

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. 29M

Location of Well: Letter I Sec 32 Twp 32N Rge 6W API # 30-045-29584

|                  | 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 | MESA VERDE                | GAS                           | FLOWING                                | TUBING                         |
| Lower Completion | DAKOTA                    | GAS                           | FLOWING                                | TUBING                         |

PRE-FLOW SHUT-IN PRESSURE DATA

|                  |                                  |                                  |                              |                               |
|------------------|----------------------------------|----------------------------------|------------------------------|-------------------------------|
| Upper Completion | Hour, date shut-in<br>10/18/1999 | Length of time shut-in<br>3 Days | SI press. PSIG<br>SICP = 503 | Stablized? (Yes or No)<br>Yes |
| Lower Completion | Hour, date shut-in<br>10/18/1999 | Length of time shut-in<br>3 Days | SI press. PSIG<br>SITP = 817 | Stablized? (Yes or No)<br>Yes |

FLOW TEST NO. 1

| Commenced at (hour, date)* 10/18/99 |                       |                  |                  | Zone Producing (Upper or Lower): |                             |
|-------------------------------------|-----------------------|------------------|------------------|----------------------------------|-----------------------------|
| TIME<br>(hour, date)                | LAPSED TIME<br>SINCE* | PRESSURE         |                  | PROD. ZONE<br>TEMP.              | REMARKS                     |
|                                     |                       | Upper Completion | Lower Completion |                                  |                             |
| 10/18/1999                          | Day 1                 |                  |                  |                                  | Both Zones Shut In          |
| 10/19/1999                          | Day 2                 | 431              | 508              |                                  | Both Zones Shut In          |
| 10/20/1999                          | Day 3                 | 475              | 812              |                                  | Both Zones Shut In          |
| 10/21/1999                          | Day 4                 | 495              | 817              |                                  | Both Zones Shut In          |
| 10/22/1999                          | Day 5                 | 504              | 532              |                                  | Flow Lower Zone = 1344 MCFD |
| 10/23/1999                          | Day 6                 | 516              | 421              |                                  | Flow Lower Zone = 1421 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 DEC 30 1999  
Mexico Oil Conservation Division

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

Operator Williams Production Company  
By Sterg Katirgis  
Title Engineer  
Date December 27, 1999