

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>30-039-22514</b>
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name <b>TRIBAL C</b>
8. Well Number <b>#4E</b>
9. OGRID Number <b>173252</b>
10. Pool name or Wildcat <b>BASIN DK/BLANCO MVA</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 HIGHWAY 64, FARMINGTON, NM 87401**

4. Well Location

Unit Letter **H** **1750** feet from the **NORTH** line and **900** feet from the **EAST** line  
Section **6** Township **26N** Range **3W** NMPM **RIO ARRIBA** County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
**7112'GR**

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type reserve Depth to Groundwater >100' Distance from nearest fresh water well >1000' Distance from nearest surface water >1000'

Pit Liner Thickness: 12 mil Below-Grade Tank: Volume        bbls; Construction Material reinforced polyethylene plastic

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: **COMMINGLE PRODUCTION** ☒

SUBSEQUENT REPORT OF:

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

OTHER: ☐

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.

**Patina San Juan Inc. proposes the downhole commingle of the Basin Dakota (pool #71599) and Blanco Mesa Verde (pool #72319) in this wellbore. Both of these pools are pre-approved under NMOCD Order #11563. This well will be commingled upon approval from the NMOCD in December, 2005.**



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 NMOCD guidelines, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE [Signature] TITLE **Regulatory/Engineering Technician** DATE **11/12/2005**

Type or print name  
**For State Use Only**

E-mail address:

Telephone No.

**DEPUTY OIL & GAS INSPECTOR, DIST. 3**

APPROVED BY: [Signature] TITLE       

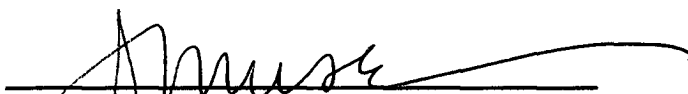
DATE **DEC 07 2005**

Conditions of Approval (if any):

## Statement of Notification- BLM

Tribal C #4E  
API 30-039-22514  
UL "H" Sec 6, T26N – R3W  
Rio Arriba County, New Mexico

The Bureau of Land Management has been sent copies of the commingling application form C-103 and form MMS 3160-5 for each of these wells.



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Jean M. Muse  
Regulatory/Engineering Technician  
Patina San Juan, Inc.

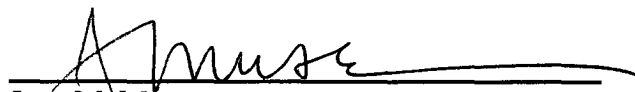
**Patina San Juan, Inc.**  
**5802 US Highway 64**  
**Farmington, NM 87401**

Tribal C #4E  
API 30-039-22514  
UL "H" Sec 6, T26N – R3W  
Rio Arriba County, New Mexico

Re: Application to Down-Hole Commingle

The commingling of the Basin Dakota and Blanco Mesa Verde pools in these wellbores will not reduce the value of the remaining production. Commingling these pools should increase the value of the remaining reserves due to using the remaining reservoir energy in both zones to produce the wells.

Commingling operations conducted on other similar wells have resulted in increased production rates and greater reserves than producing the zones separately.



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Jean M. Muse  
Regulatory/Engineering Technician  
Patina San Juan, Inc.

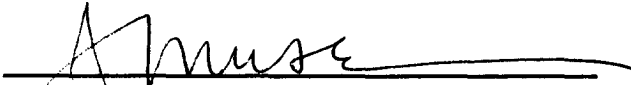
**Patina San Juan, Inc.**  
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Jean M. Muse  
Regulatory/Engineering Technician  
Patina San Juan, Inc.

## Recommended Allocation for Commingle

**Well: Tribal C #4E**

30-day average production based on Offset Well Performance  
(see attached decline curves)

<b>G a s</b>	<b>Zone</b>	<b>Average MCFD</b>	<b>Percentage of total flow</b>
	MV	55	59%
	DK	38	41%
	Total	93	100%

<b>O i l</b>	<b>Zone</b>	<b>Average BOPD</b>	<b>Percentage of total flow</b>
	MV	0.2	40%
	DK	0.3	60%
	Total	0.5	100%

Recommended allocation for future downhole commingled production

<b>Zone</b>	<b>Gas</b>	<b>Oil</b>
MV	59%	40%
DK	41%	60%
Total	100%	100%