# STATE OF NEW MEXICO OIL CONSERVATION DIVISION ENERGY and MINERALS DEPARTMENT

# NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator <u>Caulkins Oil Company</u> <u>Lease <u>BREECH "C"</u> Well No. <u>144</u></u> Location of Well: Unit A Sec. 12 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                    | Oil           | Flow                                   | Tubing                         |  |
| Lower<br>Comp.  | BASIN DAKOTA              | Gas           | Plow                                   | Tubing                         |  |

## PRE-PLOW SHUT-IN PRESSURE DATA

| Upper<br>Comp. | Bour, date shut-in | Longth of time shut-in | #I press. psig | Stablised?(Tes er Te) |
|----------------|--------------------|------------------------|----------------|-----------------------|
| Lower<br>Comp. | Roor, date shut-in | Length of time shut-in | SI press. paig | Stablized?(Tes or No) |
| <u></u> _      |                    |                        |                |                       |

#### PLOW TEST NO. 1

| Commenced at (hour, | date)* 11:20 am       | 11/26/95 |            | Zone producina   | (Upper or Lower):  |
|---------------------|-----------------------|----------|------------|------------------|--------------------|
| TIME (hour, date)   | EAPSED TIME<br>SINCE* | PRES     | SURE Comp. | PROD. ZONE TEMP. | REMARKS            |
| 11:20 am 11/27/95   | 24 hrs.               | 308      | 598        | 60               | Both Zones Shut-In |
| 11:20 am 11/28/95   | 48 hrs.               | 314      | 600        | 60               | Both Zones Shut-In |
| 11:20 am 11/29/95   | 72 hrs.               | 320      | 600        | 60               | Both Zones Shut-In |
| 11:20 am 11/29/95   | 84 hrs.               | 195      | 600        | 60               | Oil Zone Producing |
| 11:20 am 11/30/95   | 96 hrs.               | 194      | 600        | 60               | Oil Zone Producing |
|                     |                       |          |            |                  |                    |

Production rate during test

| Oil: | BOPD based on | Bbls. in           | Hours     | DEC 2 6 1995 GOR |  |
|------|---------------|--------------------|-----------|------------------|--|
| Gas: | MCPPD: Test   | ed thru (Orifice o | r Meter): | DIL GOM. DIV.    |  |

### MID-TEST SHUT-IN PRESSURE DATA

| Upper<br>Comp. | lour, date shut-in | Longth of time shut-in | SI press. paig  | Stablized!(Tes or No) |
|----------------|--------------------|------------------------|-----------------|-----------------------|
| Lower<br>Comp. | Home, date shut-in | Length of time shat-in | \$1 press. psig | Stablized?(Tes or Eq) |
|                |                    |                        |                 |                       |

#### PLOW TEST NO. 2

| Commenced at (h      | our, date)*           |          | Zone producing      | (Upper or Lower):   |          |
|----------------------|-----------------------|----------|---------------------|---------------------|----------|
| TIME<br>(hour, date) | LAPSED TIME<br>SINCE* |          | SURE<br>Lower Comp. | PROD. ZONE<br>TEMP. | REMARKS  |
|                      |                       |          |                     |                     | ·        |
|                      |                       |          |                     |                     |          |
|                      |                       |          |                     |                     |          |
|                      |                       |          |                     |                     |          |
| oduction rate        | during test           |          |                     |                     |          |
| il:                  | BOPD ba               | ased on  | Bbls. in            | Hours               | Grav GOR |
| as:                  |                       | MCFPD: 1 | ested thru (Ori     | fice or Meter):_    |          |

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

Approval Johnny Rollinson 19 Operator Caulkins Oil Company

New Mexico Oil Cohservation Division

| Approval       | Conservation Division      | Operator Caurkins of Company |
|----------------|----------------------------|------------------------------|
| New Wexico Oti | DEC 2 7 1995               | By Robert I Verguer          |
| Ву             |                            | Title Superintendent         |
| Title          | DEPUTY OIL & GAS INSPECTOR | Date December 21, 1995       |

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