

Submit 3 Copies To Appropriate District Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
May 27, 2004

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. <b>30-045-33583</b>
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No. <b>25016</b>
7. Lease Name or Unit Agreement Name <b>RIO BRAVO 27</b>
8. Well Number <b>#05</b>
9. OGRID Number <b>173252</b>
10. Pool name or Wildcat <b>Basin Dakota / Basin Fruitland Coal</b>

SUNDRY NOTICES AND REPORTS ON WELLS  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other

2. Name of Operator  
**PATINA SAN JUAN, INC.**

3. Address of Operator  
**5802 US Hwy 64, Farmington, NM 87401 (505) 632-8056**

4. Well Location

Unit Letter **E**: **1505** feet from the **NORTH** line and **1245** feet from the **WEST** line

Section **27** Township **31N** Range **13W** NMPM County **SAN JUAN**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
**5673'**

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type \_\_\_\_\_ Depth to Groundwater \_\_\_\_\_ Distance from nearest fresh water well \_\_\_\_\_ Distance from nearest surface water \_\_\_\_\_

Pit Liner Thickness: \_\_\_\_\_ mil Below-Grade Tank: Volume \_\_\_\_\_ bbls; Construction Material \_\_\_\_\_

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

OTHER: **Cement / Casing Report** ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

RCVD NOV28'06  
OIL CONS. DIV.

**PLEASE SEE ATTACHMENT**

DIST. 3

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOC guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Miranda Martinez TITLE REGULATORY ANALYST DATE 11/27/06

Type or print name: Miranda Martinez E-mail address: mmartinez@nobleenergyinc.com Telephone No.: 505-632-8056  
For State Use Only

APPROVED BY: H. Villanueva TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 3 DATE NOV 28 2006  
Conditions of Approval (if any):

## RIO BRAVO 27 #05

API#: 30-045-33583

1505' FNL – 1245' FWL, UL "E"

SEC. 27, T31N, R13W

- 10/02/06 Spudded well @ 14:30 hrs. Drill rat & 13-1/2" mouse hole.
- 10/03/06 Surface casing TD @ 336', hole size 13-1/2". Run 7 jts of 9-5/8", 13-1/2" hole size, 36#, J-55, ST&C csg, land @ 332'. RU BJ Services. **Cement casing as follows:** pump 10 bbls water ahead, cement w/ 300 sx Type III w/ 2% CaCl<sub>2</sub>, 1/4# cello flake at 15.2 ppg, 1.28 yield, drop plug. Displace w/ 22 bbls water, plug down @ 12:20 hrs 10/03/06, shut well in. Had full returns, *circulate 35 bbls good cement to surface.*
- 10/04/06 Pressure test BOP equipment as follows: test pipe rams, blind rams, floor vlv, Kelly vlv, kill line & choke manifold to 250 psi low (10 min), 2000 psi high (10 min). Test casing 1000 psi (30 min), all test good. Used third party tester and test plug.
- 10/09/06 Intermediate casing TD @ 4650', hole size 8-3/4".
- 10/10/06 Run 99 jts of 7", 8-3/4" hole size, 23#, N-80, LT&C csg, land @ 4640', depth of DV tool @ 2059'. **Cement 1<sup>st</sup> stage as follows:** pump 10 bbl water ahead, cement w/ 336 sx Premium lite w/ 1% KCl, 0.25# cello flake, 0.2% CD-32, 0.5% FL-52, 4# Pheno Seal mixed @ 12.5 ppg, 2.03 yield. Full returns, *circulate 25 bbl cement to surface.* Plug down @ 23:21 hrs 10/09/06. **Cement 2<sup>nd</sup> Stage as follows:** pump 11 bbl gel water ahead, cement w/ 65 sx Premium lite w/ 1% CaCl<sub>2</sub>, 0.25# cello flake, 5% LCM-1, 0.4% FL-52, 8% Bentonite, 0.4% sodium met. @ 12.1 ppg 2.1 yield for lead slurry, 140 sx Premium lite w/ 1% CaCl<sub>2</sub>, 0.25# cello flake, 0.5% FL-52 @ 12.5 ppg 2.15 yield for tail slurry. Drop plug @ 00:28 hrs 10/10/06, close DV tool, had full returns. *Circulate 25 bbl good cement to surface.* NDBOP.
- 10/11/06 Pressure test BOP equipment as follows: test pipe rams, Kelly vlv, kill line. Test casing to 1,500 psi (30 min).
- 10/19/06 Production casing TD @ 6675', hole size 6-1/4".
- 10/21/06 Run 166 jts of 4-1/2", 6-1/4" hole size, 11.6#, N-80, LT&C csg, land @ 6675', mag marker @ 5500' (wash through bridge @ 6300'). Circulate csg, RD crew, RU BJ Services. **Cement casing as follows:** pump 10 bbl water, 20 bbl chemical wash, 10 bbl water ahead, cement w/ 80 sx Premium Lite FM w/ additives @ 12.1 ppg, 2.10 yield for lead slurry, 80 sx Premium Lite HSFM w/ additives @ 12.5 ppg, 2.01 yield for tail slurry, wash pumps and line. Drop plug & displace w/ 103 bbl water (clay treat), plug down @ 12:00 hrs, 10/21/06, had full returns, no cement to surface. Had good lift pressure, float held. NDBOP. **TOC @ 4636' per CBL ran on 11/07/06.**
- 11/07/06 Pressure test casing to 5,000 psi for 30 min.