

NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT



OIL CONSERVATION DIVISION  
AZTEC DISTRICT OFFICE  
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Revised 11/16/98

**NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST**

Operator: Williams Production Company Lease Name: Rosa Unit Well No. 145

Location of Well: Letter G Sec 16 Twp 31N Rge 6W API # 30-0 45-29166

|                  | NAME OF RESERVIOR OR POOL | TYPE OF PROD.<br>(Oil or Gas) | METHOD OF PROD.<br>(Flow or Art. Lift) | PROD. MEDIUM<br>(Tbg. Or Csg.) |
|------------------|---------------------------|-------------------------------|--|--------------------------------|
| Upper Completion | PICTURED CLIFFS           | GAS                           | FLOWING                                | TUBING                         |
| Lower Completion | MESA VERDE                | GAS                           | FLOWING                                | TUBING                         |

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

|                  |                                 |                                  |                              |                               |
|------------------|---------------------------------|----------------------------------|------------------------------|-------------------------------|
| Upper Completion | Hour, date shut-in<br>3/18/2000 | Length of time shut-in<br>3 Days | SI press. PSIG<br>SICP = 948 | Stablized? (Yes or No)<br>Yes |
| Lower Completion | Hour, date shut-in<br>3/18/2000 | Length of time shut-in<br>5 Days | SI press. PSIG<br>SITP = 236 | Stablized? (Yes or No)<br>Yes |

**FLOW TEST NO. 1**

| Commenced at (hour, date)* 03/18/00 |                       |                  |                  | Zone Producing (Upper or Lower): Upper |                            |
|-------------------------------------|-----------------------|------------------|------------------|--|----------------------------|
| TIME<br>(hour,date)                 | LAPSED TIME<br>SINCE* | PRESSURE         |                  | PROD. ZONE<br>TEMP.                    | REMARKS                    |
|                                     |                       | Upper Completion | Lower Completion |  |                            |
|                                     |                       | Csg              | Tbg              |  |                            |
| 3/18/2000                           | Day 1                 |                  |                  |  | Both Zones Shut In         |
| 3/19/2000                           | Day 2                 | 821              | 818 212          |  | Both Zones Shut In         |
| 3/20/2000                           | Day 3                 | 903              | 902 228          |  | Both Zones Shut In         |
| 3/21/2000                           | Day 4                 | 948              | 947 236          |  | Both Zones Shut In         |
| 3/22/2000                           | Day 5                 | 660              | 382 242          |  | Flow Upper Zone = 405 MCFD |
| 3/23/2000                           | Day 6                 | 553              | 109 256          |  | Flow Upper Zone = 297 MCFD |

Production rate during test

Oil: \_\_\_\_\_ BOPD based on \_\_\_\_\_ Bbls in \_\_\_\_\_ Hours \_\_\_\_\_ Gravity \_\_\_\_\_

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

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

Approved APR 24 2000, 2000  
Mexico Oil Conservation Division

By ORIGINAL SIGNED BY CHRYLLE T. PEWITT  
Title DEPUTY OIL & GAS INSPECTOR, DIST. #3

Operator Williams Production Company  
By Tracy Ross  
Title Production Analyst  
Date April 19, 2000