

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Designation and Serial No.  
NM94618

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE

1. Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.  
Topacio Federal 28 Com

2. Name of Operator  
Matador Operating Company

9. API Well No.  
30-025-34830

3. Address and Telephone No.  
310 W. Wall, Ste 906 Midland, TX 79701 915-687-5955

10. Field and Pool, or Exploratory Area  
Atoka

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1330' FSL 1980' FEL  
Sec. 28, T19S, R33E

11. County or Parish, State  
Lea County, NM

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

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

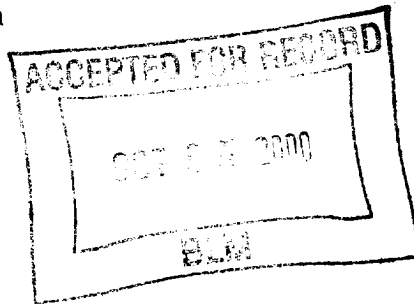
TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other \_\_\_\_\_
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- 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.)

Recompletion to the Atoka  
See attachment



(ORIG. SGD.) GARY GOURLEY

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

Signed Gary Gourley

Title Production Manager

Date 9/25/00

(This space for Federal or State office use)

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

Title \_\_\_\_\_

Date OCT 19 2000

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

2A Gem Morris

**Matador Operating Company**  
**Daily Completion/Workover Report - Recomplete to Atoka**

**Topacio Fed 28 Com #2**  
**Lea Co., NM**

**30-025-34830**

9/11/00 MIRU Basic (9/7/00). Pump 30 bbls 2% KCL down tubing to kill well. ND tree. NU BOP. Release packer. TOH with tubing and packer. RU Rotary wireline. TIH with 4.375" gauge ring/junk basket to 13,100' (casing clear). TOH with same. TIH with Howco 10K Easy Drill CIBP, CCL and wireline. Correlate and set CIBP at 13,060'. TOH with wireline and tools. TIH with bailer and wireline. Cap CIBP with 35' cement. New PBTD at 13,025'. TOH with same. RD Rotary. SDON.

9/12/00 Load casing with 55 bbls 2% KCL and packer fluid. Test casing and plug to 3000# for 10 minutes (good). Pick up and TIH with TCP assembly, packer and tubing. (Test profile nipples, spacing subs, packer, on/off tool, and one joint above packer together at 7000 psi. Test remainder of tubing to 9000# above slips.) RU Rotary wireline. TIH with gamma ray and CCL. Correlate marker sub at 12,506'. TOH. Add two full joints tubing for space out. Set packer at 12,550 in 28 points compression (est. after ported sub is opened). Guns positioned to perforate Atoka from 12782-12984. TIH with tools and wireline. Confirm depth. TOH with same. RD Rotary. SDON.

**Tubing Detail:**

394 jts	2-7/8" N- 80 EUE 8RD 6.5# tubing	12486.45
	Ditto tubing sub (marker)	10.19
1 joint	Ditto tubing	31.92
	On/off tool with 'X' nipple (2.313" profile)	1.98
	5-1/2" 20# x 2-7/8" Howco PLS packer	4.03
	Ditto tubing sub	10.19
	X nipple (2.313" profile)	1.21
	Ditto tubing subs	16.20
	XN nipple (2.313" profile - 2.205" no-go)	1.42
	Ditto tubing sub	12.20
	Bar vent	1.32
	Mechanical tubing release	1.59
5 joints	2 subs ditto tubing	178.70
	Extended firing head	4.60
	Guns loaded 4 SPF, 90 deg phase, 32 gram charges	12.00
	Bull plug	<u>2.67</u>
400 jts	total tubing and tools	12776.67
	KB correction	<u>20.00</u>
	End of guns - KB	12796.67

9/13/00 ND BOP. NU tree. Test well head connections to 5000 psi (good). Drop sleeve to open ported sub. Monitor casing to test packer (good). RU Cudd. Pressure tubing to 2500 psi with N2. (2% KCL fluid level at 12,000'). RU lubricator to drop firing bar. RD Cudd. Drop bar, fire perf guns. Pressure increases to 2650# during RD of bar lubricator. Open well to pit. Gas at surface in one hour. FTP 500# on 3/4 choke. Put on line at rate of 775 mcf/d. After 4-1/2 hours, rate at 1 mmcf/d with 500 psi on 3/4 choke. Line pressure at 500. Very little fluid. Left well on line. Will shift guns off 9/14/00. Note - am report 9/14/00: well flowed 12 BC + 3 BW in 18 hours. Flowrate at 8:00 am, 9/14/00 at 1.25 mmcf/d.

**Matador Operating Company**  
**Daily Completion/Workover Report - Recomplete to Atoka**

**Topacio Fed 28 Com #2**  
**Lea Co., NM**

**30-025-34830**

9/14/00 24 hr FTP - 500#, 16 BO, 3 BW. RD Basic Well Service. RU Pro Wireline. TIH with 2.25 shifting tool and wireline. Shift mechanical release at 12,597'. TIH to tag top of dropped TCP assembly at 12,835'. TOH with wireline and tools. RD Pro. 60 minute SITP - 1650#. Put on line.

9/15/00 3 oil, 1007 MCF, 0 water, 5500 tbg pressure  
 9/16/00 30 oil, 1280 MCF, 33 water, 500 tbg pressure  
 9/17/00 3 oil, 1472 MCF, 12 water, 500 tbg pressure  
 9/18/00 30 oil, 1483 MCF, 6 water, 500 tbg pressure

9/19/00 25 oil, 1471 MCF, 15 water, 500 tbg pressure  
**Gas Component Analysis - Date Sampled: 09/15/00**

		<u>Mol %</u>	<u>GPM</u>
Carbon Dioxide	CO2	0.8106	
Nitrogen	N2	1.4345	
Methane	C1	90.2686	
Ethane	C2	4.6410	1.2405
Propane	C3	1.5535	0.4277
Iso-Butane	IC4	0.2235	0.0731
Nor-Butane	NC4	0.4078	0.1286
Iso-Pentane	IC5	0.1209	0.0442
Nor-Pentane	NC5	0.1173	0.0425
Hexanes Plus	C6+	0.4223	0.1842
TOTAL		100.0000	2.1409

Remarks:  
 H2S on location: None detected

Pressure Base: 14.7300  
 Real BTU Dry: 1087.22  
 Real BTU Wet: 1068.30  
 Real Calc. Specific Gravity: 0.6315

9/20/00 25 oil, 1455 MCF, 15 water, 500 tbg pressure  
 9/21/00 22 oil, 1434 MCF, 9 water, 480 tbg pressure  
 9/22/00 22 oil, 1413 MCF, 6 water, 480 tbg pressure  
 9/23/00 22 oil, 1394 MCF, 18 water, 480 tbg pressure  
 9/24/00 22 oil, 1376 MCF, 11 water, 480 tbg pressure