

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Submit in Duplicate  
(See other instructions  
on reverse side)

FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.  
**NMSF078707**  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

**STARR #1R**

9. API WELL NO.

**30-045-31031**

10. FIELD AND POOL, OR WILDCAT

**BASIN DAKOTA**

11. SEC., T., R., M., OR BLOCK AND SURVEY  
OR AREA

**SEC. 13, T31N, R13W**

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG\***

1a. TYPE OF WELL: OIL ☐ GAS ☒ DRY ☐  
WELL WELL

b. TYPE OF COMPLETION:

NEW ☒ WORK ☐ DEEP- ☐ PLUG ☐ DIFF. ☐ OTHER ☐  
WELL OVER EN BACK RESVR

2. NAME OF OPERATOR

**PATINA OIL & GAS CORPORATION**

3. ADDRESS AND TELEPHONE NO.

**5802 HIGHWAY 64, FARMINGTON, NM 87401**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface **935' FSL & 680' FWL - UL "M"**

At top prod. interval reported below **Same**

At total depth **Same**

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR

PARISH **SAN JUAN**

13. STATE

**NEW MEXICO**

15. DATE SPUDDED

**1/5/2004**

16. DATE T.D. REACHED

**1/16/2004**

17. DATE COMPL. (Ready to prod.)

**3/31/2004**

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

**5767' GR**

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MM & JJJ

**6805'**

21. PLUG, BACK T.D., MD & TTT

**6755'**

22. IF MULTIPLE COMPL.,

HOW MANY?

23. INTERVALS

DRILLED BY

ROTARY TOOLS

**X**

CABLE TOOLS

24. PRODUCTION INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)

**6594' - 6696'**

25. WAS DIRECTIONAL

SURVEY MADE

**YES**

26. TYPE ELECTRIC AND OTHER LOGS RUN

**IND/GR/CAL/DEN/NEUT/CBL**

27. WAS WELL CORED

**NO**

28. **CASING RECORD** (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36# - STC	283'	12-1/4"	137sx Type III w/2% CaCl <sub>2</sub> , 1/4# cellophane	13 bbl
7"	23# - N80	4112'	8-3/4"	1st stage: 120sx Type III w/additives. 2nd: 600sx Type III POZ w/additives	61 bbl
4-1/2"	11.6# - N80	6805'	6-1/4"	340sx (87bbl) 50/50 POZ L Type III w/additives	Scavenger & 2 bbl POZ cmt

29. **LINER RECORD**

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. **TUBING RECORD**

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	6641'	

31. PERFORATION RECORD (Interval, size and number)

**6594 - 6602', 6612 - 6618', 6624 - 6628', 6633 - 6639',**

**6649 - 6654', 6656 - 6661', 6669 - 6696'**

**142 HOLES TOTAL**

**3-1/8" Casing gun w/120 degree phasing**

**PRODUCTION**

DATE FIRST PRODUCTION 4/9/04		PRODUCTION METHOD (Flowing, gas lift, pumping---size and type of pump) Flowing					WELL STATUS (Producing or shut-in) Shut-In	
DATE OF TEST 3/31/04	HR'S TESTED 4 hr	CHOKE SIZE .750	PROD'N FOR TEST PERIOD	OIL---BBL -0-	GAS---MCF 405	WATER---BBL trace	GAS-OIL RATIO n/a	
FLOW TUBING PRESS 21#	CSG PRESS 220#	CALCULATED 24-HOUR RATE		OIL---BBL -0-	GAS---MCF 2430	WATER---BBL trace	OIL GRAVITY-API (CORE.) n/a	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

**Vented**

TEST WITNESSED BY

**Daryl Wright**

35. LIST OF ATTACHMENTS

**Deviation Report**

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED

TITLE **PRODUCTION TECHNICIAN**

**FARMINGTON FIELD OFFICE**

DATE **April 1, 2004**

\*(See Instructions and Spaces for Additional Data on Reverse Side)

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.

**NMOCD**

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries).				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME STARR #1R	TOPS	
					MEAS. DEPTH	TRUE VERT. DEPTH
				OJO ALAMO	1250'	1250'
				KIRTLAND	1400'	1400'
				PICTURED CLIFFS	2090'	2090'
				CLIFF HOUSE	3700'	3700'
				MENEFEE	4030'	4030'
				POINT LOOKOUT	4430'	4430'
				GALLUP	5855'	5855'
				DAKOTA	6850'	6850'