

H. L. BROWN, JR.  
POST OFFICE BOX 2237  
MIDLAND, TEXAS 79702-2237

April 2, 1993

State of New Mexico  
Oil Conservation Division  
Post Office Box 1980  
Hobbs, New Mexico 88241-1980

Attn: Jerry Sexton

Re: Federal "27" Comm Well #1  
Unit #, Sec. 27, T7S, R37E  
Bluitt Siluro Devonian No.

Dear Mr. Sexton:

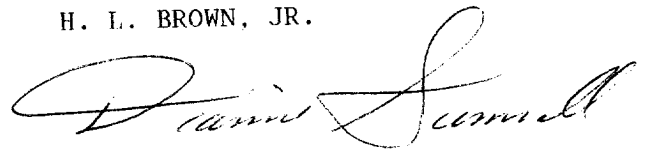
Referencing your letter of March 31, 1993, regarding the above captioned well and its allowable. The Federal "27" Comm Well #1 has experienced a substantial drop in its GOR over the past three months.

Per our telephone conversation, enclosed, please find form C-116 recording a recent test on this well reflecting a GOR of 5842, our prior scheduled test of 6/15/92 reflected a GOR of 21,667. Since the oil production has increased so dramatically of the past three months, this retest should take care of production allowable overages encountered during this period as well as future production.

If you have any questions or have any problems, please let me know.

Sincerely,

H. L. BROWN, JR.



Dianne Sumrall  
Production Clerk

enclosure  
cc



RECEIVED

APR 05 1993

OCD MOSES OFFICE

Submit 2 copies to Appropriate District Office.

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240  
DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210  
DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-116  
Revised 1/1/89

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

GAS - OIL RATIO TEST

|   |          |                                       |    |                                    |     |                                     |              |   |             |                  |                      |              |                   |            |                            |      |
|---|----------|---------------------------------------|----|------------------------------------|-----|-------------------------------------|--------------|---|-------------|------------------|----------------------|--------------|-------------------|------------|----------------------------|------|
| Operator<br>H. L. Brown, Jr.                    |          | Pool<br>North Bluff (Siluro Devonian) |    |                                    |     | County<br>Roosevelt                 |              |   |             |                  |                      |              |                   |            |                            |      |
| Address<br>P. O. Box 2237, Midland, Texas 79702 |          | TYPE OF TEST - (X)                    |    | Scheduled <input type="checkbox"/> |     | Completion <input type="checkbox"/> |              | Special <input checked="" type="checkbox"/> |             |                  |                      |              |                   |            |                            |      |
| LEASE NAME                                      | WELL NO. | U                                     | S  | T                                  | R   | DATE OF TEST                        | DATE OF TEST | CHOKE SIZE                                  | TBG. PRESS. | DAILY ALLOW-ABLE | LENGTH OF TEST HOURS | WATER BBL.S. | PROD. DURING TEST | GAS M.C.F. | GAS - OIL RATIO CU.FT/BBL. |      |
| Federal "27" Comm                               | 1        | E                                     | 27 | 7S                                 | 37E | 3/18/83                             | F            | 15/64                                       | 480         |                  | 24                   | 8            | 50.8              | 76         | 444                        | 5842 |

*Will be done for oil*

Instructions:

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Division.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

(See Rule 301, Rule 1116 & appropriate pool rules.)

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

Signature

*Dianne Sumrall*

Printed name and title

Dianne Sumrall - Production Clerk

Date

4/2/93

(915) 683-5216

Telephone No.