NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

This form is not to be used for reporting packer leakage tests in Southeast New Mexico

| | | | | | | Page 1 Revised 11/16/98 | | | | | | |
|---|---|--|------------------------|--|-------------------------------|-------------------------|--|--|--|--|--|--|
| _ | | NORTHWEST NI | EW MEXICO | PACKER-L | LEAKAGE TEST | J | | | | | | |
| Operator Wirgly Cources Corp. Lease Name JiChrilla 9900000 Well No 18 | | | | | | | | | | | | |
| Location of | Well:Unit Letter_ | F Sec 14 | _twp_ <u>261</u> | Rge 3W | API#30-0 <u>39-2741</u> | 2 | | | | | | |
| | NAME OF RESER | TYPE OF PROD. (Oil or Gas) | | METHOD OF PROD. (Flow or Art. Lift) | PROD.MEDIUM (Tbg. or Csg.) | | | | | | | |
| Upper Completion | GAVILAN Pict | JAS | | Flow | Tubiwa | | | | | | | |
| Lower Completion | Blayco Mera | Gas | | flor | Tubirg. | | | | | | | |
| PRE-FLOW SHUT-IN PRESSURE DATA | | | | | | | | | | | | |
| Upper Completion | Hour, date shut-in | Length of time shut-in | | SI press. Psig 220 psig Tha | Stabilized? (Yes or No) | | | | | | | |
| Lower Completion | Hour-date shut-in 10:30Am | | Length of time shut-in | | SI press. Psig 420 psig Tbg | Stabilized? (Yes or No) | | | | | | |
| FLOW TEST NO. 1 | | | | | | | | | | | | |
| | Commenced at (hour, date)* \\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \ | | | Zone producing | | | | | | | | |
| TIME (hour,date) | SINCE* | | | PROD. ZONI TEMP. | E KI | MARKS | | | | | | |
| 8:00 Am 9-9-43 9:00 Am 9:40 Am 9:00 Am | 24 Hcc 48 Hcc 72 Hcc | 230# The 165 231# The 126 | 7.0 | | I tilet to seperate | or Froze partially | | | | | | |
| 9-9-00 Am | 97 Hrs | 7115 TO 3 14 750 # Thg 291 750 # Thg 291 | v #Thy v #Thy | | | | | | | | | |
| Production rs | ate during test | 355W 16g | 19 | · | | | | | | | | |
| | | BOPD based o | on | Bbls. in | nHours | GravGOR | | | | | | |
| Gas: | | MCFP | D; Tested th | ıru (Orifice o | r Meter): | | | | | | | |
| ř | | MID-TE | ST SHUT-IN | I PRESSUR | E DATA | | | | | | | |
| Upper Completion | Hour, date shut-in | Length of time shut-in | | SI press psig | Stabilized? (Yes or No) | | | | | | | |
| Lower Completion | Hour, date shut-in | | Length of time shut-in | | SI press. psig | Stabilized? (Yes or No) | | | | | | |

FLOW TEST NO. 2

| Commence | d at (hour, date) | ** | Zone producing (Upper or Lowr): | | | | | | |
|---|------------------------|------------------------|---------------------------------|-------------------------|--------------|---------------|---------------------------------------|--|--|
| TIME (hour,date) | LAPSED TIME Since** | PRESS Upper Completion | | PROD. ZONE | REMARKS | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | · | | | | | | |
| | | | | | | | · | | |
| Production ra | ate during test | <u> </u> | <u> </u> | I | | | · · · · · · · · · · · · · · · · · · · | | |
| Oil: | BOPD based on | | | Bbls. inHoursGravGOR | | | | | |
| Gas: | | MC | FPD:Tested thru | (Orfice or Meter) |): | | | | |
| Remarks: | | | | | | | | | |
| I hereby cert | ify that the infor | mation herein co | ontained is true a | nd complete to the | ne best of m | ny knowledge. | | | |
| Approved | SEP 23 | 2003 19 | Operat | or Evergen Re | sources | Corp. | | | |
| New Mexico C | Dit Conservation [| Division | By | J. DAVE MOUL | TOYA | | | | |
| By Cha | le M | | 1 | ease Operat | , | | | | |
| Title DEPUTY OIL & GAS INSPECTOR, DIST. (38 | | | | Date_ Sept - 8th . 7003 | | | | | |

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

1. A packer leakage test shall be commenced on each multiply completed well within seven days after actual completion of the well, and annually thereafter as prescribed by the order authorizing the multiple completion. Such tests shall also be commenced on all multiple completions within seven days following recompletion and/or chemical or fracture treatment, and whenever remedial work has been done on a well during which the packer or the tubing have been disturbed. Tests shall also be taken at any time that communication is suspected or when requested by the Division.

- 2. At least 72 hours prior to the commencement of any packer leakage test, the operator shall notify the Division in writing of the exact time the test is to be commenced. Offset operators shall also be so notified.
- 3. The packer leakage test shall commence when both zones of the dual completion are shut-in for pressure stabilization. Both zones shall remain shut-in until the well-head pressure in each has stabilized, provided however, that they need not remain shut-in more than seven days.
- 4. For Flow Test No. 1, one zone of the dual completion shall be produced at the normal rate of production while the other zone remains shut-in. Such test shall be continued for seven days in the case of a gas well and for 24 hours in the case of an oil well. Note: if, on an initial packer leakage test, a gas well is being flowed to the atmosphere due to the lack

of a pipeline connection the flow period shall be three hours.

- 5. Following completion of Flow Test No. 1, the well shall again be shut-in, in accordance with Paragraph 3 above.
- 6. Flow Test No. 2 shall be conducted even though no leak was indicated during Flow Test No. 1. Procedure for Flow Test no. 2 is to be the same as for Flow Test No. 1 except

that the previously produced zone shall remain shut-in while the zone which was previously shut-in is produced.

- 7. Pressures for gas-zone tests must be measured on each zone with a deadweight pressure gauge at time intervals as follows: 3 hours tests: immediately prior to the beginning of each flow-period, at fifteen-minute intervals during the first hour thereof, and at hourly intervals thereafter, including one pressure measurement immediately prior to the beginning of each flow period, at least one time during each flow period (at approximately the midway point) and immediately prior to the conclusion of each flow period. Other pressures may be taken as desired, or may be requested on wells which have previously shown questionable test date.
- 24-hour oil zone tests: all pressures, throughout the entire test, shall be continuously measured and recorded with recording pressure gauges the accuracy of which must be checked at least twice, once at the beginning and once at the end of each test, with a deadweight pressure gauge. If a well is a gas-oil or an oil-gas dual completion, the recording gauge shall be required on the oil zone only, with deadweight pressures as required above being taken on the gas zone.
- 8. The result s of the above-described tests shall be filed in triplicate within 15 days after completion of the test. Tests shall be filed with the Aztec District Office of the New Mexico oil Conservation Division on northwest new Mexico packer leakage Test Form Revised 11-16-98 with all deadweight pressures indicated thereon as well as the flowing temperatures (gas zones only) and gravity and GOR (oil zones only).