

STATE OF NEW MEXICO OIL CONSERVATION DIVISION
ENERGY and MINERALS DEPARTMENT

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator Caulkins Oil Company Lease BREECH "E" Well No. 50-E

Location
of Well: Unit D Sec. 5 Twp. 36N Rge. 6W County Rio Arriba

| | NAME OF RESERVOIR OR POOL | TYPE OF PROD. | METHOD OF PROD. (Flow or Art. Lift) | PROD. MEDIUM (Tbg. or Csg.) |
|----------------|---------------------------|---------------|--|--------------------------------|
| Upper Comp. | MESA VERDE | Gas | Flow | Tubing |
| Lower Comp. | BASIN DAKOTA | Gas | Flow | Tubing |

PRE-FLOW SHUT-IN PRESSURE DATA

| Upper Comp. | Hour, date shut-in | Length of time shut-in | SI press. psig | Stabilized?(Yes or No) |
|----------------|--------------------|------------------------|----------------|------------------------|
| Lower 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)* 4/25/97 3:49 p.m. | | | | Zone producing (Upper or Lower): | |
|--|-----------------------|---------------------------------------|-----|----------------------------------|----------------------|
| TIME (hour, date) | LAPSED TIME SINCE* | PRESSURE Upper Comp. Lower Comp. | | PROD. ZONE TEMP. | REMARKS |
| 4/26/97 3:49 p.m. | 24 hrs. | 276 | 209 | 60 | Both Zones Shut-In |
| 4/27/97 3:49 p.m. | 48 hrs. | 305 | 297 | 60 | Both Zones Shut-In |
| 4/28/97 3:49 p.m. | 72 hrs. | 377 | 382 | 60 | Both Zones Shut-In |
| 4/29/97 3:49 p.m. | 96 hrs. | 381 | 279 | 60 | Lower Zone Producing |
| 4/30/97 3:49 p.m. | 120 hrs. | 384 | 221 | 60 | Lower 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 Comp. | Hour, date shut-in | Length of time shut-in | SI press. psig | Stabilized?(Yes or No) |
|----------------|--------------------|------------------------|----------------|------------------------|
| Lower 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 (hour, date) | LAPSED TIME SINCE* | PRESSURE | | PROD. ZONE TEMP. | REMARKS |
| | | Upper Comp. | Lower Comp. | | |
| | | | | | |
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| | | | | | |
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| | | | | | |
| | | | | | |

Production rate during test

Oil: _____ BOPD based on _____ Bbls. in _____ Hours _____ Grav. _____ GOR _____

Gas: _____ MCPPD: 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 14 1997 19_____
New Mexico Oil Conservation Division

Operator Caulkins Oil Company

By Robert I. Vergara

Title Superintendent

Date May 9, 1997

By [Signature]
Title Deputy Oil & Gas Inspector

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