

OIL CONSERVATION DIVISION

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST FOR 1999

Operator Caulkins Oil Company

Lease BREECH "E" Well No. 89-E

Location

of Well: Unit E Sec. 3 Twp. 26N Rge. 6W County Rio Arriba

|                 | NAME OF RESERVOIR OR POOL | TYPE OF PROD. | METHOD OF PROD.<br>(Flow or Art. Lift) | PROD. MEDIUM<br>(Tbg. or Csg.) |
|-----------------|---------------------------|---------------|--|--------------------------------|
| Upper<br>Compl. | TOCITO                    | Gas           | Flow                                   | Tubing                         |
| Lower<br>Comp.  | BASIN DAKOTA              | Gas           | Flow                                   | Tubing                         |

PRE-FLOW SHUT-IN PRESSURE DATA

|                |                    |                        |                |                         |
|----------------|--------------------|------------------------|----------------|-------------------------|
| Upper<br>Comp. | Hour, date shut-in | Length of time shut-in | SI press. psig | Stabilized? (Yes or No) |
| Lower<br>Comp. | Hour, date shut-in | Length of time shut-in | SI press. psig | Stabilized? (Yes or No) |

FLOW TEST NO. 1

| Commenced at (hour, date)* 8:05 am 5/2/99 |                          |                                       |     | Zone producing (Upper or Lower): |                    |
|---|--------------------------|---------------------------------------|-----|----------------------------------|--------------------|
| TIME<br>(hour, date)                      | LAPSED<br>TIME<br>SINCE* | PRESSURE<br>Upper Comp.   Lower Comp. |     | PROD. ZONE<br>TEMP.              | REMARKS            |
| 8:05 am 5/3/99                            | 24 hrs.                  | 398                                   | 294 | 60                               | Both Zones Shut-In |
| 8:05 am 5/4/99                            | 48 hrs.                  | 458                                   | 303 | 60                               | Both Zones Shut-In |
| 8:05 am 5/5/99                            | 72 hrs.                  | 497                                   | 312 | 60                               | Both Zones Shut-In |
| 8:05 am 5/5/99                            | 84 hrs.                  | 409                                   | 313 | 60                               | Oil Zone Producing |
| 8:05 am 5/6/99                            | 96 hrs.                  | 299                                   | 316 | 60                               | Oil Zone Producing |

Production rate during test

Oil: \_\_\_\_\_ BOPD based on \_\_\_\_\_ Bbls. in \_\_\_\_\_ Hours \_\_\_\_\_ Grav. \_\_\_\_\_ GOR \_\_\_\_\_

Gas: \_\_\_\_\_ MCFPD: Tested thru (Orifice or Meter): \_\_\_\_\_

MID-TEST SHUT-IN PRESSURE DATA

|                |                    |                        |                |                         |
|----------------|--------------------|------------------------|----------------|-------------------------|
| Upper<br>Comp. | Hour, date shut-in | Length of time shut-in | SI press. psig | Stabilized? (Yes or No) |
| Lower<br>Comp. | Hour, date shut-in | Length of time shut-in | SI press. psig | Stabilized? (Yes or No) |

(Continue on reverse side)

FLOW TEST NO. 2

|                            |                          |                                       |  |                                  |         |
|----------------------------|--------------------------|---------------------------------------|--|----------------------------------|---------|
| Commenced at (hour, date)* |                          |                                       |  | Zone producing (Upper or Lower): |         |
| TIME<br>(hour, date)       | LAPSED<br>TIME<br>SINCE* | PRESSURE<br>Upper Comp.   Lower Comp. |  | PROD. ZONE<br>TEMP.              | REMARKS |
|                            |                          |                                       |  |                                  |         |
|                            |                          |                                       |  |                                  |         |
|                            |                          |                                       |  |                                  |         |
|                            |                          |                                       |  |                                  |         |
|                            |                          |                                       |  |                                  |         |
|                            |                          |                                       |  |                                  |         |

Production rate during test

Oil: \_\_\_\_\_ BOPD based on \_\_\_\_\_ Bbls. in \_\_\_\_\_ Hours \_\_\_\_\_ Grav. \_\_\_\_\_ GOR \_\_\_\_\_

Gas: \_\_\_\_\_ MCFPD: Tested thru (Orifice or Meter): \_\_\_\_\_

Remarks: \_\_\_\_\_

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

Approval MAY 24 1999 19 \_\_\_\_\_ Operator Caulkins Oil Company

New Mexico Oil Conservation Division

By \_\_\_\_\_

**ORIGINAL SIGNED BY CHARLIE T. PEPPER**

Title DEPUTY OIL & GAS INSPECTOR, DIST. #3

By Robert L. Vergara

Title Superintendent

Date May 19, 1999

**NOTE:** This format is in lieu of Oil Conservation Division, Packer Leakage Tests Form.