

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N. M. Oil Cons. Division
1625 N. French Dr.
Hobbs, NM 88240

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM27570
2. Name of Operator Matador Operating Company		6. If Indian, Allottee or Tribe Name
3a. Address 310 W Wall, Ste 906 Midland, TX 79701	3b. Phone No. (include area code) 915-687-5955	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 21, T19S, R33E 1650' FSL & 1650' FWL		8. Well Name and No. Diamante Federal 21 #1
		9. API Well No. 30-025-34445
		10. Field and Pool, or Exploratory Area Gem; Wolfcamp, North
		11. County or Parish, State Lea County, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Recomplete to the Gem; Wolfcamp, North pool:

4/10/02 MIRU PU. NU BOP. Kill well. POH w/ Tbg

4/11/02 RU EL. Set Howco BWD Packer @ 13000' with blanking plug in RN Nipple.

4/12/02 RIH with Howco PLS Pkr and 270 jts. Tbg. Set packer at 11193'. EOT @ 11213'. Test Tbg, pkr @ 11193' and pkr with plug @ 13000' to 5000 psi. Plug @ 13000' holding ok.
Perforate wolfcamp from 11390' to 11410' 6 SPF, using 2" scallop gun loaded with 6.8 gram charges @ 60° phasing. (.25" EH, 24" penetration, 120 holes) Tbg. pressure increased from 0 to 1860 psi in 1 minute.

Place on production. 500 BOPD, 296 MCFD

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Russ Mathis

Title Production Manager

Signature

Russ Mathis

Date

4/22/02

APR 30 2002

CARY GOURLEY
PETROLEUM ENGINEER

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

2A MIPR

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JCS