

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-101  
Revised February 10, 1994  
Instructions on back

Submit to Appropriate District Office

State Lease - 6 Copies  
Fee Lease - 5 Copies

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV  
PO Box 2088, Santa Fe, NM 87504-2088

OIL CONSERVATION DIVISION  
PO BOX 2088  
Santa Fe, NM 87504-2088

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address Patina San Juan, Inc. c/o Walsh Engineering and Production Corp. 7415 E. Main St., Farmington, NM 87402 (505) 327-4892		OGRID Number 173252
Property Code 24059		API Number 30 - 0 45-32237
Property Name Montoya		Well No. 1C

Surface Location

UL or lot no. O	Section 35	Township 32N	Range 13W	Lot Idn	Feet from the 1180'	North/South Line South	Feet from the 1475'	East/West Line East	County San Juan
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Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
Proposed Pool 1 Blanco Mesa Verde					Proposed Pool 2 Basin Dakota				

Work Type Code N	Well Type Code G	Cable/Rotary R	Lease Type Code P	Ground Level Elevation 5840'
Multiple Yes	Proposed Depth 6950 +/-	Formation Dakota	Contractor NA	Spud Date June 2004

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/feet	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	9-5/8"	36#	250' +/-	140 (165 cu.ft.)	Surface
8-3/4"	7"	20#	4140' +/-	1108 c.ft. + 139 c.ft.	Surface
6-1/4"	4-1/2"	11.6#	6950' +/-	307 c.ft. + 196 c.ft.	4040'

Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Patina San Juan proposes to drill a vertical well at the above described location and test the Dakota & Mesa Verde. A 12-1/4" surface hole will be drilled to 250' where 9-5/8", 36# casing will set and cemented to surface with 140 sx (165 cu.ft.) of CI "B" with 1/4#/sk celloflake and 2% CaCl<sub>2</sub>. After WOC, a 2000 psi double ram preventer will be installed and pressure tested to 1500 psi. A 8-3/4" hole will be drilled to approximately 4140' with a fresh water polymer mud system. 7", 20# casing will be cemented to surface with 530 sx (1108 cu.ft.) and 100 sx (139 cu.ft.) of Type III cement with additives. A 6-1/4" hole will be drilled to TD with air. 4-1/2" casing will be cemented to 100' above the 7" shoe with 155 sx (307 cu.ft.) and 100 sx (196 cu.ft.) of CI "B" cement with additives. Induction/GR and Density logs will be run at TD. Formation Tops PC - 2160'; CH - 3771'; Men - 4041'; PL - 4490'; GH - 6589'; DK - 6685'. The well will connected to EPFS gathering system.

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: Paul C. Thompson  
Printed name: Paul C. Thompson, P.E.

Title: Agent

Date: 03/17/04

Phone: (505) 327-4892

OIL CONSERVATION DIVISION

Approved by:

Title: DEPUTY OIL & GAS INSPECTOR, DIST. 4

Approval Date: MAR 19 2004

Expiration Date: MAR 19 2005

Conditions of Approval

Attached ☐

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State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
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Santa Fe, NM 87504-2088

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Revised February 21, 1994  
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Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number <b>30-05-32237</b>		*Pool Code <b>72319 / 71599</b>	*Pool Name <b>BLANCO MESAVERDE / BASIN DAKOTA</b>
*Property Code <b>24059</b>	*Property Name <b>MONTOYA</b>		*Well Number <b>1C</b>
*OGRID No. <b>173252</b>	*Operator Name <b>PATINA SAN JUAN, INC.</b>		*Elevation <b>5840'</b>

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>0</b>	<b>35</b>	<b>32N</b>	<b>13W</b>		<b>1180</b>	<b>SOUTH</b>	<b>1475</b>	<b>EAST</b>	<b>SAN JUAN</b>

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

<sup>12</sup> Dedicated Acres <b>320.0 Acres - (E/2)</b>	<sup>13</sup> Joint or Infill <b>Y</b>	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<sup>16</sup> 1374.78'	1327.26'	2654.52'	<div><p><sup>17</sup> OPERATOR CERTIFICATION</p><p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p><p><u>Paul C. Thompson</u> Signature</p><p><u>Paul C. Thompson</u> Printed Name</p><p><u>AGENT</u> Title</p><p><u>3/17/04</u> Date</p></div> <div><p><sup>18</sup> SURVEYOR CERTIFICATION</p><p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p><p>Survey Date: <u>FEBRUARY 27, 2004</u></p><p>Signature and Seal of Professional Surveyor</p><div><p><b>JASON C. EDWARDS</b> NEW MEXICO 15269 REGISTERED PROFESSIONAL SURVEYOR</p></div><p><u>JASON C. EDWARDS</u> Certificate Number 15269</p></div>
2658.48'		2808.30'	
1323.30'	<b>35</b>	2611.62'	
1382.04'		1475'	
5278.68'			