

# NEW MEXICO ENERGY, MINERALS, & NATURAL RESOURCES DEPARTMENT

## NORTHWEST NEW MEXICO PACKER LEAKAGE TEST

Operator: ConocoPhillips Company Lease Name: SAN JUAN 28-7 Well No.: 177  
 API Number: 30-039-20762 Unit Letter: I Section 30 Township: 27N Range 7W

|            | Name of Formation or Reservoir | Production Type<br>( Oil or Gas ) | Production Method<br>( Flow or Art. Lift ) | Production Medium<br>( Tbg or Csg ) |
|------------|--------------------------------|-----------------------------------|--|-------------------------------------|
| Upper Zone | CH                             | Gas                               | FLOW                                       | TBG                                 |
| Lower Zone | PC                             | Gas                               | FLOW                                       | TBG                                 |

| INITIAL SHUT-IN AND FINAL BUILDUP PRESSURES |              |              |                     |                      |                           |
|---|--------------|--------------|---------------------|----------------------|---------------------------|
| Upper Zone                                  | Date Shut In | Hour Shut In | Initial SI Pressure | Final Buildup Press. | Stabilized? ( Yes or No ) |
|   | 06/13/05     | 12:00 PM     | 144                 | 372                  | yes                       |
| Lower Zone                                  | Date Shut In | Hour Shut In | Initial SI Pressure | Final Buildup Press. | Stabilized? ( Yes or No ) |
|   | 06/13/05     | 12:00 PM     | 146                 | 172                  | yes                       |

| BUILDUP DATA |                               |          |       |         |
|--------------|-------------------------------|----------|-------|---------|
| Date         | Elapsed Time<br>Since Shut-In | Pressure |       | Remarks |
|              |                               | Upper    | Lower |         |
| 06/14/05     | 24 hrs                        | 350      | 152   |         |
| 06/15/05     | 48 hrs                        | 356      | 162   |         |
| 06/16/05     | 72 hrs                        | 365      | 170   |         |
|              |                               |          |       |         |
|              |                               |          |       |         |
|              |                               |          |       |         |
|              |                               |          |       |         |

| FLOW TEST #1                 |                               |          |          |                                    |      |                   |
|------------------------------|-------------------------------|----------|----------|------------------------------------|------|-------------------|
| Commenced at ( Date, Hour ): |                               | 06/20/05 | 10:15 AM | Zone Producing ( Upper or Lower ): |      | upper             |
| Time<br>(Date or Hour)       | Elapsed Time<br>Since Shut-In | Pressure |          | Flow Rate                          |      | Remarks           |
|                              |                               | Upper    | Lower    | MCFD                               | BOPD |                   |
| 6/20/05                      | 192 hrs                       | 372      | 172      | 53                                 | 0    | opened upper zone |
| 6/21/05 11:30 am             | 216 hrs                       | 138      | 172      |                                    |      | opened lower zone |
|                              |                               |          |          |                                    |      |                   |
|                              |                               |          |          |                                    |      |                   |
|                              |                               |          |          |                                    |      |                   |
|                              |                               |          |          |                                    |      |                   |

| FLOW TEST #2 ( If first flow test fails. ) |                               |          |       |                                    |      |         |
|--|-------------------------------|----------|-------|------------------------------------|------|---------|
| Commenced at ( Date, Hour ):               |                               |          |       | Zone Producing ( Upper or Lower ): |      |         |
| Time<br>(Date or Hour)                     | Elapsed Time<br>Since Shut-In | Pressure |       | Flow Rate                          |      | Remarks |
|  |                               | Upper    | Lower | MCFD                               | BOPD |         |
|  |                               |          |       |                                    |      |         |
|  |                               |          |       |                                    |      |         |
|  |                               |          |       |                                    |      |         |
|  |                               |          |       |                                    |      |         |
|  |                               |          |       |                                    |      |         |
|  |                               |          |       |                                    |      |         |

| FLOW TEST DATA                   |  |                   |  |                |      |         |
|----------------------------------|--|-------------------|--|----------------|------|---------|
| Gas Measurement (MCFD) based on: |  | EFM Orifice Meter |  | Dry Flow Meter |      | Turbine |
| Oil Measurement (BOPD) based on: |  | Tank Gage         |  | PDM            | LACT | GOR     |

Remarks looks ok

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

Approved JUL 19 2005 Date \_\_\_\_\_ Operator ConocoPhillips Company  
 New Mexico Oil and Gas Commission By Ivan Brown  
 By H. Villanueva Title mso  
 Title DEPUTY OIL & GAS INSPECTOR, DIST. 20 Date \_\_\_\_\_ Date 06/21/05