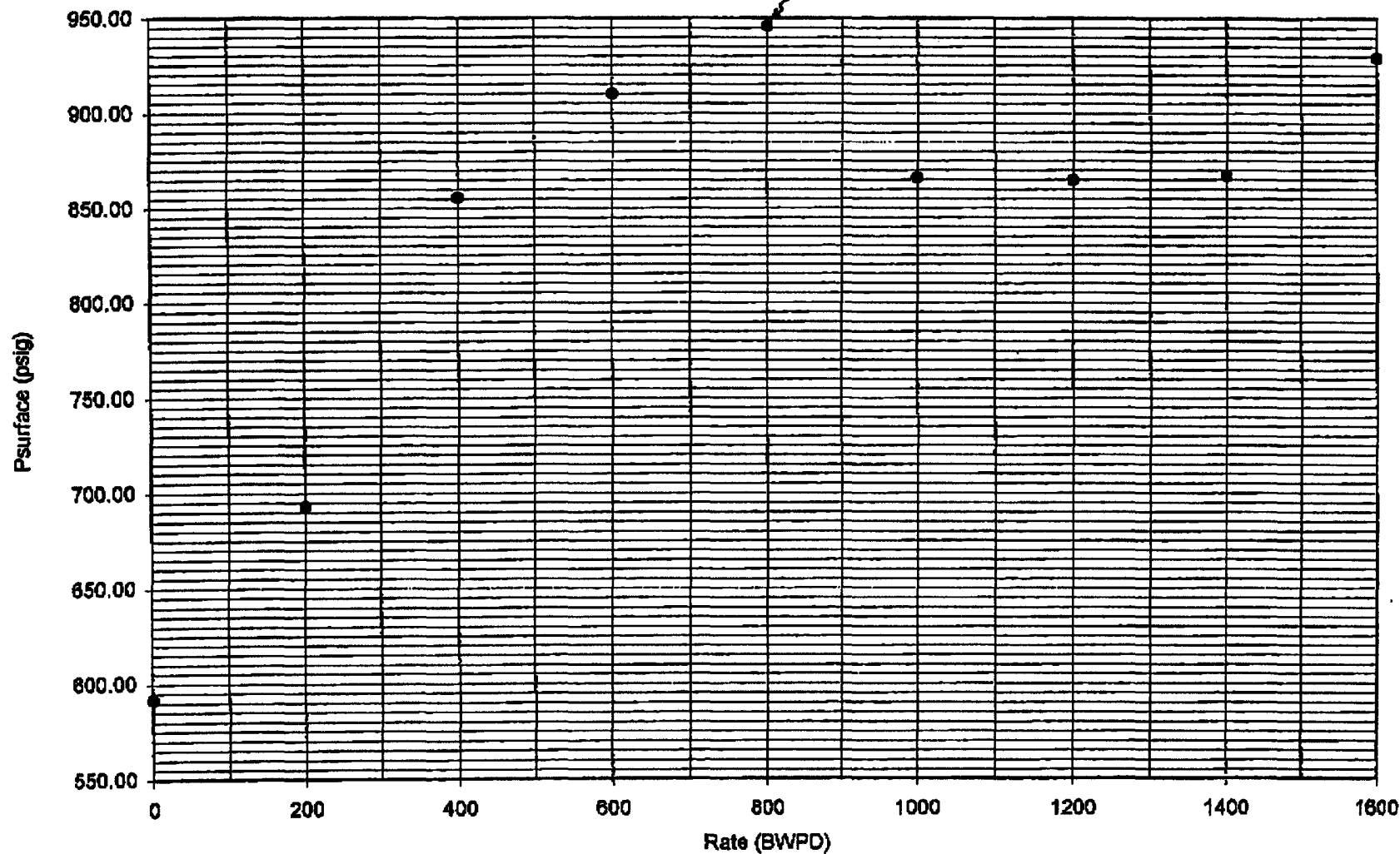
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Step Rate Test
Bass Enterprises
Legg Federal #1
11/25/2003

PRECISION
PRESSURE
DATA, INC.

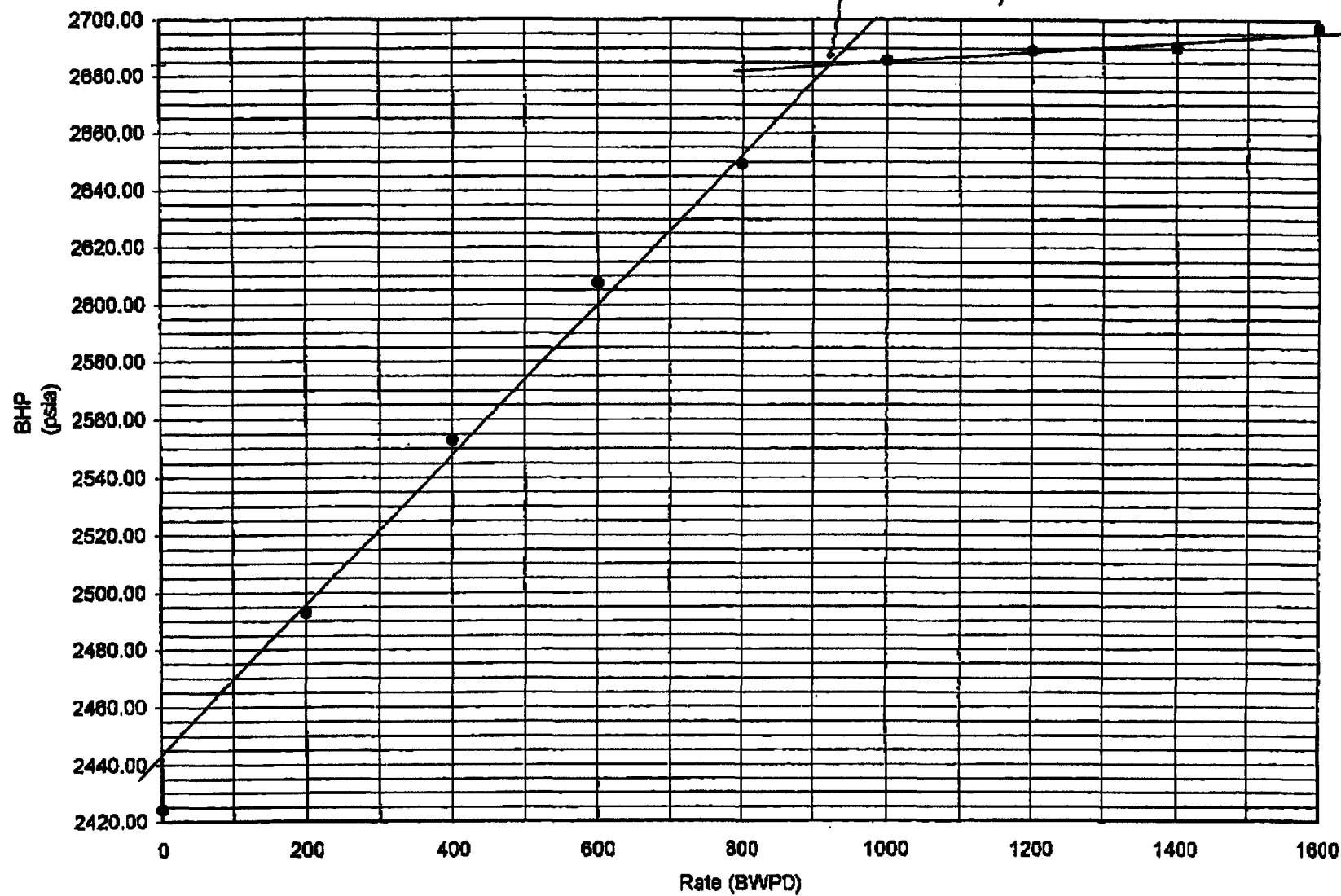
Bottom Pressure was 945 # at the surface



Step Rate Test
Bass Enterprises
Legg Federal #1
11/25/2003

PRECISION
PRESSURE
DATA, INC.

Partina Pressure was 2,684# BHP





NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop
Cabinet Secretary

IPI-218

January 12, 2004

Lori Wrotenberg

Director

Oil Conservation Division

Bass Enterprises Production Company
PO Box 2760
Midland, Texas 79702

Attn: Tami Wilber

**Re: Injection Pressure Increase
Legg Federal Well No. 1
API: 30-015-04734
SWD-566 R-6643 Case No. 7204
660 FNL, 2004 FEL, Sec 27, T22S, R30E, NMPM
Eddy County, New Mexico**

RECEIVED

JAN 16 2004

OCD-ARTESIA

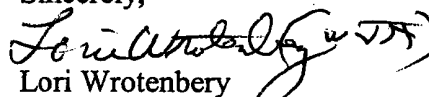
Dear Ms. Wilber:

The New Mexico Oil Conservation Division received your Step Rate Test report and request for injection pressure increase on January 9 2004. After reviewing test results, we feel an increase in injection pressure is justified at this time.

With size and type of tubing remaining 2 7/8 inch, you are authorized to increase the surface injection pressure to a maximum of 900 psi.

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.

Sincerely,


Lori Wrotenberg
Director

cc: Oil Conservation Division – Artesia
Files: SWD-566; Case No. 7204; UIC