| DATE IN | 8/3/07 SUSPENS  | E BROKS   | LOGGED IN 8/6/07   | TYPE NSL   | APP NO. PTDSOT  | 21836666                            |
|---------|---|---|--|--|---|-------------------------------------|
|         | I   | ABOVE<br>NEW MEXICO OIL CON<br>- Engineeri<br>1220 South St. Francis Dr | ng Bureau -  |  | Will<br>Ros   | 2/836666<br>liams<br>5673<br>Al LOC |
|         |   | ADMINISTRATIVE  | APPLICATIO   | ON CHECK   | LIST  |                                     |
|         | cation Acronyms<br>[NSL-Non-Star<br>[DHC-Dowr<br>[PC-Po | idard Location] [NSP-Non-St<br>hole Commingling] [CTB-I                 | SSING AT THE DIVISION L<br>andard Proration U<br>.ease Commingling]<br>:-Lease Storage]  <br>[PMX-Pressure M<br>al] [IPI-Injection F | EVEL IN SANTA FE<br>nit] [SD-Simultar<br>[PLC-Pool/Le<br>[OLM-Off-Lease I<br>laintenance Exp<br>Pressure Increas | neous Dedication<br>ase Commingling<br>Measurement]<br>ansion]<br>se] | n]<br>9]                            |
| [1]     | -   | PLICATION - Check Those<br>Location - Spacing Unit - Si<br>NSL NSP      | Which Apply for [A]  | ]  |   | -                                   |
|         | Check<br>[B]  | One Only for [B] or [C]<br>Commingling - Storage - Mo                   | easurement<br>PLC PC   | ] ols 🗌 o  | DLM   | RE RUG                              |
| ``      | [C]   | Injection - Disposal - Pressu   | re Increase - Enhance<br>SWD 🗌 IPI [   |  | PPR C   |                                     |
|         | [D]   | Other: Specify  |  |  |   |                                     |
| [2]     | NOTIFICATI<br>[A]                                       | ON REQUIRED TO: - Chee<br>Working, Royalty or O                         | 11   | • /  | ot Apply  |                                     |
|         | [B]   | Offset Operators, Lease   | holders or Surface C   | wner   |   |                                     |
|         | [C]   | Application is One Wh   | ich Requires Publish   | ed Legal Notice  |   |                                     |
|         | [D]   | Notification and/or Cor<br>U.S. Bureau of Land Management -             | Commissioner of Public Lands,  | BLM or SLO<br>State Land Office  | ,   |                                     |
|         | [E]   | For all of the above, Pro   | oof of Notification or   | Publication is A   | ttached, and/or,  |                                     |
|         | [F]   | Waivers are Attached  |  |  |   |                                     |
| [3]     |   | CURATE AND COMPLET<br>TION INDICATED ABOV                               |  | REQUIRED TO  | O PROCESS TH  | IE TYPE                             |
| E 43    | CEDEUELO  |   |  |  |   |                                     |

[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: Stateme      | nt must be completed by an individual with | managerial and/or supervisory capa | icity.             |
|--------------------|--|------------------------------------|--------------------|
| Heather Riley      | plather Kiley                              | _ Kegulatay Sp                     | vialist 8/2/07     |
| Print or Type Name | Šignature J                                | Title                              | Date $(1)^{\circ}$ |
|                    |  | hpatherritele                      | Williams rom       |
|                    |  | e-mail Address                     |                    |



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

August 2, 2007

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 Mesaverde & Dakota Location Rosa Unit #168C API # (Not assigned yet) NE4 Sec. 28, T31N, R5W 1,275' FNL & 280' FEL

Dear Mr. Fesmire:

Williams Production Co., LLC, is requesting administrative approval to construct the Rosa Unit #168C as a dual Mesaverde/Dakota with both formations being non-standard. Pursuant to Order No. R-10987-A(1), spacing requirements allow for up to 4 Mesaverde 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. Additionally, 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 section line or subdivision inner boundary. Given these requirements, this location is non-standard to the east by 380 feet for both formations.

Williams intends to make the well a dual well thereby capturing the reserves from the Dakota with a single well bore. By itself the Dakota in this area is at best very marginal economically and a dual completion helps capture additional reserves from the Dakota that otherwise would not be able to be economically developed. Utilizing a single well bore for a dual completion would also negate the need for additional disturbance of another wellpad, road, and pipeline.

Mark E. Fesmire August 2, 2007 Page 2 of 2

The surface location was picked by considering drainage patterns from the offset Mesaverde wells. In particular, the drainage patterns we are trying to avoid are from the Rosa Unit #168A in the northeast of 28, the Rosa Unit #168 in the southeast of 28, the Rosa Unit #168B in the southeast of 28, the Rosa Unit 186 in the northwest of 27, and the Rosa Unit #132 in the southwest of 22. See drainage map.

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 working interest owners to the east are SMUD, BP and Williams which are common owners to the Mesaverde PA only in different percentages. No interested party letters were sent out.

The offset unit's mineral owners to the east are common with the subject unit therefore there are no "affected persons."

Enclosed for your reference are copies of the Participating Area maps for the Mesaverde and Dakota Formations. As you can see, the east half of section 28 is not in a PA, nor is the offset acreage for the Dakota formation. All of section 28 and the south half of section 27 are in a PA for the Mesaverde Formation.

The spacing unit for the Mesaverde is the east half and the other Mesaverde wells in the spacing unit are the Rosa Unit #168 and #168A. We are currently seeking a permit to drill for the #168B.

The spacing unit for the Dakota is the east half and there are no other Dakota wells in the spacing unit.

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. Heather Rilev

Regulatory Specialist

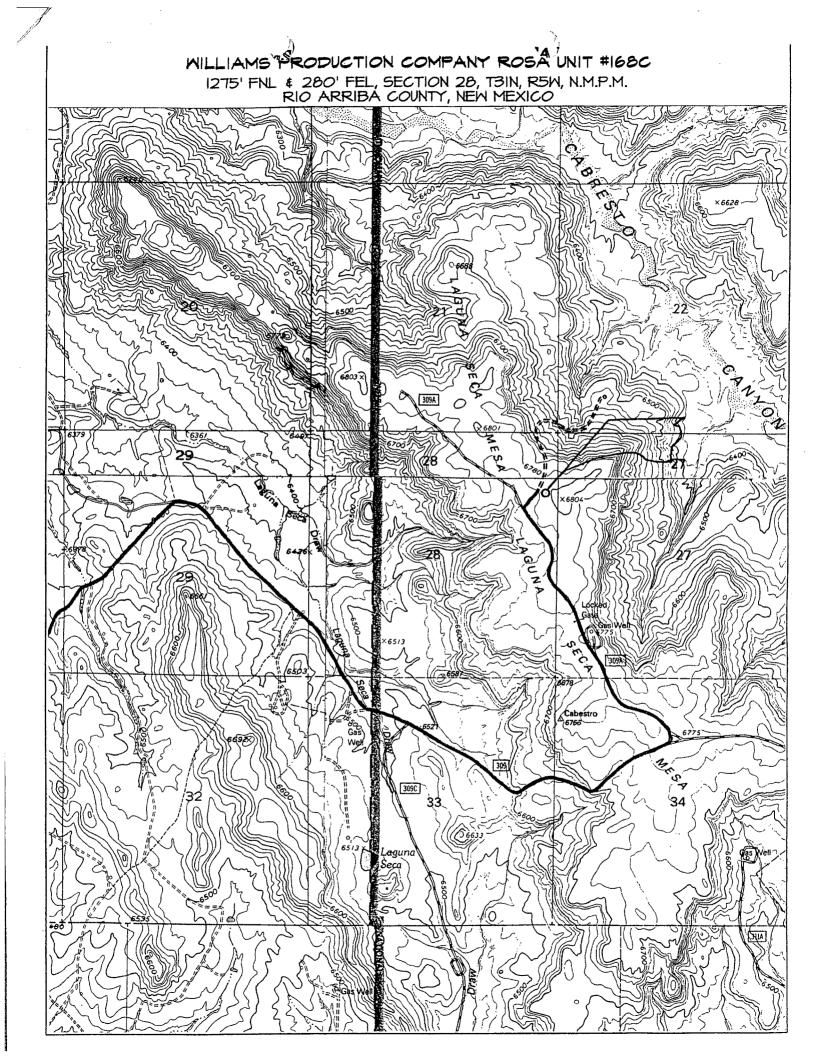
Enc.: Plat Topographic map Drainage Map PA Maps (MV & DK)

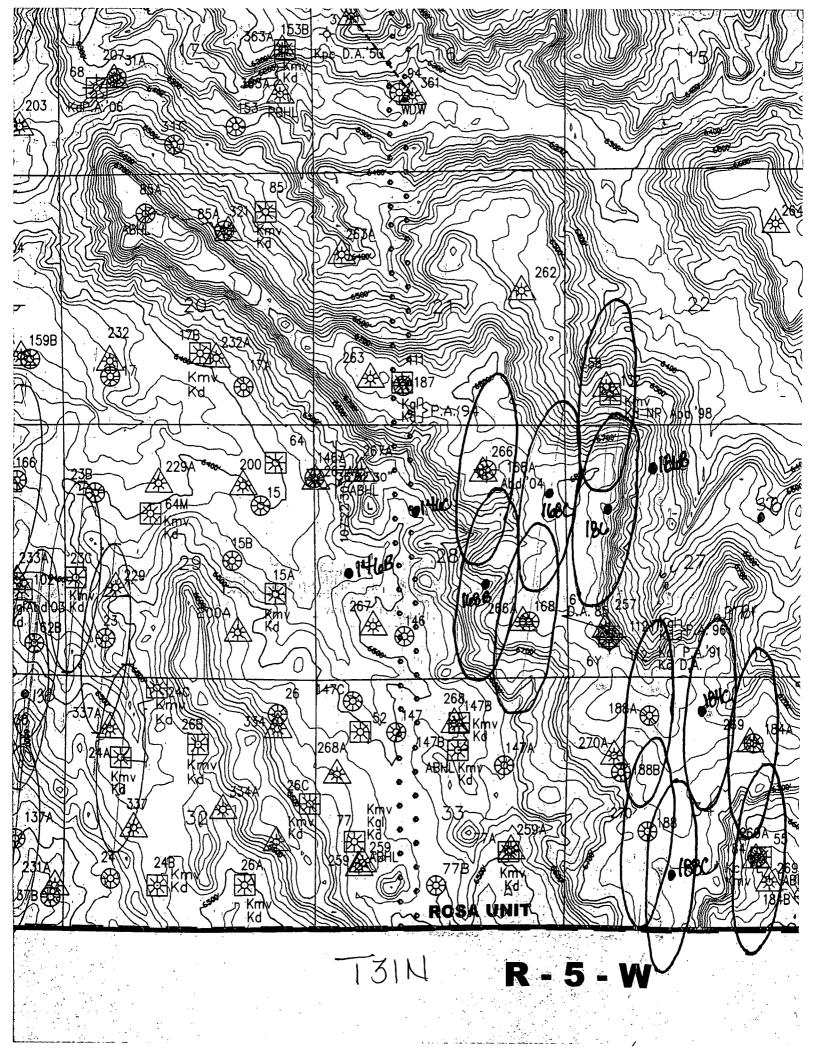
| District I<br>1625 N. French Dr., Hobbs, NM 88240       | State of New Mexico<br>Energy, Minerals & Natural Resources Department | Form C-102<br>Revised October 12, 2005                 |
|---|--|--|
| District II<br>1301 W. Grand Avenue, Artesia, NM 88210  |  | Instructions on back<br>to Appropriate District Office |
| District III<br>1000 Rio Brazos Rd., Aztec, NM 87410    | OIL CONSERVATION DIVISION<br>1220 South St. Francis Dr.                | State Lease - 4 Copies<br>Fee Lease - 3 Copies         |
| District IV<br>1220 S. St. Francis Dr. Santa Fe. NM 879 | Santa Fe, NM 87505<br>505  | AMENDED REPORT   |
|   |  | ٨Τ   |

# WELL LOCATION AND ACREAGE DEDICATION PLAT

| 'API Number                         | <sup>4</sup> API Number <sup>2</sup> Pool Code<br>72319 / 71599 |                     |                                    |   |                    | "Pool Name<br>BLANCO MESAVERDE / BASIN DAKOTA |   |  |  |  |
|-------------------------------------|---|---------------------|------------------------------------|---|--------------------|---|---|--|--|--|
| Property Code<br>17033              | · · · • • · • • • • • • • • • • •                               |                     | Property<br>ROSA (                 |   |                    |   |   |  |  |  |
| 'OGRID No.<br>120782                |   | WILLI               | <sup>°</sup> Operator<br>AMS PRODU | <sub>Name</sub><br>CTION COMPAN                   | <b>1</b> Y         |   | _   | levation<br>6793   |  |  |
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|                                     | <sup>11</sup> Bottom  |                     | ocation I                          |   |                    | om Surface                                    |   | ·  |  |  |
| UL or lat no. Section               | Township Range  | Lot Idn             | Feet from the                      | North/South line                                  | Fe                 | et from the East/H                            | Vest line   | County   |  |  |
| <sup>12</sup> Dedicated Acres 320.1 | 0 Acres - (E  | /2)                 | <sup>13</sup> Joint or Infill      | <sup>14</sup> Consolidation Code                  | <sup>15</sup> Orde | er No.  | г No.   |  |  |  |
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| s, New Mexico<br>83 State Plane NM | Rosa Unit<br>Dakota Formation<br>HRIo Arriba Counties, New Mexico<br>Projection: Nuo 1983 State Plane Min Med<br>Author: SA | Rosa Unit<br>Dakota Formation<br>San Juan and Rio Arriba Counties, New Mexico<br>Scale:1:72.000 Projection: Not rsts State Plane MM W<br>Date:3/7/2007 Author: SA  | L   |  |  | 12,000 Feet | 6.000  | 0            | 3,000                                    | б, 000        |   |             |              |                       |  | X  | Rosa Unit Tract No: XX   |
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|  | Rosa Unit<br>Mesaverde Formation<br>San Juan and Rio Arriba Counties, New Mexico | Exporation & Production  | 12                                      |                   | 35  | tantions   | <b>24-01862</b><br>24  | . series   | 21   | 1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1  | 36     | 3 8                            |
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From:Brooks, David K., EMNRDSent:Monday, August 20, 2007 5:30 PMTo:'Heather.riley@williams.com'Subject:NSL Application - Rosa Unit #168C

Dear Ms. Riley

If I correctly understand the representations in your letter application dated Aug 2, working interest owners in Section 27, which is the unit towards which the proposed location encroaches in both formations, own different percentages in that unit from their percentages in the MV PA. Since the N/2 of Section 27 is not now in the PA, it would seem that notice to these working interest owners would be required. Also, you have not indicated if working interest ownership in the Dakota, which is not in a PA, is identical between these two units. If it is not, notice would be required to Dakota WI owners in the adjacent unit in Section 27.

Please notify these parties of this application, and provide proof of notice, so that we can process your application.

Thanks

David K. Brooks Legal Examiner

From: Hansen, Vern (E&P) [Vern.Hansen@Williams.com]

Sent: Tuesday, August 21, 2007 2:04 PM

To: Brooks, David K., EMNRD

**Cc:** Riley, Heather (E&P)

Subject: FW: NSL Application - Rosa Unit #168C

Mr. Brooks,

Below is an explanation that I believe may clarify the NSL application for the Rosa Unit #168C Mesaverde and Dakota offset ownership. This well is coming up quickly on our drilling schedule, I believe in about two weeks. If it would speed things up I can get waivers faxed from SMUD and BP if the situation I have described below does not satisfy the rules. As I have indicated Both SMUD and BP, which are also the Sec. 27 offset owners, approved the drilling of this well.

Thanks, Vern Hansen Staff Landman Williams Production Company Phone # (918) 573-6169

From: Hansen, Vern (E&P)
Sent: Tuesday, August 21, 2007 11:10 AM
To: Riley, Heather (E&P)
Cc: Higgins, Larry (E&P); Winters, Lacey (E&P)
Subject: RE: NSL Application - Rosa Unit #168C

The offset owners, in the Mesaverde, of the N/2 of Sec of Section 27 are BP 50%, Smud 27%, and Williams 23%. These three owners are all common to the Mesaverde Participating area and are the majority owners. All three have approved the drilling of the Mesaverde side of this well. In the Dakota, the working interest is common. BP owns 100% of the working interest in the offsetting acreage and owns 100% working interest of the Dakota side of the #168C. BP has approved the drilling of the Dakota side of this well also. I will be happy to notify the parties if this is not sufficient.

Vern Hansen Staff Landman Williams Production Company Phone # (918) 573-6169

From: Riley, Heather (E&P)
Sent: Tuesday, August 21, 2007 9:15 AM
To: Hansen, Vern (E&P)
Cc: Higgins, Larry (E&P); Winters, Lacey (E&P)
Subject: FW: NSL Application - Rosa Unit #168C

Vern,

Can you respond to this please?

Heather Riley Regulatory Specialist Williams Production Co., LLC (505) 634-4222 (office)

8/21/2007

(970) 749-8747 (cell)

From: Brooks, David K., EMNRD [mailto:david.brooks@state.nm.us]
Sent: Monday, August 20, 2007 6:30 PM
To: Riley, Heather (E&P)
Subject: NSL Application - Rosa Unit #168C

Dear Ms. Riley

If I correctly understand the representations in your letter application dated Aug 2, working interest owners in Section 27, which is the unit towards which the proposed location encroaches in both formations, own different percentages in that unit from their percentages in the MV PA. Since the N/2 of Section 27 is not now in the PA, it would seem that notice to these working interest owners would be required. Also, you have not indicated if working interest ownership in the Dakota, which is not in a PA, is identical between these two units. If it is not, notice would be required to Dakota WI owners in the adjacent unit in Section 27.

Please notify these parties of this application, and provide proof of notice, so that we can process your application.

Thanks

David K. Brooks Legal Examiner

Confidentiality Notice: This e-mail, including all attachments is for the sole use of the intended recipient (s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure or distribution is prohibited unless specifically provided under the New Mexico Inspection of Public Records Act. If you are not the intended recipient, please contact the sender and destroy all copies of this message. -- This email has been scanned by the Sybari - Antigen Email System.

This inbound email has been scanned by the MessageLabs Email Security System.



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

August 2, 2007

 $\mathbf{y} \in \mathcal{N}_{\mathbf{y}}$ 

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 Mesaverde & Dakota Location Rosa Unit #168C API # (Not assigned yet) NE4 Sec. 28, T31N, R5W 1,275' FNL & 280' FEL

Dear Mr. Fesmire:

Williams Production Co., LLC, is requesting administrative approval to construct the Rosa Unit #168C as a dual Mesaverde/Dakota with both formations being non-standard. Pursuant to Order No. R-10987-A(1), spacing requirements allow for up to 4 Mesaverde 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. Additionally, 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 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. Given these requirements, this location is non-standard to the east by 380 feet for both formations.

Williams intends to make the well a dual well thereby capturing the reserves from the Dakota with a single well bore. By itself the Dakota in this area is at best very marginal economically and a dual completion helps capture additional reserves from the Dakota that otherwise would not be able to be economically developed. Utilizing a single well bore for a dual completion would also negate the need for additional disturbance of another wellpad, road, and pipeline.

Mark E. Fesmire August 2, 2007 Page 2 of 2

The surface location was picked by considering drainage patterns from the offset Mesaverde wells. In particular, the drainage patterns we are trying to avoid are from the Rosa Unit #168A in the northeast of 28, the Rosa Unit #168 in the southeast of 28, the Rosa Unit #168B in the southeast of 28, the Rosa Unit 186 in the northwest of 27, and the Rosa Unit #132 in the southwest of 22. See drainage map.

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 working interest owners to the east are SMUD, BP and Williams which are common owners to the Mesaverde PA only in different percentages. No interested party letters were sent out.

The offset unit's mineral owners to the east are common with the subject unit therefore there are no "affected persons."

Enclosed for your reference are copies of the Participating Area maps for the Mesaverde and Dakota Formations. As you can see, the east half of section 28 is not in a PA, nor is the offset acreage for the Dakota formation. All of section 28 and the south half of section 27 are in a PA for the Mesaverde Formation.

The spacing unit for the Mesaverde is the east half and the other Mesaverde wells in the spacing unit are the Rosa Unit #168 and #168Å. We are currently seeking a permit to drill for the #168B.

The spacing unit for the Dakota is the east half and there are no other Dakota wells in the spacing unit.

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,

Heather Riley Regulatory Specialist

Enc.: Plat

Topographic map Drainage Map PA Maps (MV & DK)

### Rosa Unit #168C Mesaverde/Dakota Formation Well Affected Interest Owners

.

BP America Production Co. Attn: John Larson P.O. Box 3092 Houston, TX 77253-3092 Fax # 281-366-7099

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\$``

SMUD Attn: Sandra Moorman P.O. Box 15830 Sacramento, CA 95852-1830 Fax # 916-732-6854



August 21, 2007

WILLOWS PRODUCTION COMPANY, LLC One Williams Concer RO. Box 3102 Tulsa, OK 74101-3102 918/573-6169

#### <u>Via Facimila Transmital and</u> CERTIFIED MAIL RETURN RECEIPT REQUESTED

#### AFFECTED INTEREST OWNER8

Re: Application of Williams Production Company, LLC for administrative approval of an unorthodox well location for its proposed Rosa Unit #168C Mesaverde/Dakota formation well to be drilled at a location 1275 feet from the North line and 280 feet from the East line of Section 28, Township 31 North, Range 5 West, N.M.P.M., Rio Arriba County, New Mexico.

Ladies and Gentlemen:

Enclosed is a copy of the above-referenced application which was filed with the New Mexico Oll Conservation Division on this August 2, 2007 by Williams Production Company, LLC for administrative approval of an unorthodox well location for its Rosa Unit #168C, to be drilled to the Meseverde and Dakota formations at a location 1275 feet from the North line and 280 feet from the East line of Section 28, Township 31 North, Range 5 West, N.M.P.M., Rio Arriba County, New Mexico. The E/2 of Sec.28, T31N, R6W, a standard 320-acre spacing unit for both the Mesaverde and Dakota formations is dedicated to the well.

As an owner of an interest that may be affected by the proposed well, you may object to this application. Objections must be filed in writing within twenty days from this date at the Division's Santa Fe office that is located at 1220 South Saint Francis Drive, Santa Fe, New Mexico 87506. If no objection is received within this twenty-day period, this application for an unorthodox well location may be approved.

You may also waive any objections to this Non-Standard Location by signing in the space below and returning a Faxed copy to me at (918) 573-1963. A copy of this waiver will be forwarded to the New Mexico Oil Conservation Division.

Enclosures

Sincer Hansen, CPL ém I

Staff Landman

The Undersigned hereby waives all objections to the Non-Standard Location of the Rose Unit #168C Mesaverde/Dakota formation well.

AMERICA PRODUCTION CO. Company: Date:

#### 2007-41g-21-03 C PW 9195731855 S Back of the second FROM



August 21, 2007

WILLIAMS PRODUCTION COMPANY, LLC One Williams Center P.O. Box 3102 Tulsa, OK 74101-3102 918/573-6169

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Enclosures

lansen.

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Company Date:

2/2



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WILLIAMS PRODUCTION COMPANY, LLC One Williams Center P.O. Box 3102 Tulsa, OK 74101-3102 918/573-6169

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Sincer M. Vern Hansen, CPL

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Company: \_\_\_\_\_

Ву: \_\_\_\_\_

Date:\_\_\_\_\_

From: Brooks, David K., EMNRD

Sent: Tuesday, August 21, 2007 4:12 PM

To: 'Hansen, Vern (E&P)'

Cc: Riley, Heather (E&P)

Subject: RE: NSL Application - Rosa Unit #168C

Mr. Hansen

This satisfies the requirement as to the Dakota. As to the Mesa Verde, you may either give notice, which will require 20 days, or, as you suggest, supply written waivers.

Thanks David K. Brooks Legal Examiner

From: Hansen, Vern (E&P) [mailto:Vern.Hansen@Williams.com]
Sent: Tuesday, August 21, 2007 2:04 PM
To: Brooks, David K., EMNRD
Cc: Riley, Heather (E&P)
Subject: FW: NSL Application - Rosa Unit #168C

Mr. Brooks,

Below is an explanation that I believe may clarify the NSL application for the Rosa Unit #168C Mesaverde and Dakota offset ownership. This well is coming up quickly on our drilling schedule, I believe in about two weeks. If it would speed things up I can get waivers faxed from SMUD and BP if the situation I have described below does not satisfy the rules. As I have indicated Both SMUD and BP, which are also the Sec. 27 offset owners, approved the drilling of this well.

Thanks, Vern Hansen Staff Landman Williams Production Company Phone # (918) 573-6169

From: Hansen, Vern (E&P)
Sent: Tuesday, August 21, 2007 11:10 AM
To: Riley, Heather (E&P)
Cc: Higgins, Larry (E&P); Winters, Lacey (E&P)
Subject: RE: NSL Application - Rosa Unit #168C

The offset owners, in the Mesaverde, of the N/2 of Sec of Section 27 are BP 50%, Smud 27%, and Williams 23%. These three owners are all common to the Mesaverde Participating area and are the majority owners. All three have approved the drilling of the Mesaverde side of this well. In the Dakota, the working interest is common. BP owns 100% of the working interest in the offsetting acreage and owns 100% working interest of the Dakota side of the #168C. BP has approved the drilling of the Dakota side of this well also. I will be happy to notify the parties if this is not sufficient.

Vern Hansen Staff Landman Williams Production Company Phone # (918) 573-6169

8/21/2007

From: Riley, Heather (E&P)
Sent: Tuesday, August 21, 2007 9:15 AM
To: Hansen, Vern (E&P)
Cc: Higgins, Larry (E&P); Winters, Lacey (E&P)
Subject: FW: NSL Application - Rosa Unit #168C

Vern,

Can you respond to this please?

Heather Riley Regulatory Specialist Williams Production Co., LLC (505) 634-4222 (office) (970) 749-8747 (cell)

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Sent: Monday, August 20, 2007 6:30 PM
To: Riley, Heather (E&P)
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| Hansen, Vern (E&P) [Vern.Hansen@Williams.com]   |
|---|
| Wednesday, August 22, 2007 12:07 PM   |
| Brooks, David K., EMNRD   |
| Riley, Heather (E&P)  |
| RE: NSL Application - Rosa Unit #168C   |
| Bizhub350F20070822135425.pdf; Bizhub350F20070822135407.pdf;<br>Bizhub350F20070822135829.pdf |
|   |

Mr. Brooks,

Attached in PDF format are signed waiver letters from the offset working interest owners for our NSL Application on the Rosa Unit #168C Mesaverde/ Dakota well. The third attachment is a copy of the full notice letter that was sent to these owners. Please let me know if you need anything further to process our application.

Thank you,

Vern Hansen Staff Landman Williams Production Company Phone # (918) 573-6169

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8/23/2007

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