

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. NM27570
2. Name of Operator Matador Operating Co	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. 310 W. Wall, Ste. 906 Midland, TX 79701	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1650 FSL; 1650 FWL Sec 21, T19S, R33E	8. Well Name and No. Diamante Fed "21" #1
	9. API Well No. 30-025-34445
	10. Field and Pool, or Exploratory Area Gem Morrow
	11. County or Parish, State Lea Co., NM

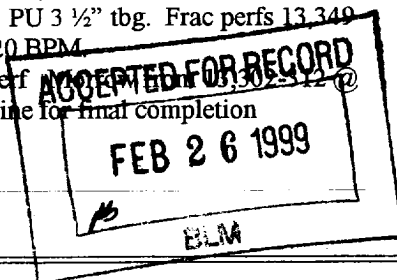
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<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.)

Flow test well until 10/26/98. Well depleted zone from 13,238-59. Perf Morrow from 13,570-80 @ 6spf w/Schlumberger 2 1/8" Enerjet. Flow test until 10/30/98. No increase from new perfs. Kill well. MIRU PU. POH w/tbg & pkr. Isolate perfs 13,238-59 and squeeze same w/60 sxs cement. Drill out CR & cement. Drill out cement. Set Howco BWB permanent pkr @ 13,550'. RIH w/419 jts 2 7/8" L-80 tbg and Howco PLS pkr. Set pkr @ 13,270'. Tree up test pkr, tbg and tree OK. Perf Morrow from 13,570-80' w/ 1" / 6" Pivot guns @ 4spf (40 holes). Acidize perfs 13,570-80' w/1000 gals 10% acetic acid containing 90% methanol and 24 bbl C02. No flow. Set plug in XN nipple in lower pkr assembly @ 13,557'. Test plug to 3100, OK. Perf Morrow from 13,510-20', 13,404-414', 13,365-378', 13,349-358', 13,420-26', all @ 6spf (291 holes). Acid w/5000 gal Mod 101 + C02. LD 2 7/8" tbg. PU 3 1/2" tbg. Frac perfs 13,349 - 13,520' w/50000 lbs 20/40 bauxite + 13,314 gals 20 lb Xlink Binary @ 20 BPM. Flow test well till 12/11/98. Pull 3 1/2" tbg. RIH w/2 7/8" tbg as before. Perf Morrow from 13,349-358' @ 4 jspf (40 holes) and 13,183-189 w/4spf (25 holes). Turn well down sales line for final completion 12/17/98.



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

Signed Russ Mathis Title Russ Mathis - Prod. Manager Date 2/9/99

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes 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.

*See Instruction on Reverse Side