

**OIL CONSERVATION DIVISION  
NORTHWEST NEW MEXICO PACKER LEAKAGE TEST**

Operator NORTHWEST PIPELINE CORPORATION Lease JICARILLA 93 Well No. 12  
 Location  
 of Well: Unit F Sec. 34 Twp. 27N Rge. 3W County RIO ARriba Meter # 85716, 85717

|                  | NAME OF RESERVOIR OR POOL | TYPE OF PROD<br>(Flow or Art. Lift) | METHOD OF PROD.<br>(Flow or Art. Lift) | PROD. MEDIUM<br>(Tbg. or Csg.) |
|------------------|---------------------------|-------------------------------------|--|--------------------------------|
| Upper Completion | PICTURED CLIFFS           | GAS                                 | FLOWING                                | CASING                         |
| Lower Completion | MESAVERDE                 | GAS                                 | FLOWING                                | TUBING                         |

**PRE-FLOW SHUT-IN PRESSURE DATA**

|                  |                               |                                  |   |                               |
|------------------|-------------------------------|----------------------------------|---|-------------------------------|
| Upper Completion | Hour, date shut-in<br>9-16-94 | Length of time shut-in<br>5 DAYS | SI press. psig<br>SICP = 750 SITP = 800 | Stabilized? (Yes or No)<br>NO |
| Lower Completion | Hour, date shut-in<br>9-16-94 | Length of time shut-in<br>5 DAYS | SI press. psig<br>SITP = 625            | Stabilized? (Yes or No)<br>NO |

**FLOW TEST NO. 1**

| Commenced at (hour, date)* 9-22-94 |                       |                  |     |                  | Zone producing (Upper or Lower) LOWER |               |
|------------------------------------|-----------------------|------------------|-----|------------------|---------------------------------------|---------------|
| TIME<br>(hour, date)               | LAPSED TIME<br>SINCE* | PRESSURE         |     |                  | PROD. ZONE<br>TEMP.                   | REMARKS       |
|                                    |                       | Upper Completion |     | Lower Completion |                                       |               |
| 9-22-94                            | 24 HOURS              | CSG              | TBG | TBG              |                                       | Q = 168 MCF/D |
|                                    |                       | 750              | 800 | 430              |                                       |               |
| 9-23-94                            | 48 HOURS              | 750              | 800 | 430              |                                       | Q = 168 MCF/D |

REMARKS: \_\_\_\_\_

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

Approved OCT 24 1994 19\_\_\_\_  
 New Mexico Oil Conservation Division  
 By Charles [Signature]  
 Title DEPUTY OIL & GAS INSPECTOR, DIST. #3

Operator NORTHWEST PIPELINE CORPORATION  
 By Sterg Katirgis [Signature]  
 Title Senior Engineer  
 Date 10/20/94