## NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

Oil Conservation Division Aztec District Office 1000 Rio Brazos Road Aztec, NM 87410 (505)334-6178 FAX:(505)334-6170

## **BRADENHEAD TEST REPORT**

(Submit 2 copies to above address)

| Date of Test                              | 5/21/03      | Dugan Production Corp. |           |               | <u>/</u>        | _API#  | 30-045-29511    |         |           |   | _        |               |                 |
|---|--------------|------------------------|-----------|---------------|-----------------|--------|-----------------|---------|-----------|---|----------|---------------|-----------------|
| Property Name                             | PATRIOT      |                        | _Well No  | 90            | Location:       | Unit   | N               | Section | 27        | Township  | 26N      | _Range        | 13W             |
| Well Status(Shut-In or Producing)  Tubing |              |                        | 0         | /Intermediate |                 | -      | Casing          | 12      |           | Bradenhead                                      |          | _0_           | •               |
|   | OPEN BRAD    | ENHEAD AI              | ND INT    | ERMEDIA       | TE TO A         | TMOS   | PHERE           | INDIVIE | DUAL      | LY FOR  | 15 MIN   | UTES E        | ACH             |
|   | PRESSURES:   |                        |           |               |                 |        | BRADE           | NHEAD   |           | INTERME   | DIATE    |               |                 |
| TIME                                      | INTERMEDIATE | CASING                 | -         |               |                 |        | FLOWE           | D       |           | FLOWED  |          | _             |                 |
| 5 mintues                                 | 9            |                        | _         | Steady Flov   | ,               |        | <u> </u>        |         |           |   |          |               |                 |
| 10 minutes                                |              |                        | _         | Surges        |                 |        |                 |         |           |   |          | _             |                 |
| 15 minutes                                |              |                        | _         | Down to No    | thing           |        |                 |         |           |   |          | _             |                 |
| 20 minutes                                |              |                        | _         | Nothing       |                 |        | X               |         |           |   |          |               |                 |
| 25 minutes                                |              |                        | _         | Gas           |                 |        |                 |         |           |   |          | <u> </u>      |                 |
| 30 minutes                                | 0            |                        |           | Gas & Wate    | er              |        |                 |         |           |   |          | _             |                 |
|   |              | <del></del>            | -         | Water         |                 |        |                 |         |           |   |          | -             |                 |
|   |              |                        |           |               |                 |        |                 | <u></u> |           |   |          | -             |                 |
| <u>lf bradenh</u>                         | ead flowed v | vater, che             | ck all    | of the des    | <u>scriptio</u> | ns tha | <u>at apply</u> | y below | <u>/:</u> | 6   | 11.2     | 10/2          |                 |
|   | CLEAF        | R                      | _FRESH    | I             | _SALTY          |        | _SULFU          | R       | BLAC      | <u>κ / ( )                                 </u> | - J/Ja,  | 23            | 3/              |
| 5 MINUTE S                                | SHUT-IN      | BRADENHE               | <b>AD</b> |               | <del></del>     | INTER  | MEDIATE         |         |           | 12.5.3  | <u> </u> | <b>్ల</b> ్లి |                 |
| REMARKS:                                  |              |                        |           |               |                 |        |                 |         |           |   |          |               |                 |
|   |              |                        |           |               |                 |        |                 |         |           | 1   |          |               | a <sup>re</sup> |
|   |              |                        |           |               |                 |        |                 |         |           |   |          | alline .      |                 |
|   |              |                        |           |               |                 |        |                 |         |           |   | -        | _             |                 |
| Ву  |              | imms <                 | Finl      |               |                 | Witnes | s               |         |           | -   |          | _             |                 |
| 44  |              | Switcher               |           | -             | <u></u>         |        |                 |         |           |   |          | _             |                 |
|   |              | (Position)             |           |               |                 |        |                 |         |           |   |          |               |                 |