

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Minerals Cons. Division  
P.O. Box 1930  
Hobbs, NM 88241

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT-" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
**Matador Operating Company**

3. Address and Telephone No.  
 415 W. Wall, Ste. 1101 Midland, TX 79701

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 1650 FSL; 1650 FWL  
 Sec 21, T19S, R33E

5. Lease Designation and Serial No.  
**NM27570**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.  
**Diamante Federal "21" #1**

9. API Well No.  
**30-025-34445**

10. Field and Pool, or Exploratory Area  
**Gem Morrow**

11. County or Parish, State  
**Lea, NM**

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent <input checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input type="checkbox"/> Other _____ <input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

MIRUPU. RIH w/ 4 5/8" bit, csg scraper, 6 - 3 1/2" DC's on 2 7/8 tbg. Rabbit tbg while RIH w/2.313 gauge. Test csg and BOP to 2800 psi. Drill out DV Tool @ 10,483.82'. Reciprocate scraper through DV Tool a minimum of 10 times while rotating and 10 times while not rotating. Test DV tool, csg to 3000 psi. CIH w/bit to FC @ 13,673.70'. Drill out cement, FC and cement to 13,698' KB.

Circ hole w/FW containing 6% KCL & pkr fluid. Ran CBL from 13698 to 7400 across specific zones of interest. RIH w/TCP guns on 5 1/2" Halliburton PLS 10 pkr. Ran pkr assembly on 413 jts 2 7/8" L-80, 6.5# EUE 8rd tbg. Testing tbg above slips to 8000 psi. Set pkr @ 13,100'. Install wrap around and tree. Drop bar and perforate Morrow from 13,238-13,259' @ 6 spf. Place on production 10/16/98. RIH w/slickline tools on 10/18/98 to release guns. Guns released and drop to btm. Tag top of guns @ 13,605 SLM.

14. I hereby certify that the foregoing is true and correct

Signed Russ Mathis Title Russ Mathis - Production Manager

Date 10/27/98

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_  
 Conditions of approval, if any:

Date