

# TEFTELLER, INC.

RESERVOIR ENGINEERING DATA AND PRODUCTIVITY ENHANCEMENT SERVICES  
MIDLAND, TEXAS • FARMINGTON, NEW MEXICO • GRAND JUNCTION, COLORADO

## CHRONOLOGICAL PRESSURE AND PRODUCTION DATA

| 1991<br>DATE | STATUS OF WELL                       | TIME  | ELAPSED<br>TIME |     | WELLHEAD<br>PRESSURE |     | BHP @<br>1650'<br>PSIG |
|--------------|--------------------------------------|-------|-----------------|-----|----------------------|-----|------------------------|
|              |                                      |       | HRS             | MIN | TBG                  | CSG |                        |
| 9-3          | Arrived on location,<br>well shut-in | 08:30 |                 |     | DWT                  | DWT |                        |
|              | Gradient traverse                    |       |                 |     | 239                  | 240 |                        |
|              | Instrument @ 1650'                   | 10:00 | 172             | 00  |                      |     | 289                    |
|              |                                      | 14:00 | 176             | 00  |                      |     | 289                    |
|              |                                      | 18:00 | 180             | 00  |                      |     | 289                    |
|              |                                      | 22:00 | 184             | 00  |                      |     | 289                    |
| 9-4          |                                      | 02:00 | 188             | 00  |                      |     | 289                    |
|              |                                      | 06:00 | 192             | 00  |                      |     | 289                    |
|              |                                      | 10:00 | 196             | 00  | 240                  | 240 | 289                    |

**MERIDIAN OIL**

CASE NO. 10393  
GORDON #5  
1060' FWL, 920' FSL  
Section 22, T-27-N, R-10-W  
San Juan County  
New Mexico

|          |           |        |               |         |
|----------|-----------|--------|---------------|---------|
| GORDON   | 5 FLOWING | PC TBG | W/ 3/4" CHOKE |         |
| 11/13/90 |           | FL T*  | FRC TBG       | FRC CSG |
| SHUT IN  | 212       |        | 215           | 215     |
| 15 MIN   | 12        | 50     | 68            | 103     |
| 30 MIN   | 7         | 52     | 63            | 65      |
| 45 MIN   | 4         | 52     | 60            | 68      |
| 1 HR     | 2         | 55     | 60            | 62      |
| 2 HR     | 4         | 56     | 57            | 59      |
| 3 HR     | 3         | 56     | 55            | 55      |

|          |           |         |               |        |
|----------|-----------|---------|---------------|--------|
| GORDON   | 5 FLOWING | FRC TBG | W/ 3/4" CHOKE |        |
| 11/20/90 |           | FL T*   | FRC CSG       | PC TBG |
| SHUT IN  | 212       |         | 230           | 162    |
| 15 MIN   | 15        | 46      | 62            | 122    |
| 30 MIN   | 8         | 45      | 50            | 80     |
| 45 MIN   | 6         | 45      | 45            | 61     |
| 1 HR     | 5         | 47      | 42            | 61     |
| 2 HR     | 5         | 46      | 45            | 61     |
| 3 HR     | 5         | 46      | 43            | 61     |

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Case 10393  
M.S.

Assignment of allowable to the well and allocation of production from the well shall be determined by the following method:

Monthly gas production from the \_\_\_\_\_ Pool shall be calculated utilizing the following formula:

$$Q_2 = Q_1 (1 - De)^{Yr} \text{ MCFD}$$

Where: De = Effective Decline in %/yr. (Derived from production plot)

Q<sub>2</sub> = Rate two (at some future date) MCFD

Q<sub>1</sub> = Rate one (current rate) MCFD

Yr = Years into the future from current date

Any gas production above what is calculated by the aforementioned formula shall be attributed to the Basin-Fruitland Coal Gas Pool.

Any condensate production shall be allocated entirely to the \_\_\_\_\_ Pool.

An annual report shall be submitted by the operator to both the Santa Fe and Aztec offices of the Division showing the complete allocation computations for each month.