



# FAX COVER SHEET

**BASS ENTERPRISES PRODUCTION CO.**

**P. O. BOX 2760**

**MIDLAND, TEXAS 79702**

**432-683-2277**

**FAX - 432-687-0329**

*7PI-218*

TO: Will Jones

COMPANY: OCD- Santa Fe

FAX NUMBER: (505) 476-~~3477~~ 3462

FROM: Kent Adams

PAGES: 6 DATE: 1/19/04

10:29 a.m.

REMARKS:

BLM

*Bass Bell Canyon + Upper Chamy Canyon  
3020-4620  
Bass (765 PSI) R-66-566  
S W D 2764  
Core 431-434  
7204*

*Last print was 9455 surface  
Break # found there or later  
all units = 100 PSI  
1994  
23611  
3820-3915  
3700  
1/15/04  
Delano*

Submit 3 Copies To Appropriate District Office  
 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

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-103  
 Revised June 10, 2003

OIL CONSERVATION DIVISION  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

|  |  |   |
|--|--|---|
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br>(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.)<br>1. Type of Well:<br>Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other Injection Well |  | WELL API NO. 30-015-04734<br>5. Indicate Type of Lease<br>STATE <input type="checkbox"/> FEE <input type="checkbox"/><br>6. State Oil & Gas Lease No.<br>14837<br>7. Lease Name or Unit Agreement Name<br>Legg Federal<br>8. Well Number<br>1 |
| 2. Name of Operator<br>Bass Enterprises Production Co.   | 9. OGRID Number<br>001801                          |   |
| 3. Address of Operator P. O. Box 2760<br>Midland, TX 79702   | 10. Pool name or Wildcat<br>Quahada Ridge Delaware |   |
| 4. Well Location<br>Unit Letter <u>B</u> : <u>660</u> feet from the <u>FNL</u> line and <u>2004</u> feet from the <u>FEL</u> line<br>Section <u>27</u> Township <u>22S</u> Range <u>30E</u> NMPM County <u>Eddy</u>  |  |   |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.)<br>3309' KB; 3286' GL   |  |   |

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

|   |  |  |  |
|---|--|--|--|
| <b>NOTICE OF INTENTION TO:</b><br>PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/><br>TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/><br>PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/><br>OTHER: <input type="checkbox"/> |  | <b>SUBSEQUENT REPORT OF:</b><br>REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/><br>COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/><br>CASING TEST AND CEMENT JOB <input type="checkbox"/><br>OTHER: Increase Injection Pressure <input checked="" type="checkbox"/> |  |
|---|--|--|--|

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.

*forwarded 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

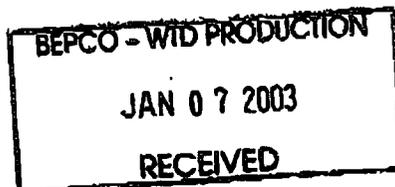
Type or print name Tami Wilber E-mail address: \_\_\_\_\_ Telephone No. \_\_\_\_\_  
 (This space for State use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 Conditions of approval, if any:



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON**  
Governor  
**Joanna Prukop**  
Cabinet Secretary



**Lori Wrotenberg**  
Director  
Oil Conservation Division

5 January 2004

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

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

Form 3160-5  
(August 1999)

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.  
NMNM02982A

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.**1. Type of Well  
 Oil Well  Gas Well  Other: INJECTION8. Well Name and No.  
LEGG FEDERAL 12. Name of Operator  
BASS ENTERPRISES PRODUCTION CO Contact: TAMI WILBER  
E-Mail: twilber@basspet.com9. API Well No.  
30-015-04734-00-S13a. Address  
P O BOX 2760  
MIDLAND, TX 797023b. Phone No. (include area code)  
Ph: 432.683.2277  
Fx: 432.687.032910. Field and Pool, or Exploratory  
QUAHADA RIDGE DELAWARE4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 27 T22S R30E NWNE 660FNL 2004FEL11. 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 recomplete 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 recompletion 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 #28284 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 (04LA0048SE)

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 \*\*

005

001

BEPCO

→ PAULA

01/09/04 10:36 FAX 432 687 0329

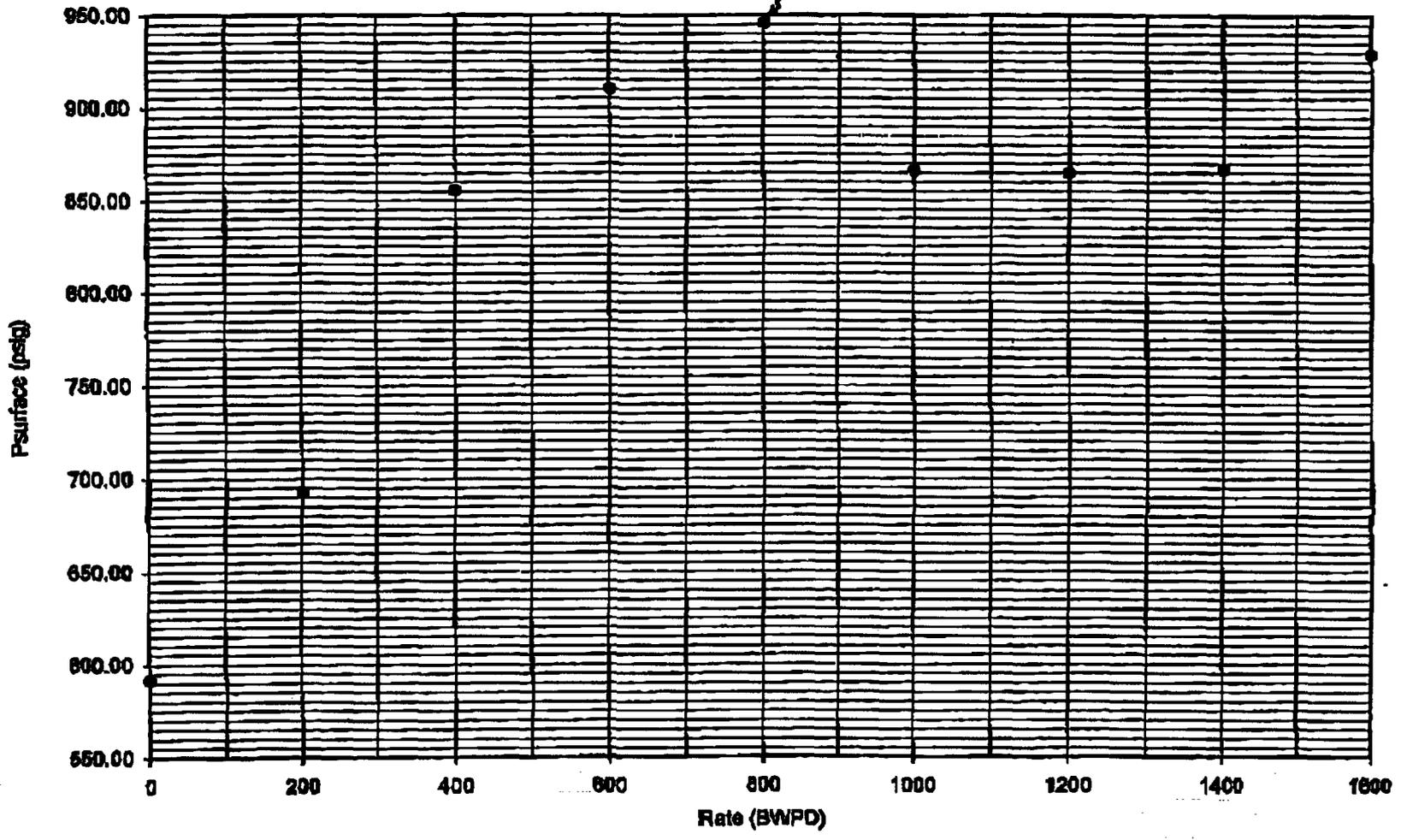
BEPCO

12/18/03 10:28 FAX 432 687 0329

Step Rate Test  
Bess Enterprises  
Logg Federal #1  
11/25/2003

PRECISION  
PRESSURE  
DATA, INC.

*Bottom Pressure was 945 # at the surface*



006

002

→ PAULA

BEPCO

01/09/04 10:36 FAX 432 687 0329

12/18/03 10:29 FAX 432 687 0329

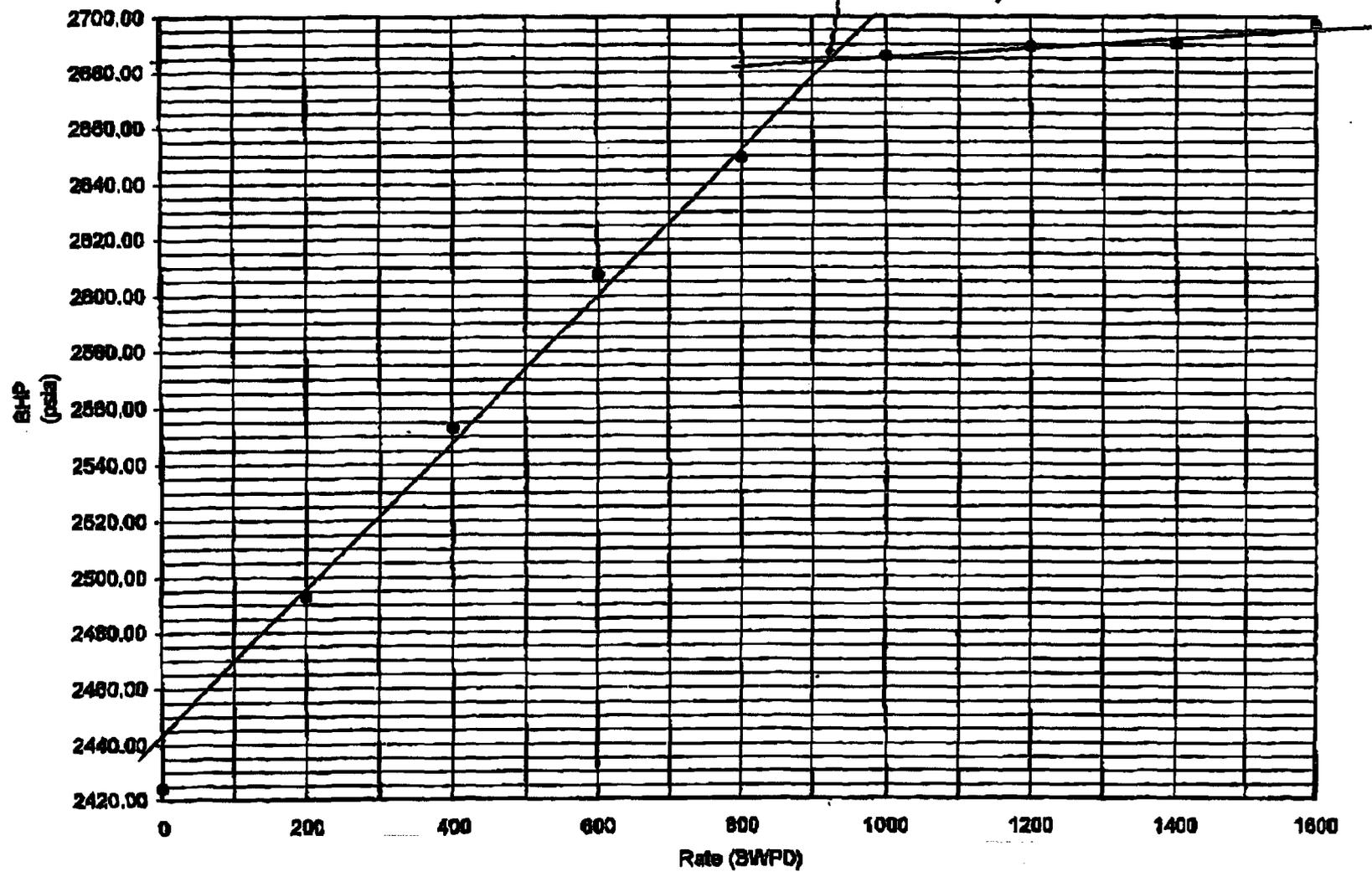
BEPCO

12/18/03 10:29 FAX 432 687 0329

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

PRECISION  
PRESSURE  
DATA, INC.

Barlow Pressure was 1684# BHP



PRECISION PRESSURE DATA, INC. • P. O. BOX 1071 • MCLANG, TEXAS 75708-0571 • (817) 288-6888