

# NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

## NORTHWEST NEW MEXICO PACKER LEAKAGE TEST

Operator: ConocoPhillips Co. Lease Name: San Juan 28-7 Well No.: 52

Location of Well: Unit Letter: H Section: 27 Township: 28N Range: 7W

Well API Number: 3003907315

|                  | NAME OF FORMATION OR RESERVOIR | 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                           | FLOW                                   | TBG                           |
| Lower Completion | MESA VERDE                     | GAS                           | FLOW                                   | TBG                           |

| INITIAL SHUT-IN AND FINAL BUILDUP PRESSURES |              |              |                     |                      |                         |
|---|--------------|--------------|---------------------|----------------------|-------------------------|
| Upper Completion                            | Date Shut In | Hour Shut In | Initial SI Pressure | Final Buildup Press. | Stabilized? (Yes or No) |
|   | 06/15/04     | 9:00 AM      | 100                 | 190                  | NO                      |
| Lower Completion                            | Date Shut In | Hour Shut In | Initial SI Pressure | Final Buildup Press. | Stabilized? (Yes or No) |
|   | 06/15/04     | 9:00 AM      | 100                 | 210                  | NO                      |

| BUILDUP DATA |                            |          |       |   |
|--------------|----------------------------|----------|-------|---|
| Date         | Elapsed Time Since Shut-In | Pressure |       | Remarks                                   |
|              |                            | Upper    | Lower |   |
| 06/16/04     | 1 Day                      | 164      | 172   | Both zones shut in, building pressure.    |
| 06/17/04     | 2 Days                     | 172      | 182   | Both zones shut in, building pressure.    |
| 06/18/04     | 3 Days                     | 176      | 190   | Both zones shut in, building pressure.    |
| 06/20/04     | 5 Days                     | 182      | 202   | Both zones shut in, building pressure.    |
| 06/22/04     | 7 Days                     | 186      | 210   | End of 7-day buildup, turn on lower zone. |
|              |                            |          |       |   |
|              |                            |          |       |   |

| FLOW TEST                  |                            |          |         |                                  |      |   |
|----------------------------|----------------------------|----------|---------|----------------------------------|------|---|
| Commenced at (Date, Hour): |                            | 06/22/04 | 8:00 AM | Zone Producing (Upper or Lower): |      | Lower   |
| Time<br>(Date or Hour)     | Elapsed Time Since Shut-In | Pressure |         | Flow Rate                        |      | Remarks   |
|                            |                            | Upper    | Lower   | MCFD                             | BOPD |   |
| 6/23/04                    | 8 Days                     | 188      | 110     | 338                              | 0.78 | PC zone still shut in.                                |
| 6/24/04                    | 9 Days                     | 190      | 88      | 385                              | 0.78 | Packer holding, end of test. Turn upper zone back on. |
|                            |                            |          |         |                                  |      |   |
|                            |                            |          |         |                                  |      |   |
|                            |                            |          |         |                                  |      |   |

| FLOW TEST DATA                   |  |                   |    |                |       |  |
|----------------------------------|--|-------------------|----|----------------|-------|--|
| Gas Measurement (MCFD) based on: |  | EFM Orifice Meter | XX | Dry Flow Meter |       |  |
| Oil Measurement (BOPD) based on: |  | Tank Gage         | XX | Meter          | Grav. |  |
|                                  |  |                   |    |                |       |  |

Remarks: Dual completion with two tubing strings. MV oil production is average per day from monthly tank gages.

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

Approved: JUL 23 2004 Date: \_\_\_\_\_ Operator: ConocoPhillips Company

New Mexico Oil and Gas Conservation Commission

By: [Signature] Title: MSO

Title: DEPUTY OIL & GAS INSPECTOR, DIST. #3 Date: 7-12-04