

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. Oil  
P.O. Box  
Hobbs, NM 88401

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 Company	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. 8340 Meadow Rd., #158, Dallas, TX 75231, 214-987-7144	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1650 FNL, 1980 FEL Sec 28, T19S, R33E	8. Well Name and No. Topacio Federal 28 Com #1
	9. API Well No. 30-025-34522
	10. Field and Pool, or Exploratory Area Gem Morrow Gas
	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 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 <u>Completion</u>
	<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.)

3-24-99 Set BOP & test to 4000 psi.  
 3-25-99 Drill cmt.  
 3-26-99 Evaluate cement. Bond better than 60% across perforating intervals.  
 3-28-99 Perforated 13,301'-13,312', 13,318'-13,327', 13,380'-13,392', 13,406'-13,412', 6 SPF, 228 holes.  
 3-30-99 No pressure on tubing or casing. Isolate bottom perfs w/ cement retainer set @ 13,363'. Break down top perfs w/ 6% KCL @ .3 BPM @ 3950 psi. ISIP 3925, 5 min 3825, 10 min 3725 psi, 15 min 3675 psi. Flow back 4 bbls.  
 3-31-99 12 hr SI 1150 psi. Well flowed 1.25 bbls w/ no gas & was dead.  
 4-1-99 Dumped 10' cement on top of cement retainer. Perforated w/ 4" gun @ 13,270'-13,282' 4 JSPF, 48 holes.  
 4-2-99 Set PLS packer @ 13,259'. Swabbed well. No fluid entry, no gas shows.

See attached page

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

Signed John W. Bell Title John W. Bell, Drlg Mgr Date 5-4-99

(This space for Federal or State office use)

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

ACCEPTED FOR RECORD  
(ORIG. SGD.) DAVID R. GLASS  
MAY 13 1999

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

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Form 3160-5  
Topacio Federal 28 Com #1  
Submitted 5-4-99

Continued:

- 4-5-99 60 hr SI 65 psi. Acidized w/ 250 gal of methanol w/ 38 bbls of 6% KCL & surfactant. Pump 50 bbls of methanol & 6% KCL w/ 50 1.3 ball sealers after every 10 bbls. Total balls 250. Methanol on formation @ 2.3 BPM 5214 psi, increased rate to 3.25 BPM, pressure increased to 5434 psi, then broke back to 5380 psi, then increased w/ ball action to 5435 psi. ISIP 4580 psi, 5 min 4299 psi, 10 min 4177 psi, 15 min 4107 psi. Swabbed recover 128 bbl load. No gas shows.
- 4-10-99 Frac well w/ 65 Quality CO2 foam & WF240 system w/ 15% methanol & 20/40 Interprop. Est 40,000 lbs sand in formation. AIR total 13.0-14.2 BPM, ATP 9000-10,000 psi. Total load to rec, 334 bbl & 113 tons CO2.
- 4-13-99 14 hrs SI 450 psi. Gas flare w/ some CO2, no fluid recovery.
- 4-14-99 Set CIBP @ 13,265'. Dump 10' of cement on top of CIBP. PBTD 13,255'.
- 4-15-99 Perf from 13,212-20' & 13,234'-42' w/ 6 JSPF.
- 4-16-99 Pumped 10 bbls KCL down tbq, & 10 bbls 6% down csg. Well flowing on 48/64" choke. Est 250 MCFPD on 20/64" choke @ TP 200 psi, 54 BW, trace of condensate.

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