

DATE IN 11/11/08	SUSPENSE	ENGINEER Brooks	LOGGED IN 11/11/08	TYPE NSL	APP NO. PKUR0801131146
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ABOVE THIS LINE FOR DIVISION USE ONLY

**NEW MEXICO OIL CONSERVATION DIVISION**  
- Engineering Bureau -  
1220 South St. Francis Drive, Santa Fe, NM 87505



Williams Production  
Company, LLC  
Rosa Unit #80B

**ADMINISTRATIVE APPLICATION CHECKLIST**

5777

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

**Application Acronyms:**

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]  
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]  
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]  
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]  
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]  
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]

- [A] Location - Spacing Unit - Simultaneous Dedication  
☒ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

- [B] Commingling - Storage - Measurement  
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

- [D] Other: Specify \_\_\_\_\_

[2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply

- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners  
[B] ☐ Offset Operators, Leaseholders or Surface Owner  
[C] ☐ Application is One Which Requires Published Legal Notice  
[D] ☐ Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office  
[E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,  
[F] ☐ Waivers are Attached

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Heather Riley  
Print or Type Name

Heather Riley  
Signature

Regulatory Specialist 11/11/08  
Title Date

heather.riley@williams.com  
e-mail Address

RECEIVED  
2008 JAN 11 AM 8 20

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 & Natural Resources Department

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

Form C-102  
Revised October 12, 2005  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

### WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number		*Pool Code 72319 / 71599	*Pool Name BLANCO MESAVERDE / BASIN DAKOTA
*Property Code 17033	*Property Name ROSA UNIT		*Well Number 80B
*OGRID No. 120782	*Operator Name WILLIAMS PRODUCTION COMPANY		*Elevation 6298'

#### <sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idh	Feet from the	North/South line	Feet from the	East/West line	County
E	8	31N	5W		1565	NORTH	835	WEST	RIO ARriba

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

UL or lot no.	Section	Township	Range	Lot Idh	Feet from the	North/South line	Feet from the	East/West line	County
D	8	31N	5W		660	NORTH	750	WEST	RIO ARriba

<sup>12</sup> Dedicated Acres	320.0 Acres (W/2) - MV	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
	320.0 Acres (N/2) - DK			

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

<p><sup>16</sup></p> <p>5276.04'</p> <p>LEASE SF-078767</p> <p>5280.00'</p> <p>8</p> <p>5276.04'</p> <p>LEASE SF-078763</p> <p>660'</p> <p>1565'</p> <p>835'</p> <p>750'</p> <p>N 05° 41.1' W</p> <p>907.9'</p> <p>SURFACE LOCATION</p> <p>LAT: 36.91696° N</p> <p>LONG: 107.39189° W</p> <p>DATUM: NAD83</p>	<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, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom-hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Larry Higgins</i> 8-8-07</p> <p>Signature Date</p> <p>LARRY HIGGINS</p> <p>Printed Name</p> <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>Date of Survey: APRIL 26, 2006</p> <p>Signature and Seal of Professional Surveyor</p> <p> JASON C. EDWARDS Certificate Number 15269</p>
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**ROSA UNIT #80B  
BLANCO MV/BASIN DK**

Spud: 09/22/07

Completed: 11/30/07

1<sup>st</sup> Delivery: 12/00/07

Surface Location:

1565' FNL and 835' FWL  
SW/4 NW/4 Sec 08(E), T31N, R05W  
Rio Arriba, NM

Bottom Hole Location:

590' FNL and 737' FWL  
NW/4 NW/4 Sec 08(D), T31N, R05W  
Rio Arriba, NM

Elevation 6298' GR 6312' KB  
API # 30-039-30184

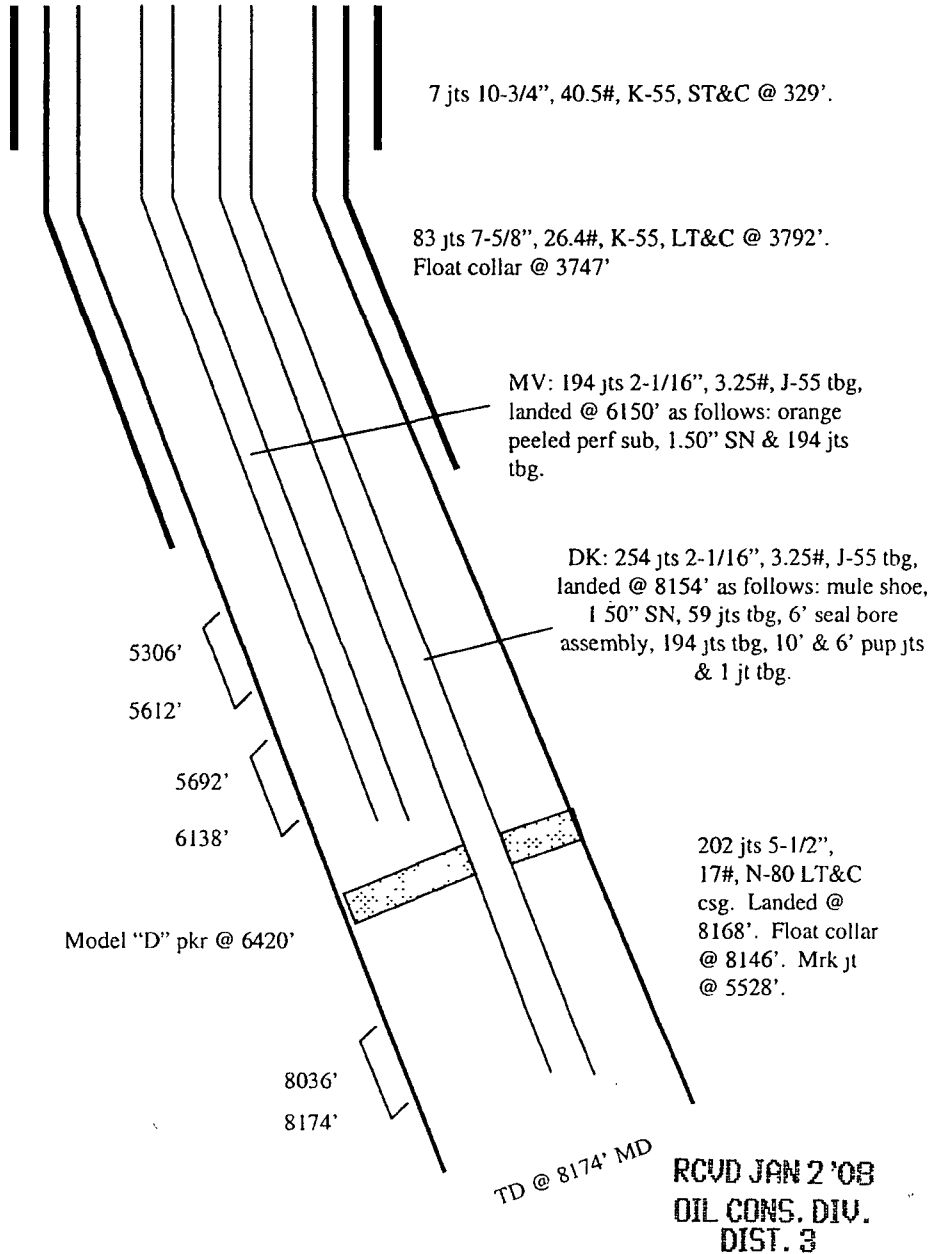
Top	MD Depth
Pictured Cliffs	3458'
Lewis	3675'
Cliffhouse Ss.	5515'
Menefee	5567'
Point Lookout	5758'
Mancos	6263'
Dakota	8034'

Stimulation:

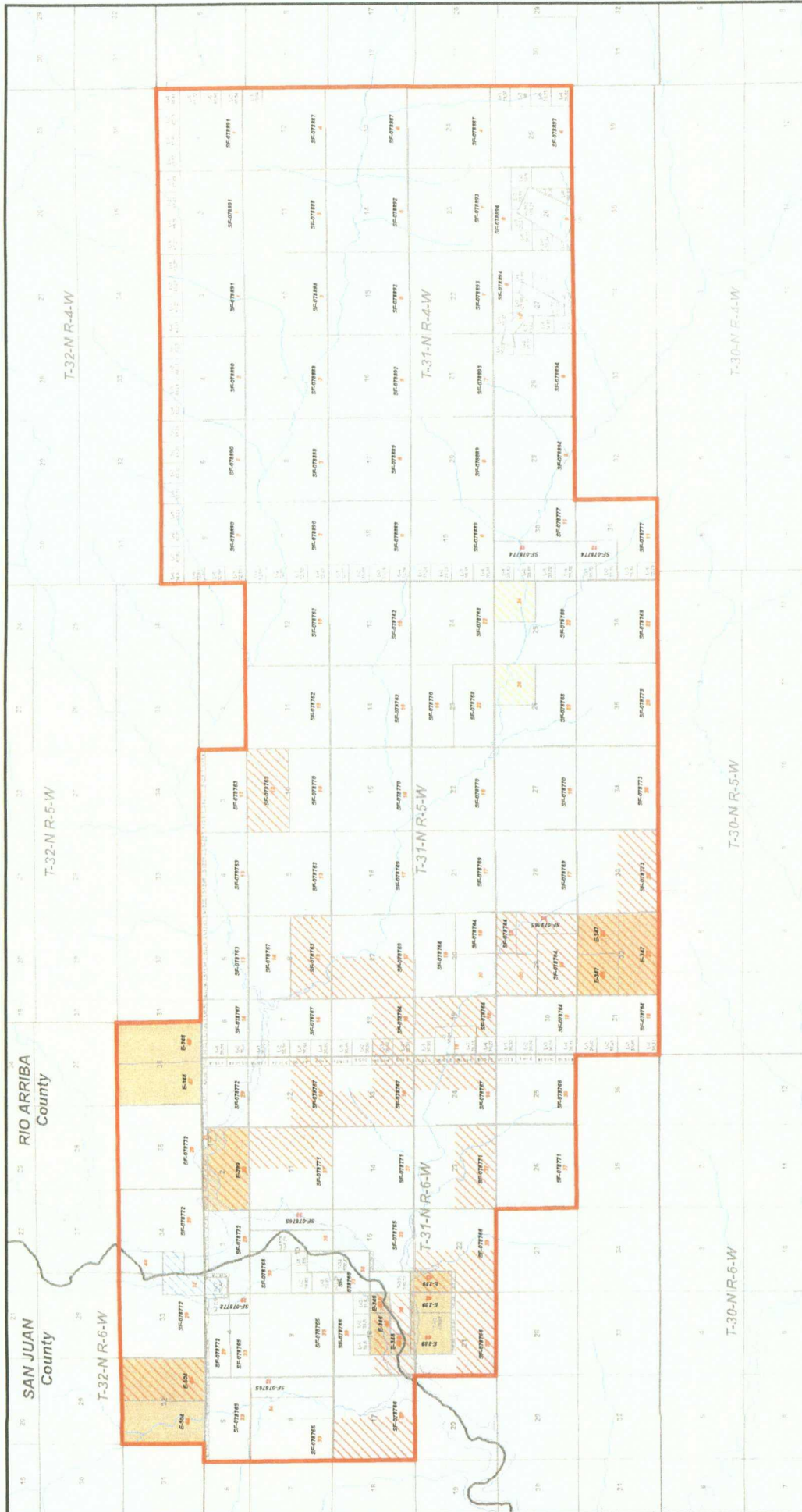
Cliffhouse/Menefee: 5306' - 5612' (55, 0 34" holes) Frac with 10,120# 14/30 LiteProp 125 followed w/ 3080# 20/40 brown sand

Point Lookout: 5692' - 6138' (64, 0.34" holes) Frac with 10,120# 14/30 LiteProp 125 followed w/ 3080# brown sand.

Dakota: 8036' - 8174' (153, 0 34" holes) Frac with 9261# Lite Prop 108 & 4450# SB-Excel.



Hole Size	Casing	Cement	Volume	Top of Cmt
14-3/4"	10-3/4", 40.5#	290 sxs	406 cu.ft.	Surface
9-7/8"	7-5/8", 26.4#	900 sxs	1828 cu.ft.	Surface
6-3/4"	5-1/2", 17#	210 sxs	452 cu.ft.	4040'



**Legend**

- Divided Participating Area 18th Expansion
- Mineral Ownership
- Federal
- Private
- Partially Committed
- State
- Not Committed

**Scale**

0 5,000 10,000 15,000 Feet

**Williams** Exploration & Production

**Rosa Unit**  
Dakota Formation  
San Juan and Rio Arriba Counties, New Mexico

**Rosa Unit Tract No. XX**

Scale: 1:72,000  
Date: 3/7/2007  
Author: SA





RECEIVED

2008 JAN 9 PM 2 10



P. O. Box 640  
Aztec, NM 87410  
(505) 634-4222  
(505) 634-4205 (fax)  
Heather.riley@williams.com

***SENT VIA OVERNIGHT DELIVERY***

January 8, 2008

Mark E. Fesmire  
NEW MEXICO OIL CONSERVATION DIVISION  
1220 South Saint Francis Drive  
Santa Fe, NM 87505

*Re: Request for Administrative Approval for Non-standard Dakota Location  
Rosa Unit #80B  
API # 3003930184  
NW4 Sec. 8, T31N, R5W  
590' FNL & 737' FWL*

Dear Mr. Fesmire:

Williams Production Co., LLC, is requesting administrative approval to construct the Rosa Unit #80B as a dual Mesaverde/Dakota with the Dakota being non-standard to the north. Pursuant to Order No. R-10987-B(2), spacing requirements allow for up to 4 Dakota wells in a standard GPU and they shall be located not closer than 660 feet to the outer boundary of the GPU and not closer than 10 feet to any interior quarter or quarter-quarter section line or subdivision inner boundary.

Williams has already been issued an APD for drilling a standard infill Mesaverde well by the BLM. A copy of the front page of the APD is enclosed for your review. Subsequently, a Sundry was approved by the BLM for the dual completion and changing the bottom hole location to 660' FNL and 750' FWL. A copy of the Sundry is also attached.

This well has been drilled and was completed on 11/30/07. A copy of the Well Bore Diagram is enclosed. As you can see, the actual bottom hole is 590' FNL and 737' FWL making this a non-standard location to the north by 70'.

As the Unit Operator of the Rosa Unit, Williams Production is the only offset operator, thereby this proposed non-standard location would not affect any other operators.

The offset unit's mineral and working interest ownership are common with the subject unit, and there are no unleased minerals, therefore there are no "affected persons."

Mark E. Fesmire  
January 8, 2008  
Page 2 of 2

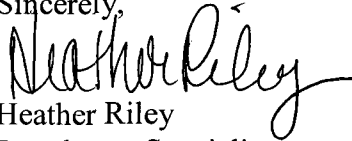
Enclosed for your reference are copies of the Participating Area maps for the Mesaverde and Dakota Formations. As you can see, the north half of section 8 and all of section 5 is in the PA for the Mesaverde Formation. Neither of those areas is in the PA for the Dakota formation.

The spacing unit for the Mesaverde is the west half and the other Mesaverde wells in the spacing unit are the Rosa Unit #80, #80A, and the #80C.

The spacing unit for the Dakota is the north half and the only other Dakota well in the spacing unit is the Rosa Unit #53.

Should you have any questions or concerns, please don't hesitate to contact me at the phone numbers listed above. You can also contact Vern Hansen at our Tulsa office at (918) 573-6169.

Sincerely,

A handwritten signature in black ink, appearing to read "Heather Riley", with a stylized, cursive script.

Heather Riley  
Regulatory Specialist

Enc.: 1<sup>st</sup> page of the APD  
Plat  
Sundry  
Wellbore Diagram  
PA Maps (MV & DK)

Copy: Rig

SIGN  
8-21-07

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED  
OMB No. 1004-0136  
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. NMSF-078767
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		76. Indian, Allottee or Tribe Name
2. Name of Operator Williams Production Company, LLC		7. If Unit or CA Agreement, Name and No. Rosa Unit
3a. Address P.O. Box 640 Aztec, NM 87410	3b. Phone No. (include area code) (505) 634-4208	8. Lease Name and Well No. 80B
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface 1565' FNL & 835' FWL At proposed prod. zone 1565' FNL & 330' FWL		9. API Well No. 30-039-30184
14. Distance in miles and direction from nearest town or post office* approximately 34 miles northeast of Blanco, New Mexico		10. Field and Pool, or Exploratory Blanco Mesaverde / DK
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 330'	16. No. of Acres in lease 2,518.040	11. Sec., T., R., M., or Blk. and Survey or Area Section 8, 31N, 5W
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 75'	19. Proposed Depth 6,103'	12. County or Parish Rio Arriba
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6,298' GR	22. Approximate date work will start* April 1, 2007	13. State NM
20. BLM/BIA Bond No. on file UT0847		17. Spacing Unit dedicated to this well 320.0 - (W/2)
23. Estimated duration 1 month		
24. Attachments		

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature <i>Larry Higgins</i>	Name (Printed/Typed) Larry Higgins	Date 1-31-07
Title Drilling COM		
Approved by (Signature) <i>[Signature]</i>	Name (Printed/Typed) AFM	Date 2/27/07
Title AFM	Office FFO	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

Williams Exploration and Production Company, LLC, proposes to develop the Blanco Mesaverde formation at the above described location in accordance with the attached drilling and surface use plans.

The well pad surface is under jurisdiction of the BLM, Farmington Field Office.

This location has been archaeologically surveyed by La Plata Archaeological Consultants. Copies of their report have been submitted directly to the BLM and NMGF.

No access road is needed, as this is a twinned location. A pipeline tie of 237.4 feet would be required for this location. The pipeline would be located on Public lands.

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4



District I,  
PO Box 1980, Hobbs, NM 88241-1980

District II,  
PO 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

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

PO Box 20887 JAN 31 AM 7:10  
Santa Fe, NM 87504-2088

Form C-102

Revised February 21, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

RECEIVED

210545

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number		*Pool Code 72319	*Pool Name BLANCO MESAVERDE
*Property Code 17033	*Property Name ROSA UNIT		*Well Number 80B
*OGRID No. 120782	*Operator Name WILLIAMS PRODUCTION COMPANY		*Elevation 6298'

<sup>10</sup> Surface Location

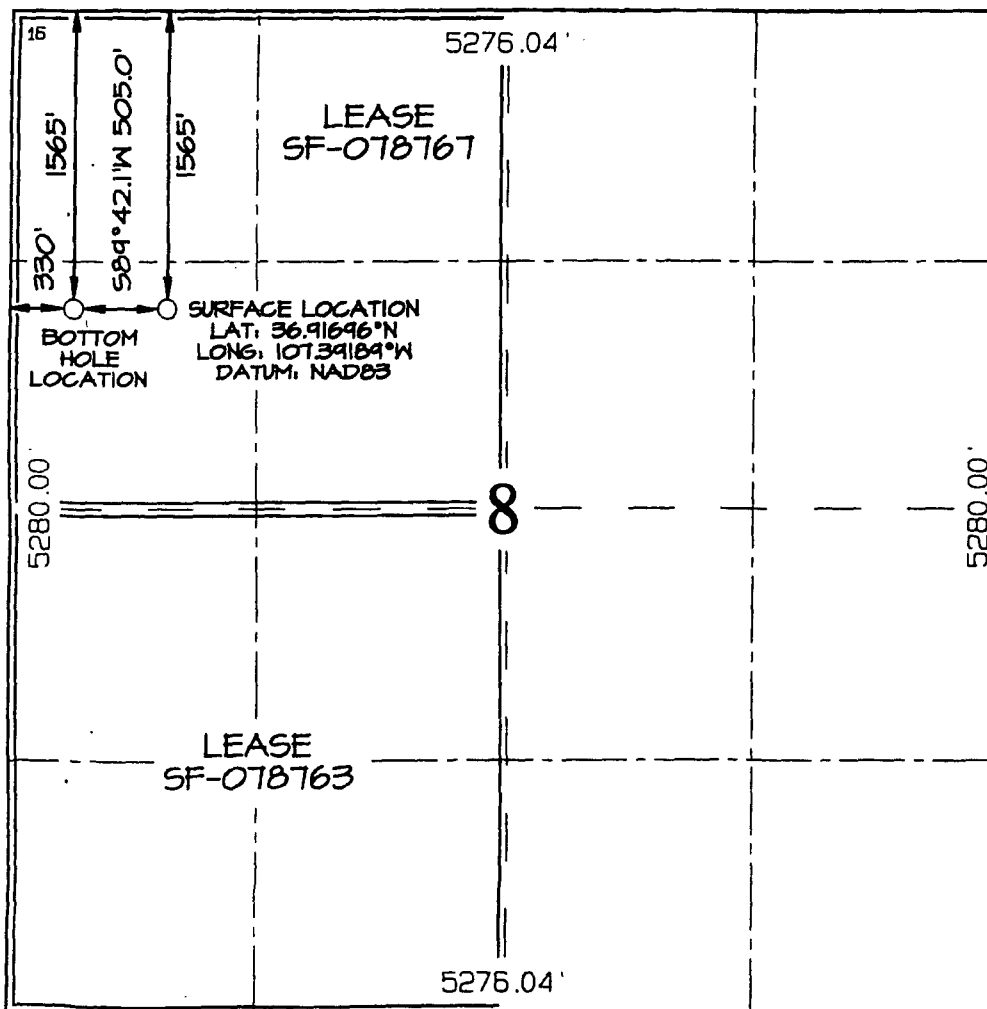

UL or lot no. E	Section 8	Township 31N	Range 5W	Lot Idn	Feet from the 1565	North/South line NORTH	Feet from the 835	East/West line WEST	County RIO ARriba
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<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no. E	Section 8	Township 31N	Range 5W	Lot Idn	Feet from the 1565	North/South line NORTH	Feet from the 330	East/West line WEST	County RIO ARriba
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<sup>12</sup> Dedicated Acres 320.0 Acres - (W/2)					<sup>13</sup> Joint or Infill	<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

	<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><i>Jason C. Edwards</i> Signature</p> <p><i>Jason C. Edwards</i> Printed Name</p> <p><i>DRILLING COM</i> Title</p> <p><i>1-31-07</i> Date</p>
	<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>Date of Survey: APRIL 26, 2006</p> <p>Signature and Seal of Professional Surveyor</p> <p></p> <p><i>JASON C. EDWARDS</i> Certificate Number 15269</p>

In Lieu of  
Form 3160  
(June 1990)

O:TR  
C:file  
C:NCL  
C:Rig

UNITED STATES  
DEPARTMENT OF INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICE AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION TO DRILL" for permit for such proposals

5. Lease Designation and Serial No.  
PM 3: 57 MSF-078767

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation  
Rosa Unit

SUBMIT IN TRIPLICATE

1. Type of Well  
Oil Well Gas Well X Other

8. Well Name and No.  
Rosa Unit #80B

2. Name of Operator  
WILLIAMS PRODUCTION COMPANY

9. API Well No.  
30-039-30184

3. Address and Telephone No.  
PO Box 640 Aztec, NM 87410-0640

10. Field and Pool, or Exploratory Area  
BLANCO MV/BASIN DK

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
BHL 660' FNL & 750' FWL Sec. 8, T31, R5 NMPM SHL: 1565' FNL + 835' FWL

11. County or Parish, State  
Rio Arriba, New Mexico

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent  
X Subsequent Report  
Final Abandonment

Abandonment  
Recompletion  
Plugging Back  
Casing Repair  
Altering Casing  
X Other Multiple zone completion

Change of Plans  
New Construction  
Non-Routine Fracturing  
Water Shut-Off  
Conversion to Injection  
Dispose Water  
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

14. Williams Production Company, LLC. hereby requests authority to drill this as a Mesa Verde/Dakota dual and change the bottom hole location from 1565 FNL & 330 FWL, sec 8, T31N, R5W to 660 FNL & 750 FWL, sec 8, T31N, R5W as per attached plat, directional plan and operations plan. The surface location will remain the same.

14. I hereby certify that the foregoing is true and correct

Signed

Larry Higgins

Title Drilling C.O.M.

Date 8-8-07

(This space for Federal or State office use)

Approved by

Title

Petr. Eng

Date

8/14/07

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

OPERATOR