

ABOVE THIS LINE FOR DIVISION USE ONLY

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



Williams  
Rose Unit #1831

**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

6102  
30-039-307164

**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 \_\_\_\_\_

RECEIVED OGD  
 2009 SEP 28 A 10:04

- [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      Heather Riley      Regulatory Specialist      9/24/09  
 Print or Type Name      Signature      Title      Date  
 Heather.Riley@williams.com  
 e-mail Address



P. O. Box 640  
Aztec, NM 87410  
(505) 634-4222  
(505) 634-4205 (fax)

[Heather.riley@williams.com](mailto:Heather.riley@williams.com)

***SENT VIA FEDERAL EXPRESS***

September 23, 2009

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

*Re: Request for Administrative Approval of a Non-Standard Basin Mancos and Basin Dakota  
Location  
Rosa Unit #183C  
API # 30-039-30764  
2330' FNL & 305' FEL, Sec. 19, T31N, R5W*

Dear Mr. Fesmire:

Williams Production Co., LLC ("Williams"), pursuant to the provisions of Division Rule 104, hereby seeks administrative approval of an unorthodox location for the Basin Mancos (97232) and the Basin Dakota (71599) formations in Rosa Unit Well #183C. This is a vertical well with a bottom hole location of 2330' FNL & 305' FEL, Sec. 19, T31N, R5W.

Pursuant to Order No. R-12984, spacing requirements allow for up to 4 Basin Mancos wells in a standard spacing unit and for wells inside a federal exploratory unit and in a non-participating spacing unit they shall not be closer than 660 feet to the outer boundary of its spacing unit. 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 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 encroaching to the east (W2 of Section 20) by 355 feet and to the south half of Section 19 by 350 feet.

Williams intends to capture the reserves from the Mesaverde, Basin Mancos and Dakota formations with a single well bore. Not only will the multiple completion help capture additional reserves that otherwise would not be able to be economically developed, but utilizing a single well bore for a triple completion will also negate the need for additional disturbance of another wellpad, road, and pipeline.

Mark E. Fesmire  
September 23, 2009  
Page 2 of 2

The bottom hole location was chosen by considering drainage patterns from the existing Mesaverde wells in that spacing unit, i.e. the Rosa Unit #183, #183A, and #183B. Further, drainage patterns from the other offset Mesaverde wells were also considered. They are the Rosa Unit #159, #159A, and #159B in the S2 of 19, the Rosa Unit #017, #017C, #085A, and the #85B in the W2 of 20, the Rosa Unit #031A and the #031C in the SW4 of 17 and the Rosa Unit #182A and #182C in the SE4 of 18. See attached 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.

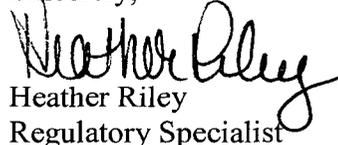
Enclosed for your reference are copies of the Participating Area maps for the Mesaverde and Dakota Formations. All of Sections 19 and 20 are in the PA in the Mesaverde Formation; therefore, no setbacks apply as to that formation. All of the affected units are not in the PA in the Dakota formation; therefore setback requirements apply. There is no PA in the Mancos so setback requirements apply in that formation as well.

The offset units' working interest owners are uncommon in the Mancos and the Dakota so notice is required. See attached List of Affected Persons. Mineral interest is also uncommon but there are no unleased minerals.

The spacing unit for all three formations is the north half. The other Mesaverde wells in the spacing unit are the Rosa Unit #183, #183A, and #183B. There are no other Mancos or Dakota wells.

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.: 1<sup>st</sup> page of APD  
Plat  
Drainage Map  
PA Maps (MV & DK)  
Mineral ownership map  
List of Affected Persons

O:TR  
C:file  
C:Rit  
C:ML

C:RIS/2  
C:WFS

C:Stinson  
C:RyZ

Sign 7/7/09

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
**APPLICATION FOR PERMIT TO DRILL OR REENTER**

5. Lease Serial No.  
NMSF-078764

6. If Indian, Allottee or Tribe Name  
DK/Mancos-Blanco/CA's

7. If Unit or CA Agreement, Name and No.  
Rosa Unit NMMA78407A-RIV

8. Lease Name and Well No.  
183C

9. API Well No.  
3003930761

10. Field and Pool, or Exploratory  
Basin Mancos/Blanco Mesaverde/Basin Dakota

11. Sec., T., R., M., or Blk. and Survey or Area  
Section 19, 31N, 5W

12. County or Parish  
Rio Arriba

13. State  
NM

1a. Type of Work:  DRILL  REENTER

1b. Type of Well:  Oil Well  Gas Well  Other  Single Zone  Multiple Zone

2. Name of Operator  
Williams Production Company, LLC

3a. Address  
P.O. Box 640 Aztec, NM 87410

3b. Phone No. (include area code)  
(505) 634-4208

4. Location of Well (Report location clearly and in accordance with any State requirements. \*)  
At surface 2330' FNL & 305' FEL  
At proposed prod. zone

14. Distance in miles and direction from nearest town or post office\*  
approximately 32 miles northeast of Blanco, New Mexico

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)  
305'

16. No. of Acres in lease  
2,507.300

17. Spacing Unit dedicated to this well  
232.01 - (N/2)

18. Distance from proposed location\* to nearest well, drilling, completed, applied for, on this lease, ft.  
1,313' Rosa 204

19. Proposed Depth  
8,181'

20. BLM/BIA Bond No. on file  
UT0847

21. Elevations (Show whether DF, KDB, RT, GL, etc.)  
6,327' GR

22. Approximate date work will start\*  
April 1, 2009

23. Estimated duration  
1 month

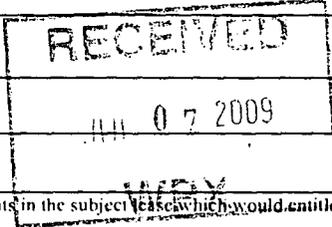
24. Attachments

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: *Heather Riley*  
Name (Printed/Typed): Heather Riley  
Date: 5/15/09

Title: Regulatory Spec  
Approved by (Signature): *[Signature]*  
Name (Printed/Typed):  
Title: AEM  
Office: FFO  
Date: 7/2/09



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.

**BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS**

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

The well pad surface is under jurisdiction of the FFO/BLM.

This location has been archaeologically surveyed by La Plata Archaeological Consultants. Copies of their report have been submitted directly to the BLM and the State of New Mexico, New Mexico Department of Game and Fish.

A new access road of 1,066.6 feet will be required for this proposed well. A portion of the access road will be on State of New Mexico, New Mexico Department of Game and Fish, and a portion on FFO/BLM jurisdiction.

This APD is also serving as an application to obtain a pipeline right-of-way on State of New Mexico, New Mexico Department of Game and Fish and BLM. An associated pipeline tie of 1,545.4 feet would be required for this well. Of the total 1,545.4 feet, 854.7 feet will be on State of New Mexico Department of Game and Fish lands and 690.7 feet will be on BLM lands.

**OPERATOR**

*Handwritten notes and signatures at bottom right.*

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

<sup>1</sup> API Number	<sup>2</sup> Pool Code	<sup>3</sup> Pool Name
17033	97232 / 72319 / 71599	BASIN MANCOS / BLANCO MESAVERDE / BASIN DAKOTA
<sup>4</sup> Property Code	<sup>5</sup> Property Name	<sup>6</sup> Well Number
120782	ROSA UNIT	183C
<sup>7</sup> OGRID No.	<sup>8</sup> Operator Name	<sup>9</sup> Elevation
	WILLIAMS PRODUCTION COMPANY	6327'

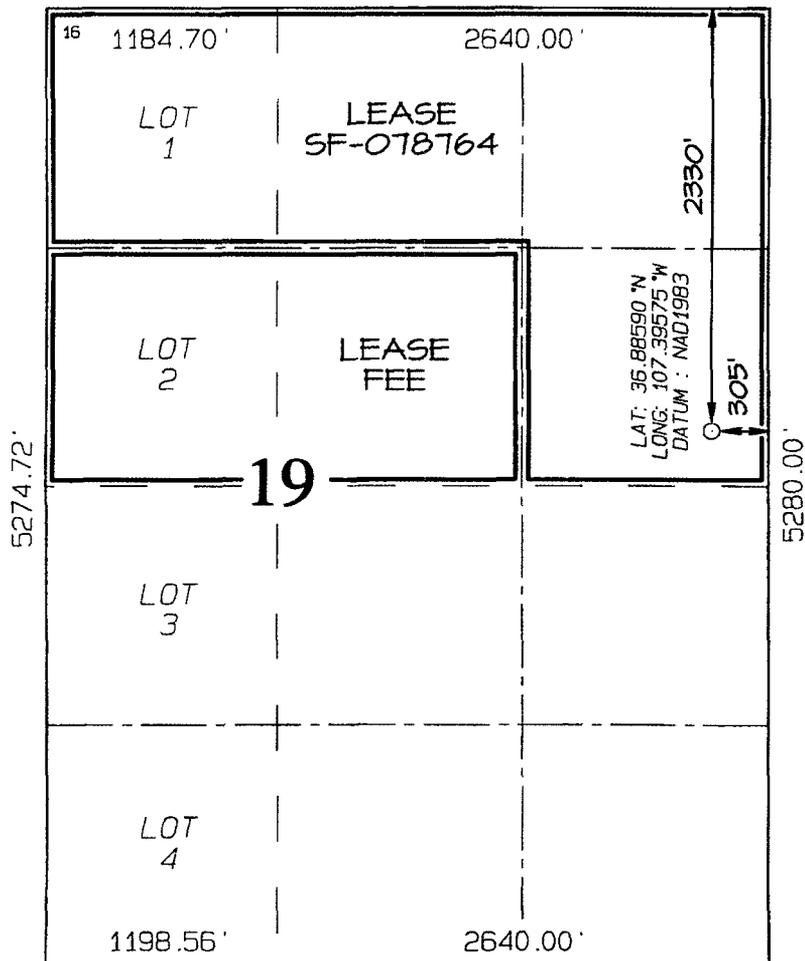
<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	19	31N	5W		2330	NORTH	305	EAST	RIO ARRIBA

<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					<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.		
232.01 Acres - (N/2)									

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>17</sup> OPERATOR CERTIFICATION

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.

Signature \_\_\_\_\_ Date \_\_\_\_\_

Printed Name \_\_\_\_\_

<sup>18</sup> SURVEYOR CERTIFICATION

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

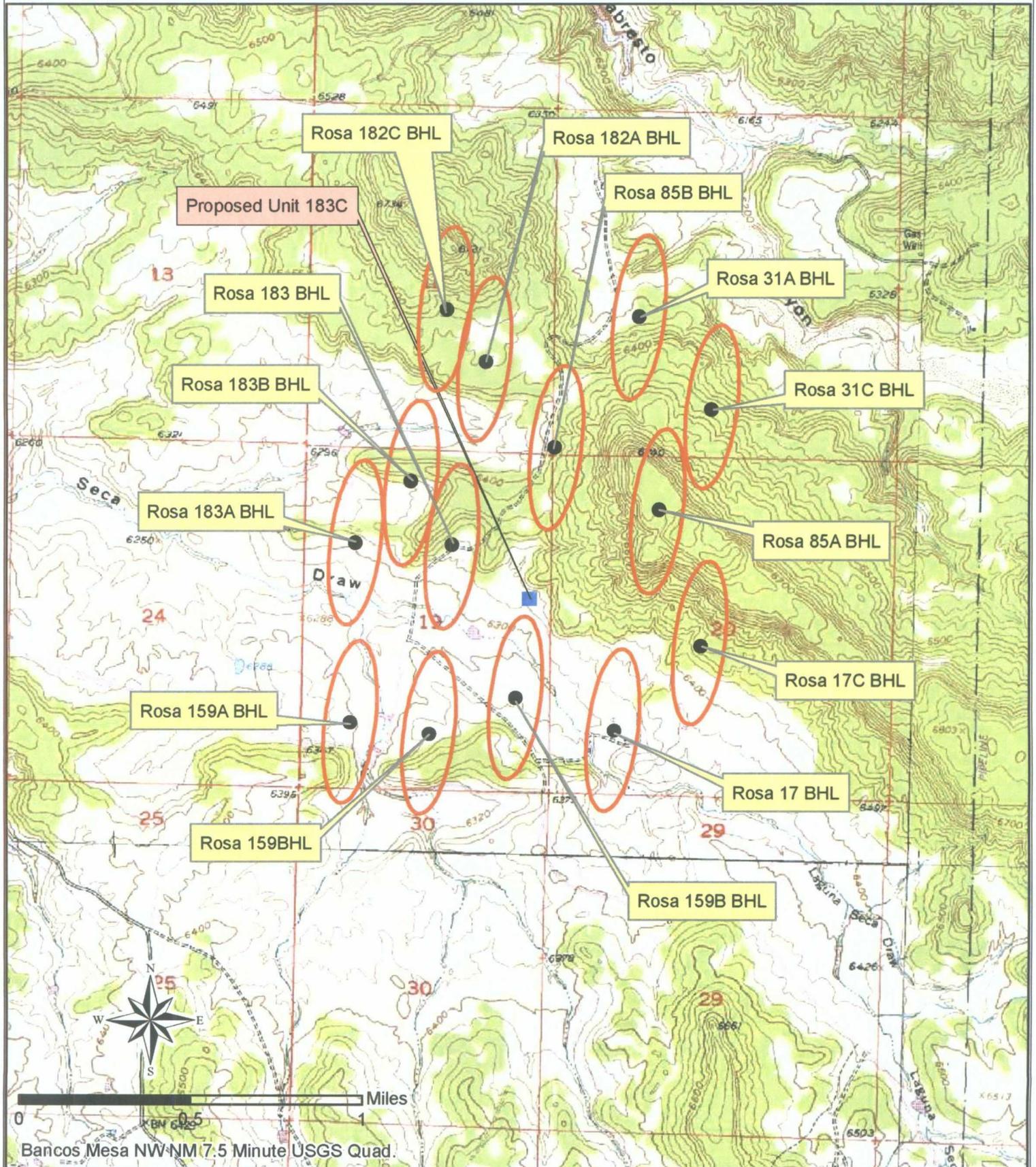
Date of Survey: APRIL 5, 2009

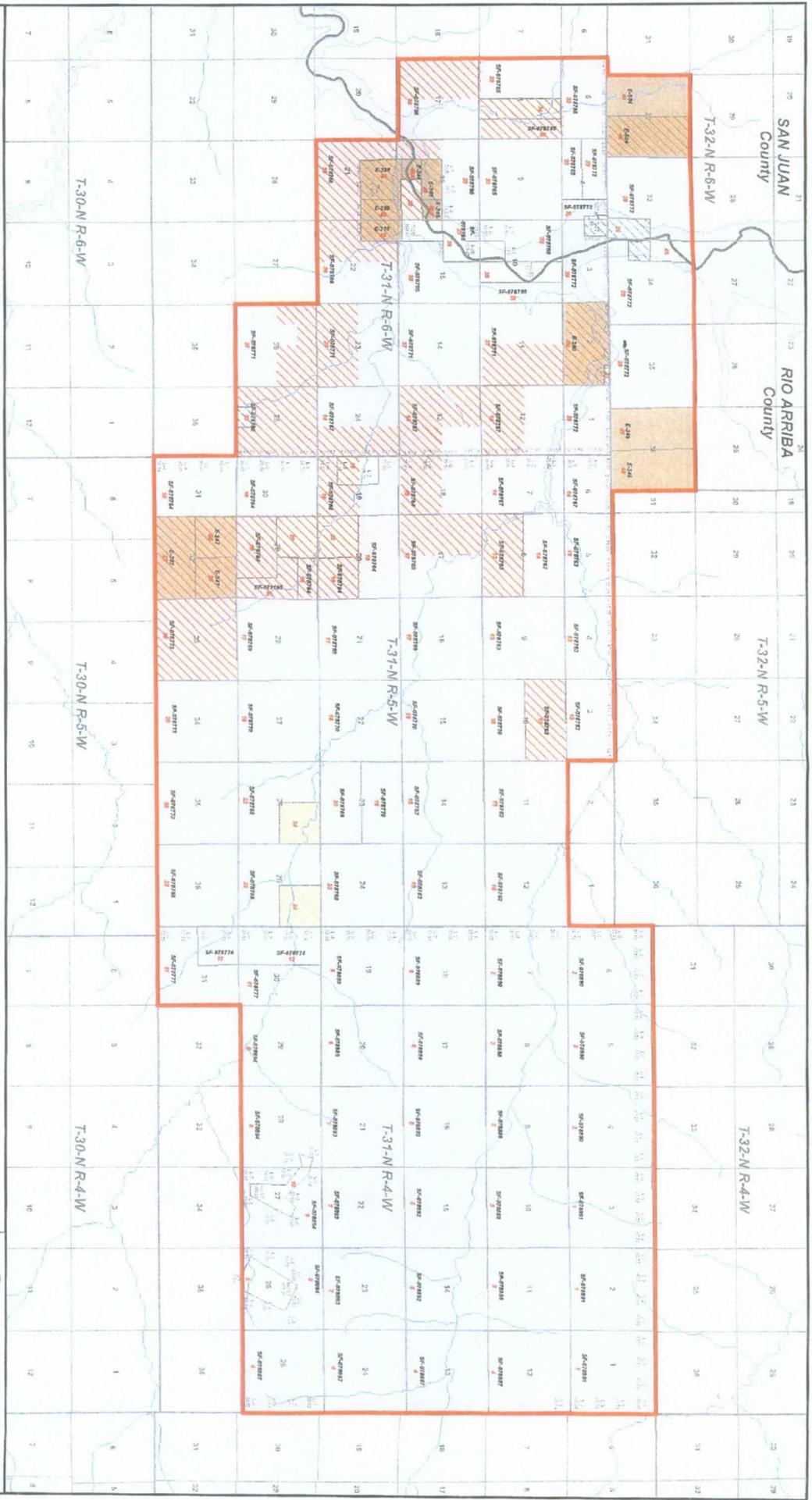
Signature and Seal of Professional Surveyor



**JASON C. EDWARDS**  
Certificate Number 15269

NSL Application Drainage Map  
Williams Production Company, LLC  
Proposed Rosa Unit No. 183C  
T31N, R05W, Section 19 and 20 NMPM  
Rio Arriba County, New Mexico





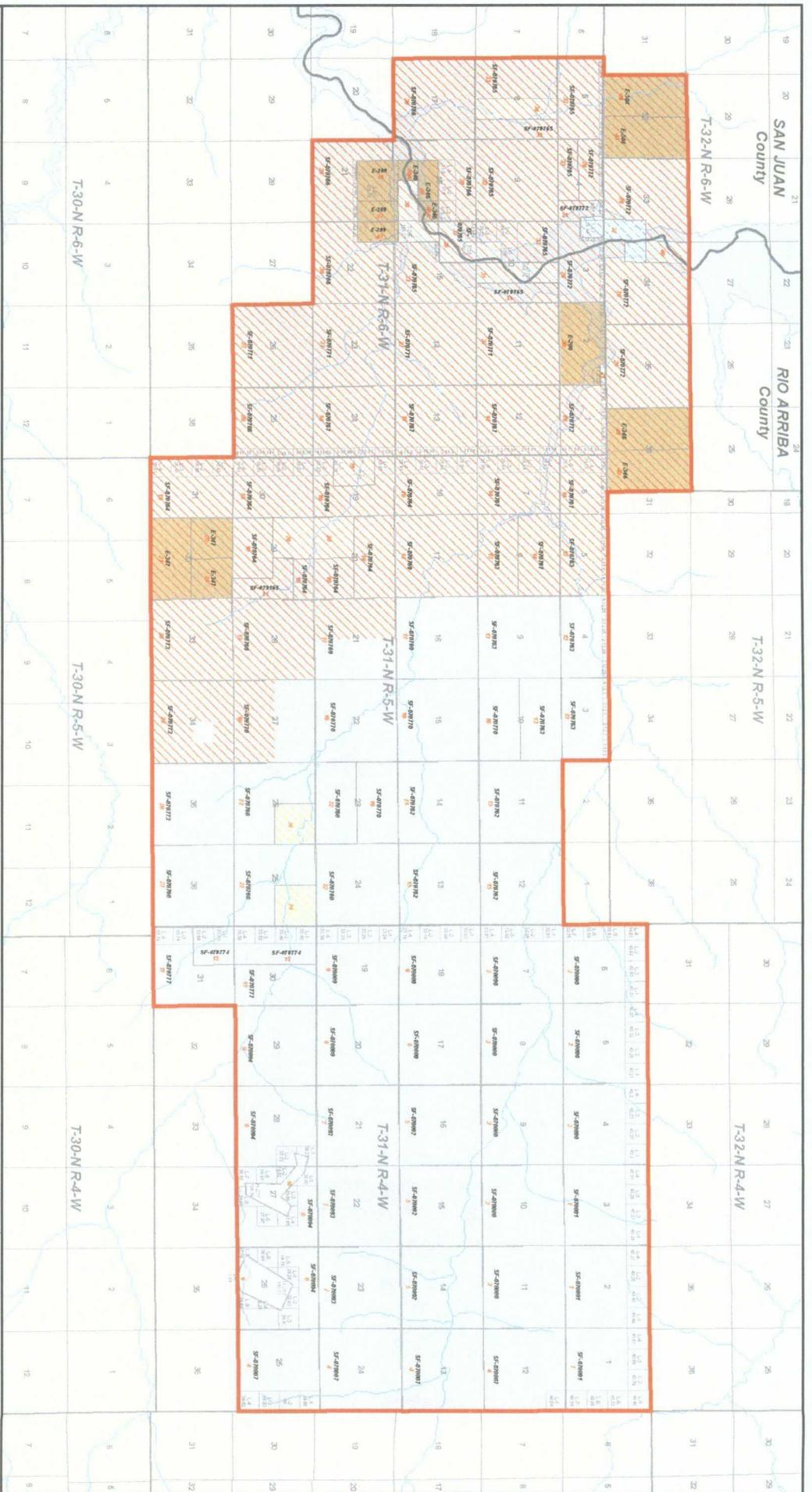
**Rosa Unit Tract No. XX**

Dakota Participating Area: Infield 2276 Expansion  
 Federal  
 Fee  
 Priority Committed  
 Sale  
 Not Committed

6,000 3,000 0 6,000 12,000 Feet

Scale: 1:72,000  
 Date: 4/9/2008  
 Projection: NAD 1983 StatePlane 103 FIPS

**Williams** Evaporation & Production **Williams**  
**Rosa Unit**  
 San Juan and Rio Arriba Counties, New Mexico  
 Author: TJ



**Rosa Unit Tract No. XX**

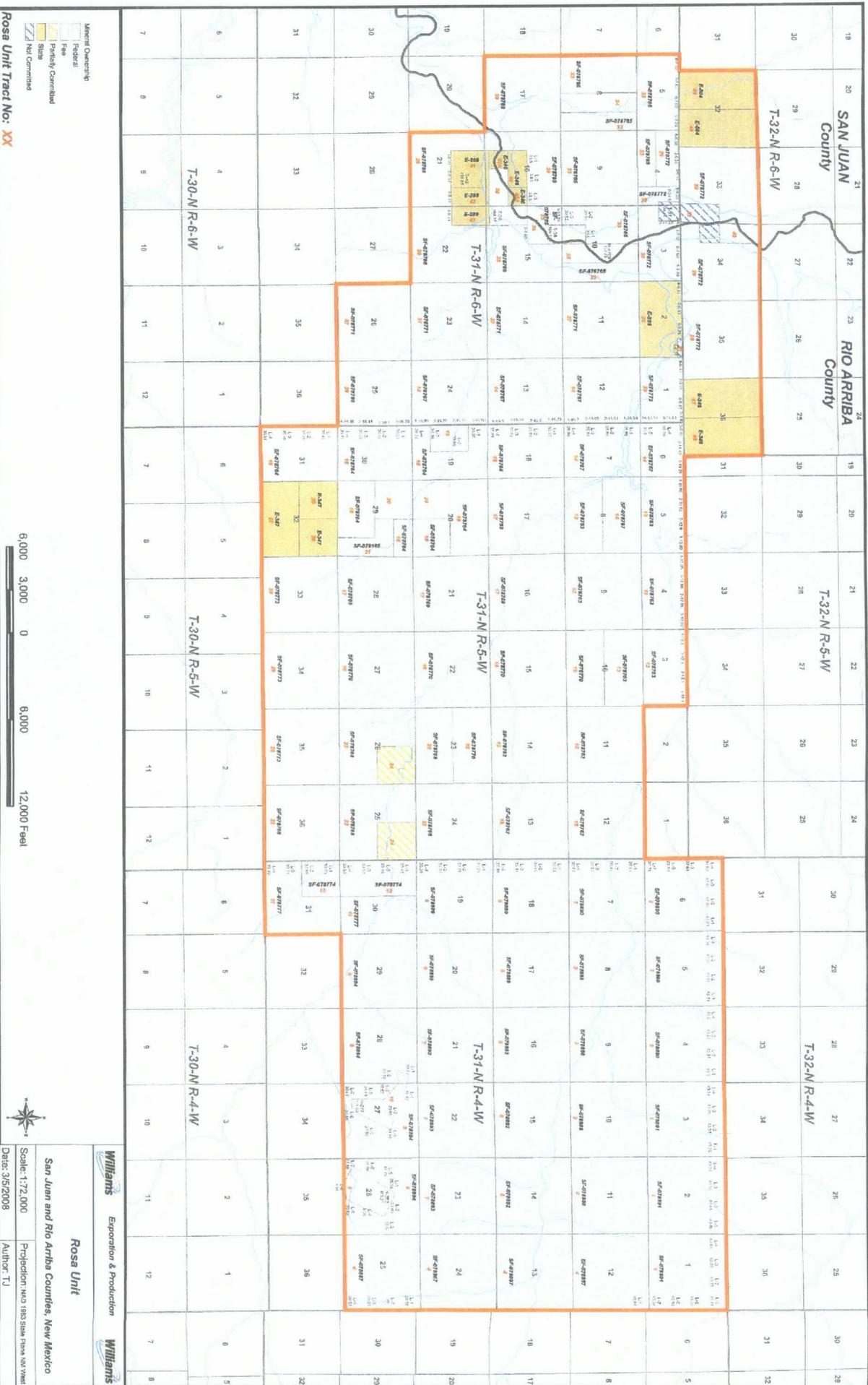
Mesaverde (Burgundy Area) 7th Extension  
 Mancosque  
 Pecos  
 Dipity/Cornuda  
 Strip  
 Not Commented

Williams **Exporidon & Production** Williams  
**Rosa Unit**  
 Mesaverde Formation  
 San Juan and Rio Arriba Counties, New Mexico

Scale: 1:72,000  
 Date: 3/7/2007  
 Projection: NAD 1983 State Plane NM West  
 Author: SA

6,000 3,000 0 6,000 12,000 Feet

Map Document: G:\Project\San\_Juan\Rosa\_Unit\Production\_Analysis\unit\_rn\_2a.mxd  
 3/7/2007 - 11:09:57 AM



Rosa Unit Tract No: XX



San Juan and Rio Arriba Counties, New Mexico

Williams Exporation & Production

Williams

Map Document: (E:\Projects\San\_Juan\Rosas\_Unit\rosas\_unit.mxd)

Date: 3/5/2008

Author: TJ



WILLIAMS PRODUCTION COMPANY, LLC  
One Williams Center  
P.O. Box 3102  
Tulsa, OK 74101-3102  
918/573-2878

September 24, 2009

**CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**

**AFFECTED INTEREST OWNERS**

Re: Application of Williams Production Company, LLC for administrative approval of an unorthodox well location for its proposed Rosa Unit #183C Mancos/Dakota formation well to be drilled to a bottom hole location at 2330 feet from the North line and 305 feet from the East line of Section 19, 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 Oil Conservation Division on this date by Williams Production Company, LLC for administrative approval of an unorthodox well location for its proposed Rosa Unit #183C Mancos/Dakota formation well to be drilled to a bottom hole location at 2330 feet from the North line and 305 feet from the East line of Section 19, Township 31 North, Range 5 West, N.M.P.M., Rio Arriba County, New Mexico. The N/2 of Sec. 19, T31N, R5W, a standard 232.01 acre spacing unit 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 87505. If no objection is received within this twenty-day period, this application for an unorthodox well location may be approved.

Enclosures

Sincerely,

A handwritten signature in black ink, appearing to read "Brennan West".

Brennan West  
Landman

**Rosa Unit #183C Mancos and Dakota Formation Well  
Affected Interest Owners**

**S/2 of Sec. 19, T31N, R5W (Mancos Drill Block Owners, Dakota Participating Area Owners)**

**N/2 of Sec. 20, T31N, R5W (Mancos and Dakota Drill Block Owners)**

**S/2 of Sec. 20, T31N, R5W (Mancos Drill Block Owners, Dakota Participating Area Owners)**

BP AMERICA PRODUCTION CO.  
ATTN: JOHN LARSON  
P.O. BOX 3092  
HOUSTON, TX 77253-3092

MR. J. GLENN TURNER, JR., LLC  
4809 COLE, SUITE 212  
DALLAS, TX 75205

MS. ELIZABETH T. CALLOWAY  
P.O. BOX 191767  
DALLAS, TX 75219-1767

MR. FRED E. TURNER, LLC  
4925 GREENVILLE AVENUE, #852  
DALLAS, TX 75206-4079

MARY FRANCES TURNER, JR TRUST  
ATTN: SHERI ANDERSON  
TX1-2931  
P O BOX 660197  
DALLAS, TX 75266-0197

MR. JOHN L. TURNER  
P.O. BOX 329  
PORT ARANSAS, TX 78373

SACRAMENTO MUNICIPAL UTILITIES DISTRICT  
ATTN: BARRY BRUNELLE  
P. O. BOX 15830  
SACRAMENTO, CA 95852-1830

OMIMEX PETROLEUM, INC.  
ATTN: CLARK P. STORMS  
2001 BEACH ST., SUITE 810  
FORT WORTH, TX 76103

**Brooks, David K., EMNRD**

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**From:** Brooks, David K., EMNRD  
**Sent:** Tuesday, October 20, 2009 8:46 AM  
**To:** 'Riley, Heather '  
**Cc:** Hayden, Steven, EMNRD; 'wesley\_ingram@blm.gov'  
**Subject:** Williams Production Co. - Rosa Unit Wells ##129D, 145D, 160D and 183C; NSL Applications

Dear Ms. Riley

The referenced administrative applications were granted on October 19 by the following orders.

#129D NSL-6014  
#145D NSL-6013  
#160D NSL-6015  
#183C NSL-6012

The signed original orders will be posted on OCD's website.

Sincerely

David K. Brooks  
Legal Examiner  
505-476-3450