

ABOVE THIS LINE FOR DIVISION USE ONLY

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NEW MEXICO OIL CONSERVATION DIVISION  
- Engineering Bureau -

2009 JUN 15 PM 1 14 1220 South St. Francis Drive, Santa Fe, NM 87505



30-039-30754  
Williams 12078-  
Rosa Unit #200

**ADMINISTRATIVE APPLICATION CHECKLIST**

6053

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 6/15/09  
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)

June 11, 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 #020D  
API # 30-039-30754  
SHL: 1485' FNL & 1525' FEL, Sec. 14, T31N, R6W  
BHL: 2000' FNL & 500' FEL, Sec. 14, T31N, R6W*

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 #020D. This is a directional well with a bottom hole location of 2000' FNL & 500' FEL, Sec. 14, T31N, R6W. This well will be a triple completion in the Mesaverde, Basin Mancos and Basin Dakota formations and is part of the Pilot Project pursuant to Order No. R-13123 which allows for one additional Mesaverde infill well on each standard 320-acre gas proration unit.

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 (Section 13) by 160 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  
June 11, 2009  
Page 2 of 2

The surface for this well is being located on a multi-well pad, therefore, we will be utilizing existing surface disturbance. The bottom hole location was chosen by considering drainage patterns from the existing Mesaverde wells in that spacing unit, i.e. the Rosa Unit #020, #020A, #020B, and #020C. Further, drainage patterns from the other offset Mesaverde wells were also considered. They are the Rosa Unit #010 in the SW of 13, the Rosa Unit #010C in the NW of 13, the Rosa Unit #066M in the SW of 13, the Rosa Unit #030A and the #030B in the SW of 12, the Rosa Unit #001E in the SE of 11, the Rosa Unit #016 and #016B in the SW of 14, and the Rosa Unit #016A and #016C in the NW of 14. 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 13 and 14 are in the PA in the Mesaverde Formation therefore no setback requirements apply. The east half of Section 14, which is the subject unit, is not in a PA in the Dakota formation and the encroached upon unit, the west half of 13 is in a PA, therefore setback requirements do apply. There is no PA in the Mancos so setback requirements apply in that formation as well.

The offset unit's working interest and mineral interest owners to the east are common in the Mancos so no notice is required. As to the Dakota formation, mineral interest is common but working interest is uncommon, therefore notice requirements apply. Notice was sent out and a list is attached hereto.

The spacing unit for all three formations is the east half. The other Mesaverde wells in the spacing unit are the Rosa Unit #020, #020A, #020B, and #020C. 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

D:TK  
C:File  
C:MLane/TC  
C:Dir+  
C:R12/12

C:Simmons  
C:WFS  
C:NCU

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

APR 23 2009

APPLICATION FOR PERMIT TO DRILL OR REENTER  
Bureau of Land Management  
Farmington Field Office

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. NMSF-078771	
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name	
2. Name of Operator Williams Production Company, LLC		7. If Unit or CA Agreement, Name and No. Rosa Unit NMNM78407A-P11	
3a. Address P.O. Box 640 Aztec, NM 87410		8. Lease Name and Well No. 20D	
3b. Phone No. (include area code) (505) 634-4205		9. API Well No. 3003930754	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface 1485' FNL & 1525' FEL At proposed prod. zone 1500' FNL & 700' FEL 2000 500		10. Field and Pool, or Exploratory Basin Mancos/Blanco Mesaverde/Basin Dakota	
14. Distance in miles and direction from nearest town or post office* approximately 26 miles northeast of Blanco, New Mexico		11. Sec., T., R., M., or Blk. and Survey or Area Section 14, 31N, 6W	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 990'		12. County or Parish Rio Arriba	
16. No. of Acres in lease 2,560.000		13. State NM	
17. Spacing Unit dedicated to this well 320.0 - (E/2)			
18. Distance from proposed* location to nearest well, drilling, completed, applied for, on this lease, ft. 70' Rosa 67 (P&A)		20. BLM/BIA Bond No. on file 0899 UT0847	
19. Proposed Depth 8,308'		21. Estimated duration 1 month	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6,368' GR		22. Approximate date work will start* April 1, 2009	
23. Attachments			

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MAY 26 2009  
WPX

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 4-23-09
Title Drilling COM		
Approved by (Signature) <i>D. Mankiewicz</i>	Name (Printed/Typed) AFM	Date 5/26/09
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 to make any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED BY FEDERAL AND INDIAN LAWS

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

The well pad surface is under jurisdiction of the Bureau of Land Management, Farmington Field Office (BLM/FFO).

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

No new access road will be required for this proposed well.

This APD is also serving as an application to obtain a pipeline right-of-way. An associated pipeline tie of 212.60 feet would be required for this well.

This action is subject to technical and property review pursuant to 43 CFR 3165.8 and 43 CFR 3165.4

OPERATOR

Drilling operations authorized as subject to attached General Requirements

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
97232 / 72319 / 71599	BASIN MANCOS / BLANCO MESAVERDE / BASIN DAKOTA	
<sup>4</sup> Property Code	<sup>5</sup> Property Name	<sup>6</sup> Well Number
17033	ROSA UNIT	20D
<sup>7</sup> OGRID No.	<sup>8</sup> Operator Name	<sup>9</sup> Elevation
120782	WILLIAMS PRODUCTION COMPANY	6368'

<sup>10</sup> Surface Location

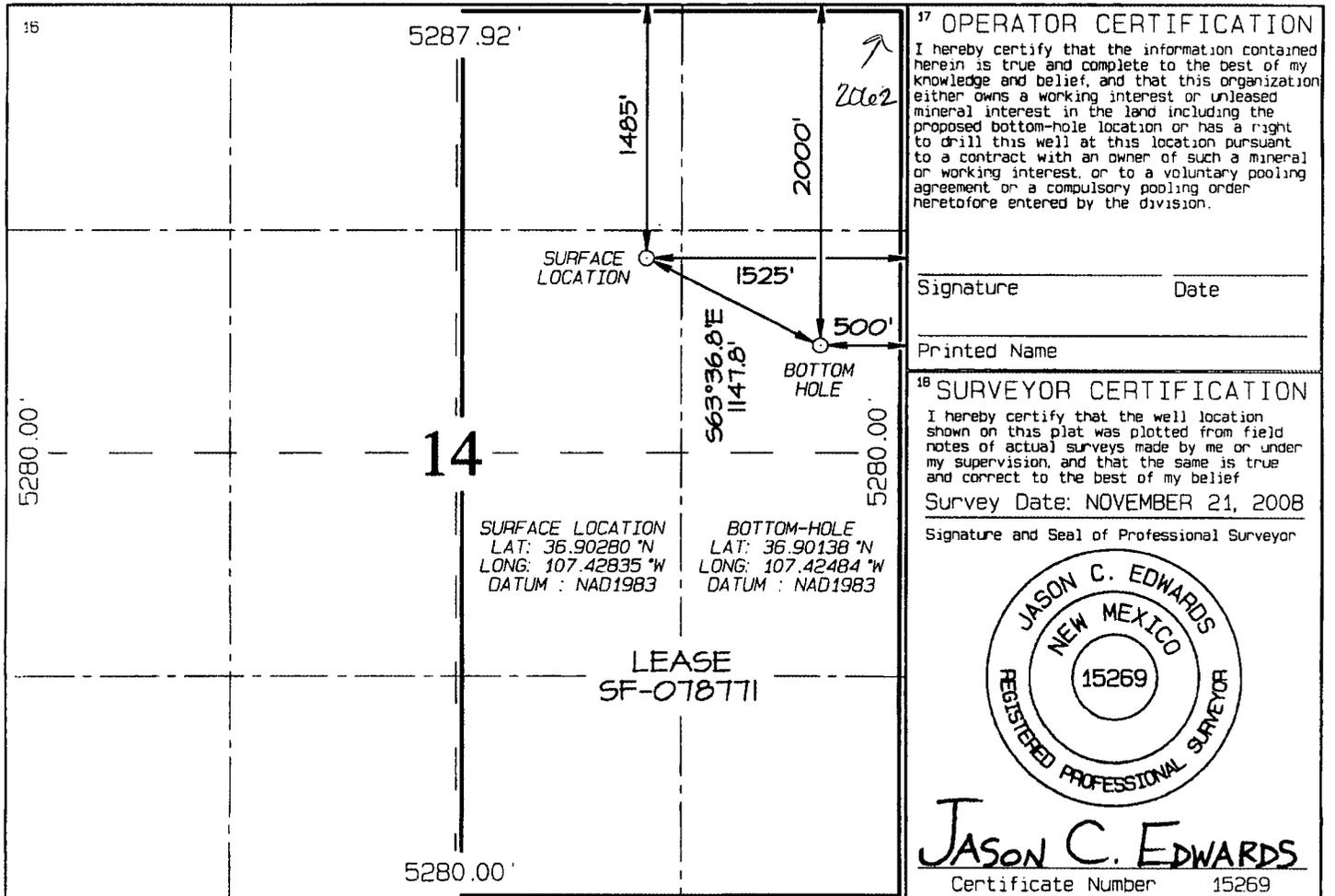
UL or lot no.	Section	Township	Range	Lot Ion	Feet from the	North/South line	Feet from the	East/West line	County
G	14	31N	6W		1485	NORTH	1525	EAST	RIO ARRIBA

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

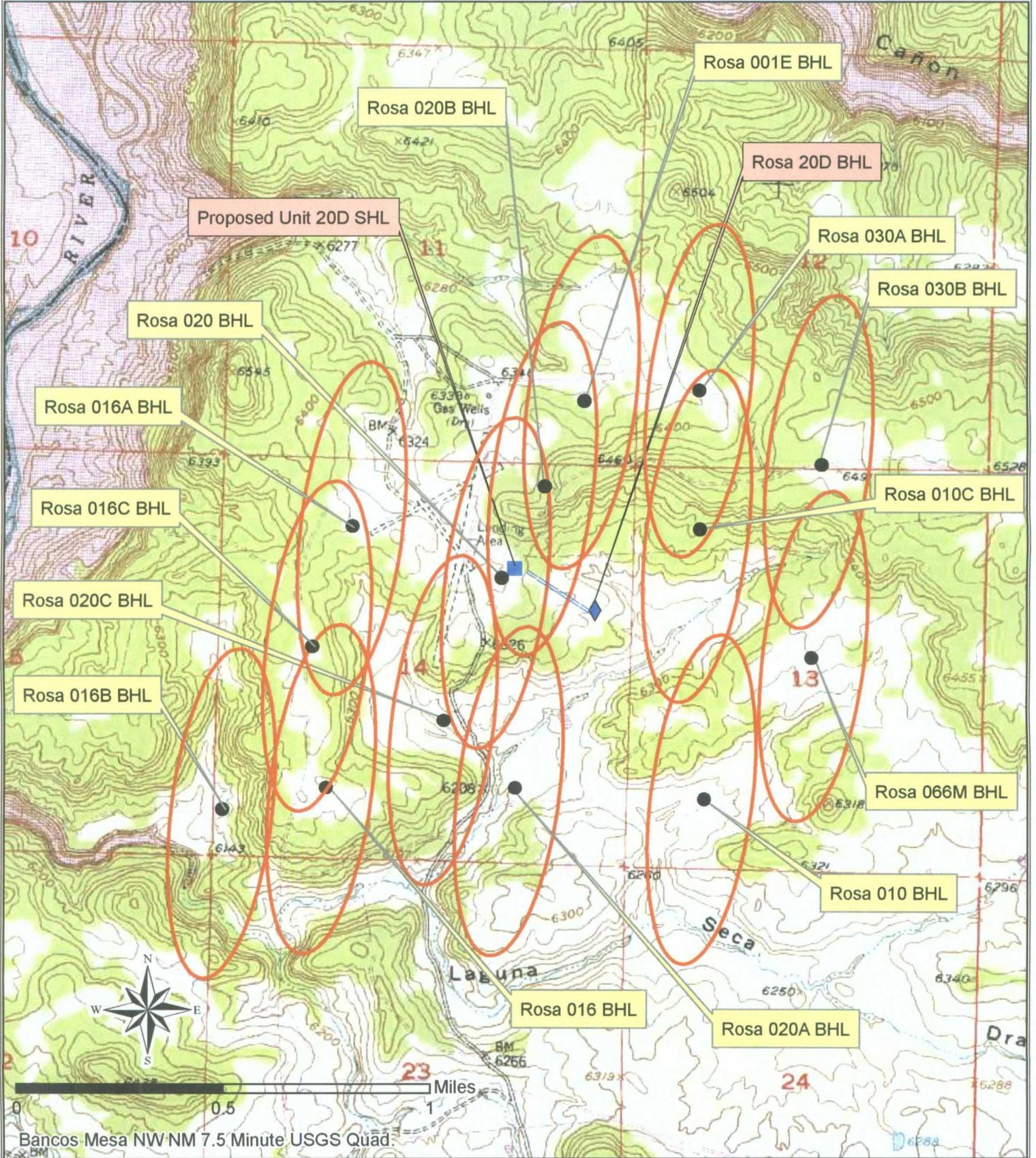
UL or lot no.	Section	Township	Range	Lot Ion	Feet from the	North/South line	Feet from the	East/West line	County
H	14	31N	6W		2000	NORTH	500	EAST	RIO ARRIBA

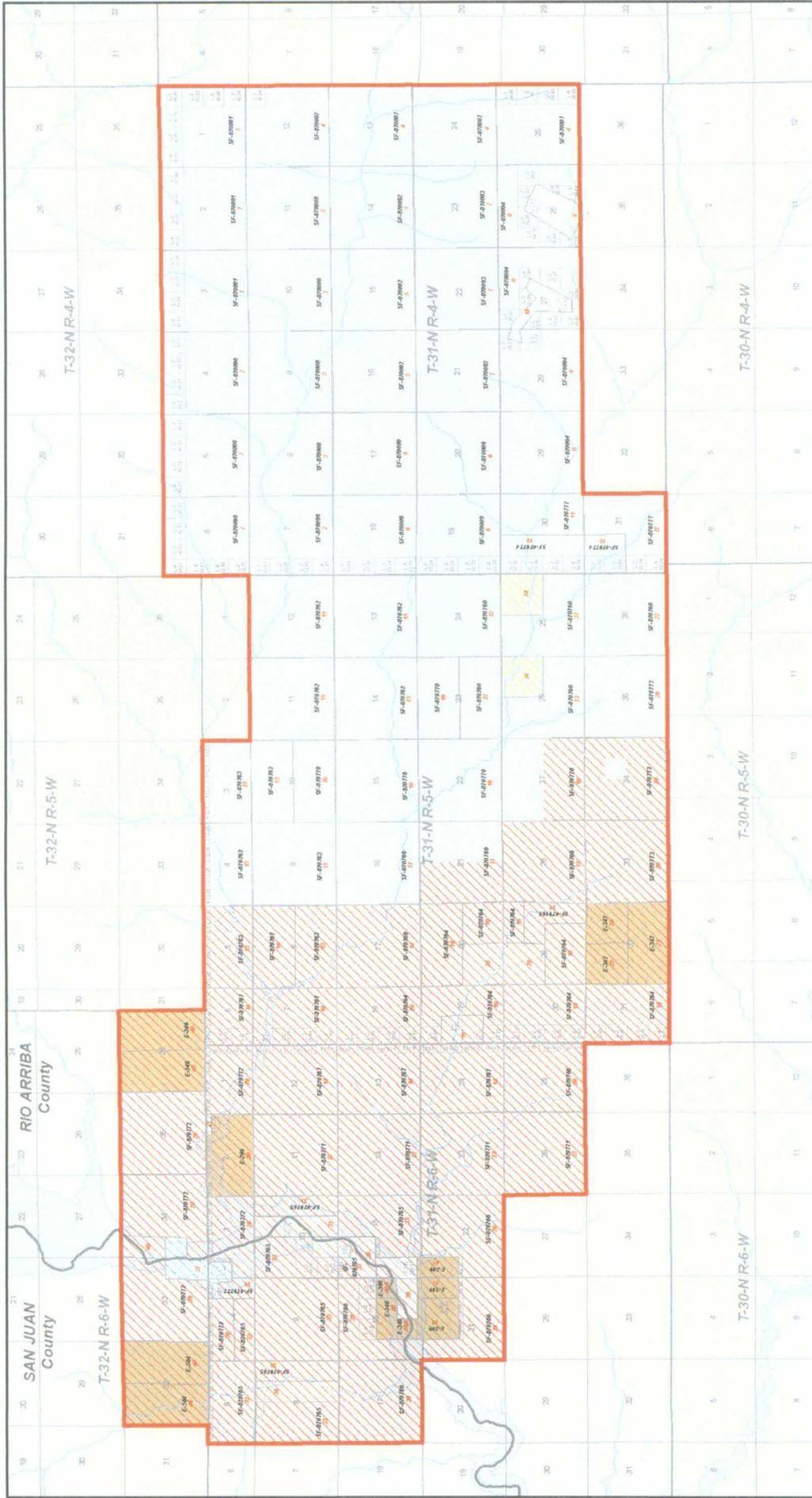
<sup>12</sup> Dedicated Acres	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
320.0 Acres - (E/2)			

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



NSL Application Drainage Map  
Williams Production Company, LLC  
Proposed Rosa Unit No. 20D  
T31N, R06W, Section 14 NMPM  
Rio Arriba County, New Mexico





**Williams** Exporation & Production

**Williams**

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

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

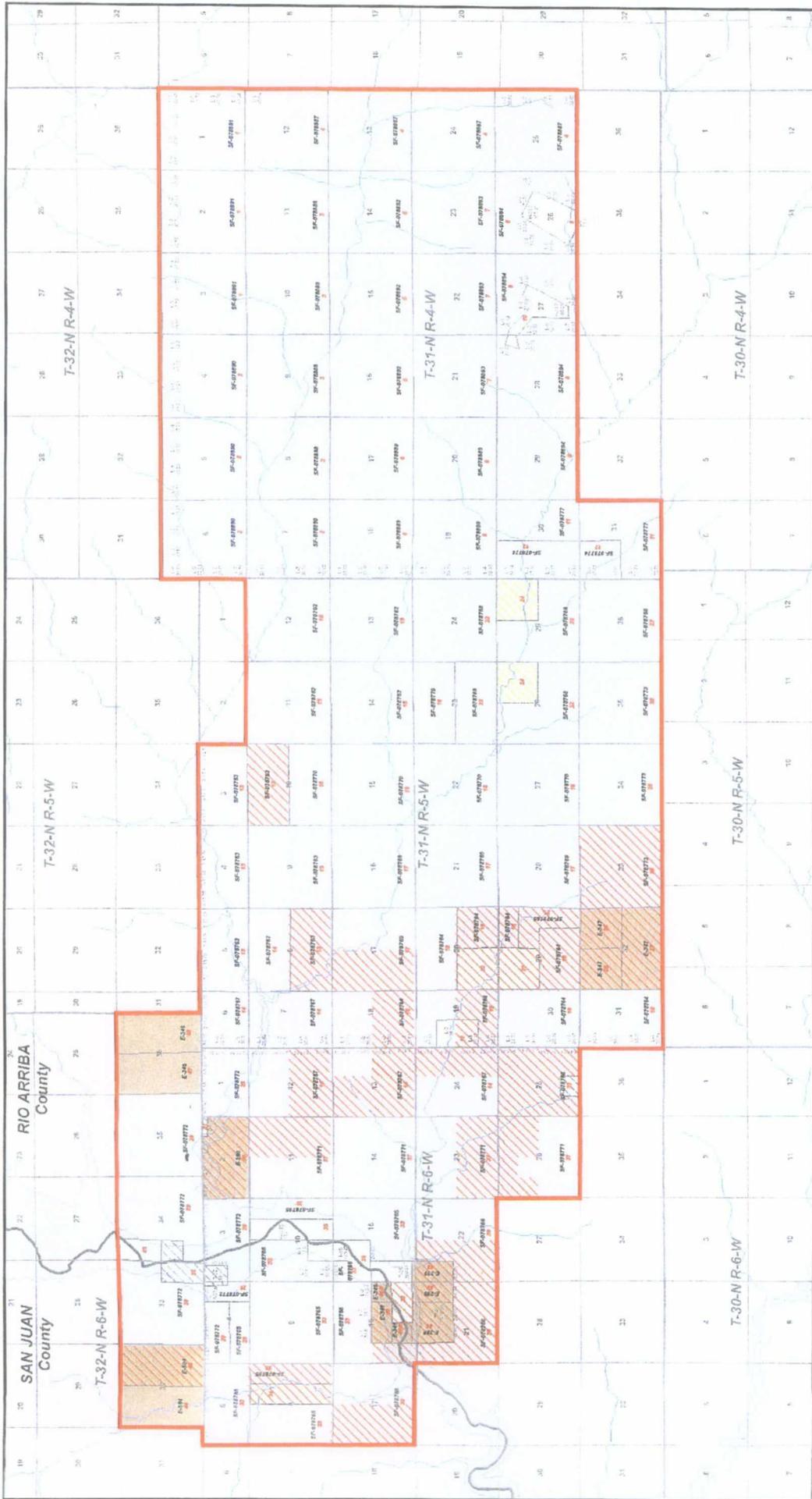
6,000 3,000 0 6,000 12,000 Feet

**Rosa Unit Tract No: XX**

Mesaverte Participating Areas 27th Estimation

- Natural Cover/Grass
- Federal
- Ree
- Partially Committed
- State
- Not Committed

Map Document: C:\Projects\San\_Juan\Rosa\_Unit\Participating\_Areas\Estimate\Tm\_28.mxd  
 3/7/2007 11:08:57 AM



Exploration & Production

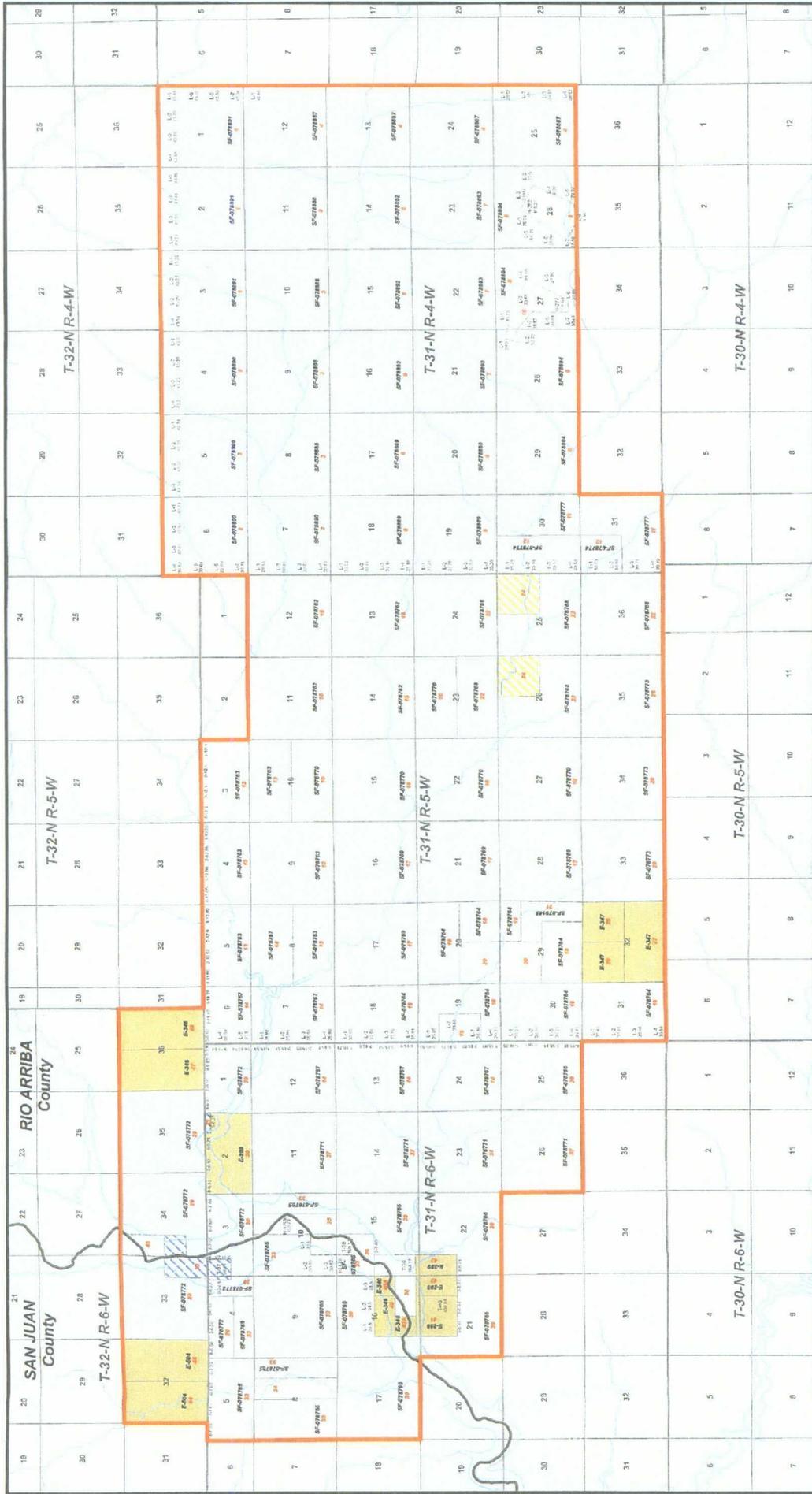
**Rosa Unit**  
 Dakota Formation  
 San Juan and Rio Arriba Counties, New Mexico

Scale: 1:72,000      Projection: NAD 1983 State Plane NM Zone  
 Date: 4/9/2008      Author: TJ

Delta Participating Area - Initial 22nd Expansion  
 Mineral Ownership  
 Federal  
 Fee  
 Partially Committed  
 State  
 Not Committed

Rosa Unit Tract No: **XX**

Map Document: \\nml\apps\Tgpt\Projects\San\_Juan\Rosa\_Unit\Participating\_Areas\rosa\_unit\_uk\_16-32.mxd  
 5/22/2008 - 8:35:28 AM



**Williams**      Exploration & Production      **Williams**

**Rosa Unit**

San Juan and Rio Arriba Counties, New Mexico

Scale: 1:72,000      Projection: NAD 1983 State Plane NM West

Date: 3/5/2008      Author: T.J.

12,000 Feet

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

**Rosa Unit Tract No. XX**

Map Document: G:\Project\San\_Juan\Rosa\_Unit\rosa\_unit.mxd  
3/5/2008 - 1:10:48 PM

**Mineral Ownership**

- Federal
- Privately Controlled
- State
- Not Committed



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

June 11, 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 #20D Mancos/Dakota formation well to be drilled to a bottom hole location at 2000 feet from the North line and 500 feet from the East line of Section 14, Township 31 North, Range 6 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 May 12 2009 by Williams Production Company, LLC for administrative approval of an unorthodox well location for its proposed Rosa Unit #20D Mancos/Dakota formation well to be drilled to a bottom hole location at 2000 feet from the North line and 500 feet from the East line of Section 14, Township 31 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico.

The E/2 of Sec. 14, T31N, R6W, a standard 320.00 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,

M. Vern Hansen, CPL  
Senior Staff Landman

**Rosa Unit #20D Mancos/Dakota Formation Well  
Affected Interest Owners, W/2 of Sec. 13, T31N, R6W  
(Dakota Participating Area)**

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

MR. J. GLENN TURNER, JR., LLC  
4809 COLE AVENUE, 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 680197  
DALLAS, TX 75266-0197

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

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