

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



**ADMINISTRATIVE APPLICATION CHECKLIST**

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.

John C. Thompson  
Print or Type Name

[Signature]  
Signature

Engineer/Agent  
Title

4/16/02  
Date

WALSH2@cybernet.com  
e-mail Address

**WALSH**

ENGINEERING &amp; PRODUCTION CORP.

Petroleum Engineering Consulting  
Lease Management  
Contract Pumping7415 East Main  
Farmington, New Mexico 87402  
(505) 327-4892 • Fax: (505) 327-9834

**Ms. Lori Wrotenbery**  
**New Mexico Oil Conservation Division**  
**1220 South Saint Francis Drive**  
**Santa Fe, NM 87505**

April 16, 2002

(revised)

**Re: Request for Administrative approval for Non-Standard Dakota Location**  
**Rosa Unit 156B (Sec 9/T31N/R6W, 1660' fsl & 2625' fel, San Juan County, New Mexico)**

Dear Ms. Wrotenbery,

Williams Production Company, LLC is requesting an administrative approval to construct the Rosa 156B as a dual Mesaverde/Dakota with the Dakota being non-standard. Williams has filed for an APD for a dual Dakota/Mesaverde well with the Bureau of Land Management (Farmington Field Office).

Williams intends to make the well a dual well thereby capturing the reserves from the Dakota with a single well bore. Originally, the surface location was picked by considering drainage from the offset Mesaverde wells and topography/archeology constraints. In this case, Williams picked their surface location in an attempt to minimize Mesaverde drainage interference with offset wells.

Therefore, the reasons for requesting administrative approval for a non-standard location are:

1. The current location was picked by splitting the difference between the Rosa 180 to the southwest and the Rosa 156A to the east. (see attached map showing drainage patterns).
2. 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.
3. Utilizing a single well bore for a dual completion would also negate the need for additional disturbance of another well, ie. well pad, road, pipeline ROW, etc.

***The proposed Rosa 156B is not located within the boundaries of the existing Dakota Participating Area. However, all of the adjacent acreage that is being encroached upon is committed to the Rosa Unit. In support of this application, please find included a signed waiver from the offset Lessee.*** As the Unit Operator of the Rosa Unit, Williams Production Company, LLC is the **only** offset operator, thereby this proposed non-standard location would not affect any other operators.

Please find attached a drilling plat with topographical map showing location, drainage map and a portion of the unit map showing where the well is located within the unit.

If you have any questions or concerns, please feel free to contact me anytime.

Sincerely,

John C. Thompson  
Engineer

c:wpx/nsdk156b

*initial  
DK well*

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 2088  
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

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                     |   |   |
|-------------------------------------|---|---|
| <sup>1</sup> API Number             | <sup>2</sup> Pool Code<br>72319 - 71599                   | <sup>3</sup> Pool Name<br>Blanco Mesaverde - Basin Dakota |
| <sup>4</sup> Property Code<br>17033 | <sup>5</sup> Property Name<br>ROSA UNIT                   | <sup>6</sup> Well Number<br>1568                          |
| <sup>7</sup> OGRID No.<br>120782    | <sup>8</sup> Operator Name<br>WILLIAMS PRODUCTION COMPANY | <sup>9</sup> Elevation<br>6386'                           |

<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   |
| J             | 9       | 31N      | 6W    |         | 1660          | SOUTH            | 2625          | EAST           | SAN JUAN |

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

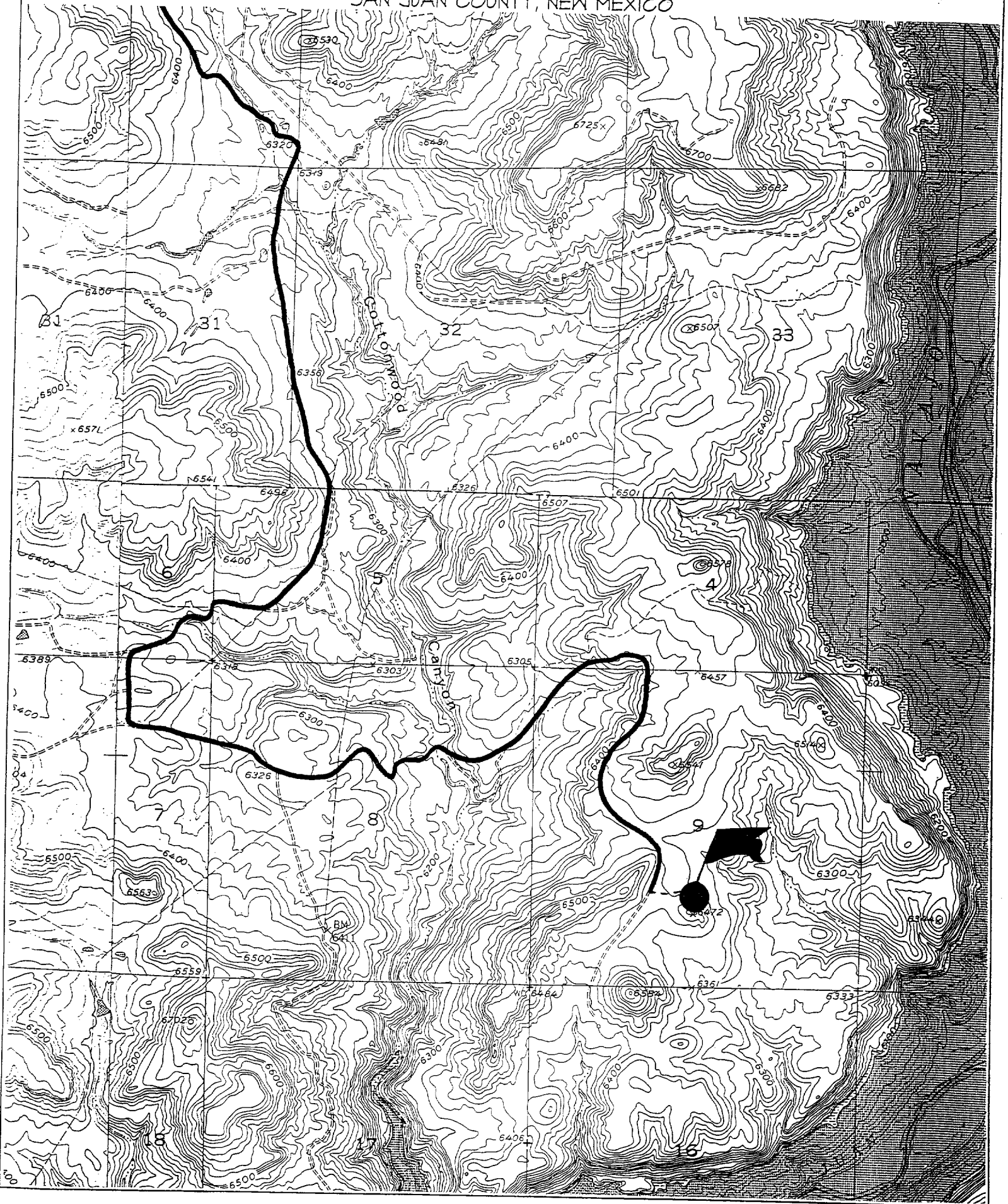
|               |         |          |       |         |               |                  |               |                |        |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| UL or lot no. | Section | Township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

|  |                               |                                  |                         |
|--|-------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br>320.0 Acres - (E/2) | <sup>13</sup> Joint or Infill | <sup>14</sup> Consolidation Code | <sup>15</sup> Order No. |
|--|-------------------------------|----------------------------------|-------------------------|

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> | <div><p>5270.76'</p><p>SF-078765</p><p>9</p><p>5280.00'</p><p>5277.35'</p><p>1660'</p><p>2625'</p></div> | <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><i>[Signature]</i></p><p>Signature<br/>John C. Thompson</p><p>Printed Name<br/>Agent/Engineer</p><p>Title<br/>3/4/02</p><p>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>Date of Survey: JULY 31, 2001</p><p>Signature and Seal of Professional Surveyor</p><div><p>JASON C. EDWARDS</p><p>NEW MEXICO</p><p>REGISTERED PROFESSIONAL SURVEYOR</p><p>15269</p></div><p><i>JASON C. EDWARDS</i></p><p>Certificate Number 15269</p></div> |
|---------------|--|--|

WILLIAMS PRODUCTION COMPANY RO. UNIT #156B  
1660' FSL 2625' FEL, SECTION 9, T31N, R67W, N.M.P.M.  
SAN JUAN COUNTY, NEW MEXICO





WATER CONT  
(6100' Above

60B

60A

Kmv  
Kd

21

75

R0605

180A

155

235

156

173

75

1/2  
AB

167B

167A

191

Kmv  
Kd



10885

167

PBHL



9

#156B

156A

105

75A

261



75  
51  
ABHL

234

180

121



KI  
Kmv

R145B

69

145A

435



Kd D.A. '80 Kpc  
Kmv

274

185

145

446

25A



Kml  
Kmv  
Kd

Kpc  
Kmv

25A

27

BH

208

142



Kpc  
Kmv



138

341

Kpc  
Kmv

Kmv  
Kd



BHL



Kmv  
Kd

K185B

185A

ABHL

34

16

6100'

CO.

CO.

185

ABHL

26

Kml  
Kmv  
Kd

|                   |                   |         |                   |            |   |
|-------------------|-------------------|---------|-------------------|------------|---|
| Post-It® Fax Note | 7671              | Date    | 4-16-02           | # of pages | 1 |
| To                | JOHN THOMPSON     | From    | BRYAN C. ANDERSON |            |   |
| Co./Dept.         | WELSH ENGINEERING | Co      | BP AMERICA        |            |   |
| Phone #           | - 4892            | Phone # | 281-346-0755      |            |   |
| Fax #             | 505-327-9834      | Fax #   | - 7099            |            |   |



Williams Production Co., LLC  
 One Williams Center  
 P. O. Box 3102  
 Tulsa, OK 74101  
 918/573-6169

April 16, 2002

Amoco Production Company  
 P. O. Box 3092  
 Houston, TX 77253-3092  
 Attn: Bryan Anderson

Re. Non-Standard Location Waiver  
 Proposed Rosa Unit #156B Dakota Formation  
 1660' FSL & 2625' FEL  
 E/2 of Sec.9, T31N, R6W  
 San Juan County, New Mexico

Dear Mr. Anderson:

Williams Production Company, as Rosa Unit Operator, plans to drill the Rosa Unit #156B Dakota formation well to be located 1660' FSL and 2625' FEL of Sec.9, T31N, R6W (East half of section 9 dedication). The proposed location constitutes a Non-Standard location for production from the Dakota formation under the rules and regulations of the New Mexico Oil Conservation Commission.

Williams Production respectfully requests that you as the Offsetting Lessee in the Dakota formation waive any and all objections to the Non-Standard location of the Rosa Unit #156B well by signing a copy of this letter in the space below and returning this waiver to the undersigned at your earliest convenience.

Very truly yours,

M. Vern Hansen, CPL  
 Staff Landman

Enclosure

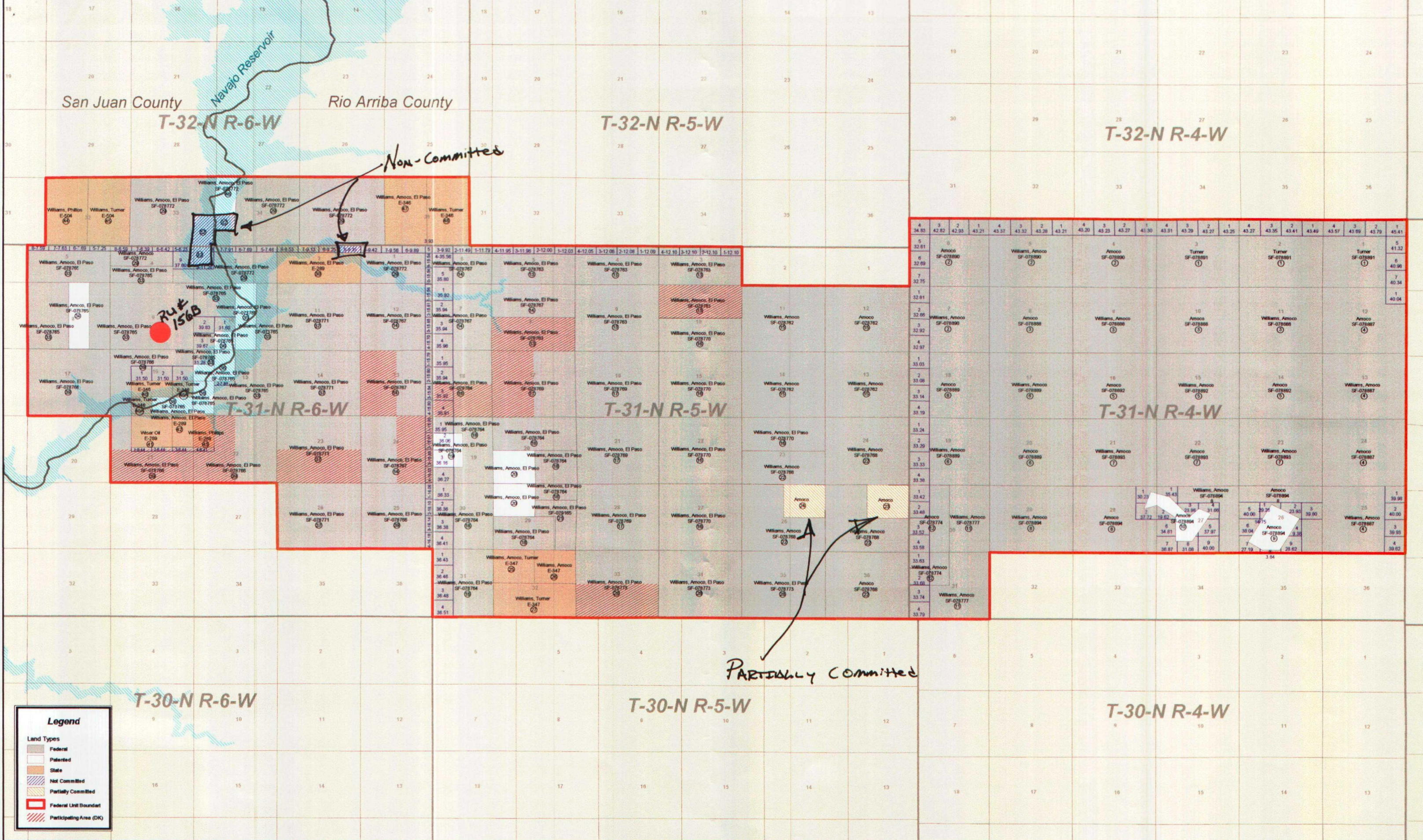
Rosa Unit #156B Dakota formation well Non-Standard location waiver approved.

AMOCO PRODUCTION COMPANY

By: Bryan C. Anderson

Date: APR 16 2002





**Legend**

Land Types

- Federal
- Patented
- State
- Not Committed
- Partially Committed
- Federal Unit Boundaries
- Participating Area (DK)



**WALSH**

ENGINEERING &amp; PRODUCTION CORP.

Petroleum Engineering Consulting  
Lease Management  
Contract Pumping7415 East Main  
Farmington, New Mexico 87402  
(505) 327-4892 • Fax: (505) 327-9834

New Mexico Oil Conservation  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505

5/24/02

MAY 28 2002

Attention: Michael E. Stogner

**Re: Notification of offset owners for unorthodox Dakota locations**

Dear Mr. Stogner,

As per our conversation, the following is a breakdown on each well as far as which company is being encroached upon.

**Rosa 41B:** Directional well w/ bottom hole location 330' fsl & 330' fwl section 5/31N/5W. The north half of section 7, the north half of section 8 and east half of section 6 are being encroached upon. In all of those sections BP-Amoco is the Lessee. (Waivers from BP-Amoco are attached).

**Rosa 79B:** 2600' fwl & 975' fnl, section 22, 31N/R6W. West half proation unit. The east half of section 22 is being encroached upon. BP-Amoco is the Lessee in the East half of section 22 (waivers from BP-Amoco are attached).

**Rosa 24C:** 210' fnl & 1905' fwl, section 32, 31N/R5W. West half proation unit. The section to the north (section 29) is being encroached upon. BP-Amoco is the Lessee in section 29 (waivers from BP-Amoco are attached).

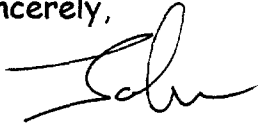
**Rosa 164B:** Directional well w/ bottom hole location 330' fsl & 1650' fwl, section 1, 31N/R6W. The north half of section 12 is being encroached upon. BP-Amoco is the Lessee in section 12 (waivers from BP-Amoco are attached).



\* Rosa 156B: 1660' fsl & 2625' fel, section 9, 31N/R6W. East half proation unit. The west half of section 9 is being encroached upon. BP-Amoco is the Lessee in the west half of section 9 (waivers from BP-Amoco are attached).

Hopefully, this helps identify the offset Lessee in each of the wells. Thanks for your help in this matter and I'll give you a call on Tuesday to make sure everything is in order.

Sincerely,

A handwritten signature in black ink, appearing to read 'John C. Thompson', written in a cursive style.

John C. Thompson



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON  
Governor  
BETTY RIVERA  
Cabinet Secretary

May 21, 2002

Lori Wrotenbery  
Director  
Oil Conservation Division

Williams Production Company, L.L.C.  
c/o Walsh Engineering & Production Corp.  
7415 East Main  
Farmington, New Mexico 87402

Attention: John C. Thompson

Re: Five administrative applications for unorthodox gas well locations in the Basin-Dakota Pool: (i) Rosa Unit Well No. 24-C (pKRV0-211352073); (ii) Rosa Unit Well No. 41-B (pKRV0-211352213); (iii) Rosa Unit Well No. 156-B (pKRV0-211352305); (iv) Rosa Unit Well No. 164-B (pKRV0-211656660); and (v) Rosa Unit Well No. 79-B (pKRV0-210533746).

Dear Mr. Thompson:

I have reviewed the five subject applications and find them all to be incomplete with respect to notice.

Please refer to your **Rule II.B (2) C** of the special Basin-Dakota Pool Rules and provide notice to all mineral interests in the Unitized interval and any owners of non-committed tracts. I have attached a copy of Division Order No. R-10987-B (2) issued on January 29, 2002.

I am withdrawing these applications and returning them to you at this time.

Should you have any questions or comments concerning this matter, please contact Steve Hayden in Aztec at (505) 33406178 or me in Santa Fe at (505) 476-3465.

Sincerely,

Michael E. Stogner  
Chief Hearing Officer/Engineer

LW/MES/kv

cc: New Mexico Oil Conservation Division - Aztec  
Kathy Valdes, NMOCD - Santa Fe



CMD :  
OG5SECT

ONGARD  
INQUIRE LAND BY SECTION

05/31/02 15:40:00  
OGOMES -TPIW  
PAGE NO: 1

Sec : 09 Twp : 31N Rng : 06W Section Type : NORMAL

| D                  | C                       | B                       | A                       |
|--------------------|-------------------------|-------------------------|-------------------------|
| 40.00              | 40.00                   | 40.00                   | 40.00                   |
| Federal owned<br>U | Federal owned<br>U<br>A | Federal owned<br>U<br>A | Federal owned<br>U<br>A |
| E                  | F                       | G                       | H                       |
| 40.00              | 40.00                   | 40.00                   | 40.00                   |
| Federal owned<br>U | Federal owned<br>U      | Federal owned<br>U      | Federal owned<br>U      |

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06  
PF07 BKWD PF08 FWD PF09 PRINT PF10 SDIV PF11 PF12

CMD :  
OG5SECTONGARD  
INQUIRE LAND BY SECTION05/31/02 15:40:13  
OGOMES -TPIW  
PAGE NO: 2

Sec : 09 Twp : 31N Rng : 06W Section Type : NORMAL

|                    |                           |                    |                           |
|--------------------|---------------------------|--------------------|---------------------------|
| L<br>40.00         | K<br>40.00                | J<br>40.00         | I<br>40.00                |
| Federal owned<br>U | Federal owned<br>U        | Federal owned<br>U | Federal owned<br>U<br>A A |
| M<br>40.00         | N<br>40.00                | O<br>40.00         | P<br>40.00                |
| Federal owned<br>U | Federal owned<br>U<br>A A | Federal owned<br>U | Federal owned<br>U        |

PF01 HELP      PF02      PF03 EXIT      PF04 GOTO      PF05  
PF07 BKWD      PF08 FWD      PF09 PRINT      PF10 SDIV      PF11      PF06  
PF12