

Submit To Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, 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 Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505	Form C-105 Revised June 10, 2003 WELL API NO. 30-045-33982 5. Indicate Type of Lease STATE ☐ FEE ☒ State Oil & Gas Lease No: 25016
WELL COMPLETION OR RECOMPLETION REPORT AND LOG		
1a. Type of Well: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____ b. Type of Completion: NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF. WELL OVER BACK RESVR. ☐ OTHER		7. Lease Name or Unit Agreement Name RIO BRAVO 27
2. Name of Operator PATINA SAN JUAN, INC.		8. Well No. #12
3. Address of Operator 5802 US Hwy 64, Farmington, NM 87401 (505) 632-8056		9. Pool name or Wildcat Basin Dakota / Basin Fruitland Coal
4. Well Location Unit Letter L : 1995 Feet From The SOUTH Line and 1255 Feet From The WEST Line Section 27 Township T31N Range 13W NMPM SAN JUAN County RCVD FEB20'07 OIL CONS. DIV. DIST. 3		
10. Date Spudded 10/23/06	11. Date T.D. Reached 11/02/06	12. Date Compl. (Ready to Prod.) 2/16/2007
13. Elevations (DF& RKB, RT, GR, etc.) 5560' GL		14. Elev. Casinghead
15. Total Depth 6385'	16. Plug Back T.D. 6372'	17. If Multiple Compl. How Many Zones? 2
18. Intervals Drilled By		19. Rotary Tools YES
20. Cable Tools		21. Was Directional Survey Made YES NO
22. Producing Interval(s), of this completion - Top, Bottom, Name 1530' - 1682' BASIN FRUITLAND COAL		23. Was Well Cored NO
24. Type Electric and Other Logs Run GR/DEN/NEUT/CBL		
23. CASING RECORD (Report all strings set in well)		
CASING SIZE	WEIGHT LB./FT.	DEPTH SET
9-5/8"	36#, J-55	332'
7"	23#, N-80	4500'
4-1/2"	11.6#, N-80	6385'
25. LINER RECORD		26. TUBING RECORD
SIZE	TOP	BOTTOM
SACKS CEMENT	SCREEN	SIZE
DEPTH SET	PACKER SET	SIZE
2-3/8"	1741'	1980'
27. Perforation record (interval, size, and number) 1674' - 1682', 6 JSPF, 48 Shots, 0.4" Casing Gun 1576' - 1588', 4 JSPF, 48 Shots, 3-1/8" Casing Gun 1520' - 1530', 4 JSPF, 40 Shots, 3-1/8" Casing Gun 136 Total Shots		
28. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 1674' - 1682' Pump 31,225 gal Silverstim LT frac fluid, 552 sx 20/40 BASF, max BH rate 30.4 bpm, avg psi: 2138, max psi: 2435 1520' - 1588' Pump 63,596 gal Silverstim LT frac fluid, avg BH rate: 40 bpm, Avg psi: 1500, 1101 sx 20/40 BASF, max BH rate: 5.5 lb/gal		
28. PRODUCTION		
Date First Production ASAP	Production Method (Flowing, gas lift, pumping - Size and type pump) FLOWING	Well Status (Prod. or Shut-in) SHUT-IN
Date of Test 2/8/2007	Hours Tested 3	Choke Size .500"
Prod'n For Test Period	Oil - Bbl 0	Gas - MCF 20.8
Water - Bbl. 11	Gas - Oil Ratio N/A	Flow Tubing Press. 18#
Casing Pressure 145#	Calculated 24-Hour Rate	Oil - Bbl. 0
Gas - MCF 167	Water - Bbl. 88	Oil Gravity - API - (Corr.) N/A
29. Disposition of Gas (Sold, used for fuel, vented, etc.) VENTED		Test Witnessed By
30. List Attachments DEVIATION SURVEY		
31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief		
Signature 	Printed Name: Miranda Martinez	Title: Regulatory Analyst
E-mail Address: mmartinez@nobleenergyinc.com		Date: 02/20/07

B 2/20

RIO BRAVO 27 #12

API#: 30-045-33982

Estimated Formation Tops:

Ojo Alamo	601'
Kirtland	702'
Fruitland	1312'
Pictured Cliffs	1683'
Lewis	1870'
Cliffhouse	3267'
Menefee	3390'
Point Lookout	4055'
Mancos	4379'
Gallup	5598'
Greenhorn	6120'
Graneros	6183'
Dakota	6247'
<i>TOTAL DEPTH</i>	<i>6385'</i>