

RCVD APR 24 '07

OIL CONS. DIV.

FORM APPROVED

OMB NO. 1004-0101

DIST. 3

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

Submit in Duplicate\*

(See other instructions

on reverse side)

5. LEASE DESIGNATION AND SERIAL NO. **SF-078463A**  
**14080017954**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

2: 58

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

**RIO BRAVO 27 #15**

9. API WELL NO.

**30-045-33706 00**

10. FIELD AND POOL, OR WILDCAT

**Basin Dakota / Basin Fruitland Coal**

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

OR AREA

**SEC. 27, T31N, R13W**

12. COUNTY OR PARISH

**San Juan County**

13. STATE

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

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

b. TYPE OF COMPLETION:  
NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF. ☐ OTHER ☐  
WELL OVER BACK RESVR

2. NAME OF OPERATOR

**PATINA OIL & GAS CORPORATION**

3. ADDRESS AND TELEPHONE NO.

**5802 HIGHWAY 64, FARMINGTON, NM 87401 (505) 632-8056**

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

At surface **500' FSL & 1800' FEL, UL "O"**At top prod. interval reported below **Same**At total depth **Same**

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

13. STATE

**San Juan County****NM**

15. DATE SPUDDED

16. DATE T.D. REACHED

17. DATE COMPL. (Ready to prod.)

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

19. ELEV. CASINGHEAD

**12/10/2006****12/20/2006****4/19/2007****5676'**

20. TOTAL DEPTH, MM &amp; JJJ

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

22. IF MULTIPLE COMPL.,

23. INTERVALS

ROTARY TOOLS

CABLE TOOLS

**6492'****6490'****HOW MANY? 2****DRILLED BY****X**

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

**6380' - 6486' BASIN DAKOTA**

25. WAS DIRECTIONAL SURVEY MADE

**YES**

26. TYPE ELECTRIC AND OTHER LOGS RUN

**IND/GR/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# J-55        | 334'           | 13-1/2"   | 300 sx                          | Circ 25 bbl to surface |
| 7"                | 23# N-80        | 4581'          | 8-3/4"    | 485 sx                          | Circ 37 bbl to surface |
| 4-1/2"            | 11.6# N-80      | 6483'          | 6-1/4"    | 150 sx, TOC @ 4200'             |                        |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|--------|----------------|-----------------|
|      |          |             |               |             | 2-3/8" | 6441'          | 2,075'          |

31. PERFORATION RECORD (Interval, size and number)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL (MD)  | AMOUNT AND KIND OF MATERIAL USED  |
|----------------------|---|
| <b>6380' - 6486'</b> | Acidize w/ 1,000 gal 12-1/2" acid, dropping 50 bio sealer balls. Foam frac w/ 65Q   |
|                      | 95,277# sand, 737,535 SCFM-N2, max psi: 3999, avg psi: 3720, max rate: 40 bpm,      |
|                      | avg rate: 38.9 bpm, ISIP: 3803 psi, 5 min: 1969 psi, 10 min: 2001 psi, 15 min: 2004 |
|                      | psi.  |

3-1/8" Casing Gun, 1 JSPF, 24 Total Shots

33. PRODUCTION

| DATE FIRST PRODUCTION |             | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                        |         |         |           | WELL STATUS (Producing or Shut-In) |
|-----------------------|-------------|--|------------------------|---------|---------|-----------|------------------------------------|
| ASAP                  |             | FLOWING  |                        |         |         |           | SHUT-IN                            |
| DATE OF TEST          | HR'S TESTED | CHOKE SIZE   | PROD'N FOR TEST PERIOD | OIL—BBL | GAS—MCF | WATER—BBL | GAS-OIL RATIO                      |
| 1/26/2007             | 3           | 0.875"   |                        | Trace   | 69      | 10        | N/A                                |
| FLOW TUBING PRESS     | CSG PRESS   | CALCULATED 24-HOUR RATE  |                        | OIL—BBL | GAS—MCF | WATER—BBL | OIL GRAVITY--API (CORE.)           |
| 20#                   | 210#        |  |                        | Trace   | 552     | 80        |                                    |

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

**VENTED**

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

**DEVIATION SURVEY**

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

SIGNED M. Martinez  
e-mail: mmartinez@nobleenergyinc.com

TITLE **REGULATORY ANALYST**

505-632-8056

DATE **APR 24 2007**

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

**FARMINGTON FIELD OFFICE****NMOCD**

# **RIO BRAVO 27 #15**

***API#: 30-045-33706***

**Estimated Formation Tops:**

|                           |                     |
|---------------------------|---------------------|
| Ojo Alamo                 | 715'                |
| Kirtland                  | 814'                |
| Fruitland                 | 1206'               |
| Pictured Cliffs           | 1810'               |
| Lewis                     | 1983'               |
| Cliffhouse                | 3376'               |
| Menefee                   | 3524'               |
| Point Lookout             | 4166'               |
| Mancos                    | 4504'               |
| Gallup                    | 5480'               |
| Greenhorn                 | 6221'               |
| Graneros                  | 6285'               |
| Dakota                    | 6347'               |
| <b><i>TOTAL DEPTH</i></b> | <b><i>6492'</i></b> |