



February 27, 2017

Assistant District Manager, Minerals
Bureau of Land Management
Farmington Resource Area
6521 College Blvd, Suite A
Farmington, New Mexico 87402

State of New Mexico
Oil Conservation Commission
1220 South St. Francis Drive
Santa Fe, New Mexico 87505-4000

State of New Mexico
Commissioner of Public Lands
310 Old Santa Fe Trail
Santa Fe, New Mexico 87504-1148

Re: Rosa Unit I, Sec. No.587
San Juan and Rio Arriba Counties, New Mexico
2017 Plan of Development

Ladies and Gentlemen:

By letter dated February 24, 2016, WPX Energy Production, LLC, as Rosa Unit Operator filed the 2016 Plan of Development for the Rosa Unit. The following is a summary of the operations proposed under the 2016 Plan of Development:

<u>Well Name</u>	<u>Formation</u>	<u>Operations Status</u>
Rosa Unit #6A	Mesaverde	Dropped from P.O.D.
	Dakota	Dropped from P.O.D.
Rosa Unit #15C	Mesaverde	Dropped from P.O.D.
Rosa Unit #22C	Mesaverde	Dropped from P.O.D.
	Dakota	Dropped from P.O.D.
Rosa Unit #32D	Mesaverde	Dropped from P.O.D.
	Dakota	Dropped from P.O.D.
Rosa Unit #40E	Dakota	Dropped from P.O.D.
Rosa Unit #41D	Mesaverde	Dropped from P.O.D.
	Dakota	Dropped from P.O.D.
Rosa Unit #41E	Mesaverde	Dropped from P.O.D.
	Dakota	Dropped from P.O.D.
Rosa Unit #46B	Mesaverde	Dropped from P.O.D.
	Dakota	Dropped from P.O.D.
Rosa Unit #46C	Mesaverde	Dropped from P.O.D.
	Dakota	Dropped from P.O.D.
Rosa Unit #48E	Dakota	Dropped from P.O.D.
Rosa Unit #79C	Mesaverde	Dropped from P.O.D.
	Dakota	Dropped from P.O.D.
Rosa Unit #80C	Mesaverde	Dropped from P.O.D.
	Dakota	Dropped from P.O.D.
Rosa Unit #88D	Mesaverde	Dropped from P.O.D.
	Dakota	Dropped from P.O.D.
Rosa Unit #88E	Mesaverde	Dropped from P.O.D.
	Dakota	Dropped from P.O.D.
Rosa Unit #88F	Mesaverde	Dropped from P.O.D.
	Dakota	Dropped from P.O.D.

<u>Well Name</u>	<u>Formation</u>	<u>Operations Status</u>
Rosa Unit #125A	Mesaverde	Dropped from P.O.D.
	Dakota	Dropped from P.O.D.
Rosa Unit #137D	Mesaverde	Dropped from P.O.D.
	Dakota	Dropped from P.O.D.
Rosa Unit #146C	Mesaverde	Dropped from P.O.D.
	Dakota	Dropped from P.O.D.
Rosa Unit #147D	Mesaverde	Dropped from P.O.D.
	Dakota	Dropped from P.O.D.
Rosa Unit #154C	Mesaverde	Dropped from P.O.D.
	Dakota	Dropped from P.O.D.
Rosa Unit #154D	Mesaverde	Dropped from P.O.D.
	Dakota	Dropped from P.O.D.
Rosa Unit #166C	Mesaverde	Dropped from P.O.D.
	Dakota	Dropped from P.O.D.
Rosa Unit #168B	Mesaverde	Dropped from P.O.D.
	Dakota	Dropped from P.O.D.
Rosa Unit #168R	Mesaverde	Dropped from P.O.D.
	Dakota	Dropped from P.O.D.
Rosa Unit #185C	Mesaverde	Dropped from P.O.D.
	Dakota	Dropped from P.O.D.
Rosa Unit #186B	Mesaverde	Dropped from P.O.D.
	Dakota	Dropped from P.O.D.
Rosa Unit #189A	Mesaverde	Dropped from P.O.D.
	Dakota	Dropped from P.O.D.
Rosa Unit #189C	Mesaverde	Dropped from P.O.D.
	Dakota	Dropped from P.O.D.
Rosa Unit #193	Mesaverde	Dropped from P.O.D.
	Dakota	Dropped from P.O.D.
Rosa Unit #200B	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #217B	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #217C	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #228C	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #261B	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #280A	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #282A	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #283A	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #284A	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #285A	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #287A	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #288A	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #293A	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #294A	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #309A	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #312B	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #313B	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #347	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #364	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #364A	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #365	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #365A	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #367	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #367A	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #368	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #368A	Fruitland Coal	Dropped from P.O.D.

<u>Well Name</u>	<u>Formation</u>	<u>Operations Status</u>
Rosa Unit #369	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #369A	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #370A	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #371A	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #373	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #373A	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #382A	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #383A	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #384	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #384A	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #385	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #385A	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #386	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #386A	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #387	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #388	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #388A	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #390	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #390A	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #391	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #391A	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #392	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #392A	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #393	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #394	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #394A	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #395	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #395A	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #396	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #396A	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #397	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #398	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #398A	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #399	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #400A	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #401A	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #402	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #402A	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #403A	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #404	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #405	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #408	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #409	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #410	Fruitland Coal	Dropped from P.O.D.
Rosa Unit #600	Mesaverde	Dropped from P.O.D.
	Dakota	Dropped from P.O.D.
Rosa Unit #601	Mesaverde	Dropped from P.O.D.
Rosa Unit 03 #7H	Mancos	Carried over to 2017 P.O.D.
Rosa Unit 04 #1H	Mancos	Carried over to 2017 P.O.D.
Rosa Unit 04 #2H	Mancos	Carried over to 2017 P.O.D.
Rosa Unit 04 #3H	Mancos	Carried over to 2017 P.O.D.
Rosa Unit 04 #4H	Mancos	Carried over to 2017 P.O.D.
Rosa Unit 04 #5H	Mancos	Carried over to 2017 P.O.D.
Rosa Unit 04 #6H	Mancos	Carried over to 2017 P.O.D.
Rosa Unit 04 #7H	Mancos	Carried over to 2017 P.O.D.

<u>Well Name</u>	<u>Formation</u>	<u>Operations Status</u>
Rosa Unit 04 #8H	Mancos	Carried over to 2017 P.O.D.
Rosa Unit 04 #9H	Mancos	Carried over to 2017 P.O.D.
Rosa Unit 04 #10H	Mancos	Carried over to 2017 P.O.D.
Rosa Unit 04 #11H	Mancos	Carried over to 2017 P.O.D.
Rosa Unit 04 #12H	Mancos	Carried over to 2017 P.O.D.
Rosa Unit 04 #13H	Mancos	Carried over to 2017 P.O.D.
Rosa Unit 04 #14H	Mancos	Carried over to 2017 P.O.D.
Rosa Unit 04 #15H	Mancos	Carried over to 2017 P.O.D.
Rosa Unit 04 #16H	Mancos	Carried over to 2017 P.O.D.
Rosa Unit 04 #17H	Mancos	Carried over to 2017 P.O.D.
Rosa Unit 04 #18H	Mancos	Carried over to 2017 P.O.D.
Rosa Unit 04 #19H	Mancos	Carried over to 2017 P.O.D.
Rosa Unit 04 #20H	Mancos	Carried over to 2017 P.O.D.
Rosa Unit 05 #14H	Mancos	Carried over to 2017 P.O.D.
Rosa Unit 06 #14H	Mancos	Carried over to 2017 P.O.D.
Rosa Unit 27 #105H (Now 644H)	Mancos	Carried over to 2017 P.O.D.
Rosa Unit 27 #106H (Now 645H)	Mancos	Carried over to 2017 P.O.D.
Rosa Unit 27 #107H (Now 646H)	Mancos	Carried over to 2017 P.O.D.
Rosa Unit 27 #108H (Now 647H)	Mancos	Carried over to 2017 P.O.D.

The Participating Areas that have been established in the Rosa Unit are as follows:

<u>Formation</u>	<u>Revision</u>	<u>Effective</u>
Fruitland Coal	Thirty-Second	November 1, 2011
Pictured Cliffs	Eighth	June 1, 2000
Mesaverde	Twenty-Seventh	September 1, 2009
Mancos	First	June 1, 2016
Dakota	Thirty-Fifth	December 1, 2009

Attached are maps of the Rosa Unit showing the boundaries of the Participating Areas as applicable.

The following well was commingled in 2016:

<u>Well Name</u>	<u>Formation</u>
Rosa Unit #41B	Mesaverde/Dakota

The following wells were plugged and abandoned in 2016:

<u>Well Name</u>	<u>Formation</u>
Rosa Unit #6Y	Mesaverde
Rosa Unit #140	Pictured Cliffs
Rosa Unit #312A	Fruitland
Rosa Unit #351A	Fruitland
Rosa Unit #360	Fruitland
Rosa Unit #378	Fruitland
Rosa Unit #648H	Mancos

Pursuant to Section 9 of the Rosa Unit Agreement, WPX Energy Production, LLC is submitting a Plan of Development providing for the drill and completion of the following wells during 2017:

In addition to the aforementioned wells, WPX Energy Production, LLC proposes the following horizontal wells within the boundaries of the Rosa Unit Mancos Project Area.

<u>Well Name</u>	<u>Formation</u>	<u>Surface Hole Location</u>	<u>Bottom Hole Location</u>
Rosa Unit 03 #7H	Mancos	NWSW of Sec. 4, T31N, R6W	NWNW of Sec. 5, T31N, R6W
Rosa Unit 04 #1H	Mancos	SESW of Sec. 4, T31N, R6W	NENW of Sec. 10, T31N, R6W
Rosa Unit 04 #2H	Mancos	SESW of Sec. 4, T31N, R6W	NESW of Sec. 3, T31N, R6W
Rosa Unit 04 #3H	Mancos	SESW of Sec. 4, T31N, R6W	NWSW of Sec. 5, T31N, R6W
Rosa Unit 04 #4H	Mancos	SESW of Sec. 4, T31N, R6W	SESW of Sec. 3, T31N, R6W
Rosa Unit 04 #5H	Mancos	SESW of Sec. 4, T31N, R6W	SWSW of Sec. 5, T31N, R6W
Rosa Unit 04 #6H	Mancos	SESW of Sec. 4, T31N, R6W	SESW of Sec. 3, T31N, R6W
Rosa Unit 04 #7H	Mancos	SESW of Sec. 4, T31N, R6W	SWSW of Sec. 5, T31N, R6W
Rosa Unit 04 #8H	Mancos	SESW of Sec. 4, T31N, R6W	NENW of Sec. 10, T31N, R6W
Rosa Unit 04 #9H	Mancos	SESW of Sec. 4, T31N, R6W	SWSW of Sec. 5, T31N, R6W
Rosa Unit 04 #10H	Mancos	SESW of Sec. 4, T31N, R6W	SWSW of Sec. 5, T31N, R6W
Rosa Unit 04 #11H	Mancos	SESW of Sec. 4, T31N, R6W	NWSW of Sec. 5, T31N, R6W
Rosa Unit 04 #12H	Mancos	SESW of Sec. 4, T31N, R6W	SESW of Sec. 3, T31N, R6W
Rosa Unit 04 #13H	Mancos	SESW of Sec. 4, T31N, R6W	NWNW of Sec. 8, T31N, R6W
Rosa Unit 04 #14H (Now 552H)	Mancos	SESW of Sec. 4, T31N, R6W	SESW of Sec. 3, T31N, R6W
Rosa Unit 04 #15H	Mancos	SESW of Sec. 4, T31N, R6W	SWSW of Sec. 5, T31N, R6W
Rosa Unit 04 #16H	Mancos	SESW of Sec. 4, T31N, R6W	SESW of Sec. 3, T31N, R6W
Rosa Unit 04 #17H	Mancos	SESW of Sec. 4, T31N, R6W	SWSW of Sec. 5, T31N, R6W
Rosa Unit 04 #18H	Mancos	SESW of Sec. 4, T31N, R6W	SESW of Sec. 3, T31N, R6W
Rosa Unit 04 #19H	Mancos	SESW of Sec. 4, T31N, R6W	NESW of Sec. 3, T31N, R6W
Rosa Unit 04 #20H	Mancos	SESW of Sec. 4, T31N, R6W	NWSW of Sec. 5, T31N, R6W
Rosa Unit 05 #14H	Mancos	NENW of Sec. 9, T31N, R6W	NWSE of Sec. 10, T31N, R6W
Rosa Unit 06 #14H	Mancos	SESW of Sec. 9, T31N, R6W	SESW of Sec. 10, T31N, R6W
Rosa Unit 27 #105H (Now 644H)	Mancos	NWNW of Sec. 19, T31N, R5W	SWNW of Sec. 24, T31N, R6W
Rosa Unit 27 #106H (Now 645H)	Mancos	NWNW of Sec. 19, T31N, R5W	NENE of Sec. 20, T31N, R5W
Rosa Unit 27 #107H (Now 646H)	Mancos	NWNW of Sec. 19, T31N, R5W	NENE of Sec. 20, T31N, R5W
Rosa Unit 27 #108H (Now 647H)	Mancos	NWNW of Sec. 19, T31N, R5W	SENW of Sec. 21, T31N, R5W
Rosa Unit #541H	Mancos	SWNW of Sec. 4, T31N, R6W	SWNW of Sec. 5, T31N, R6W
Rosa Unit #551H	Mancos	NENW of Sec. 9, T31N, R6W	NWNW of Sec. 8, T31N, R6W
Rosa Unit #552H	Mancos	NENW of Sec. 9, T31N, R6W	NWNW of Sec. 8, T31N, R6W
Rosa Unit 27 #644H	Mancos	NWNW (Lot 1) Sec. 19, T31N, R5W	SWNW of Sec. 24, T31N, R6W
Rosa Unit 27 #645H	Mancos	NWNW (Lot 1) Sec. 19, T31N, R5W	NENW of Sec. 21, T31N, R5W
Rosa Unit 27 #646H	Mancos	NWNW (Lot 1) Sec. 19, T31N, R5W	NENW of Sec. 21, T31N, R5W
Rosa Unit 27 #647H	Mancos	NWNW (Lot 1) Sec. 19, T31N, R5W	SENW of Sec. 21, T31N, R5W
Rosa Unit 27 #648H	Mancos	NWNW (Lot 1) Sec. 19, T31N, R5W	SENW of Sec. 21, T31N, R5W
Rosa Unit 27 #649H	Mancos	NWNW (Lot 1) Sec. 19, T31N, R5W	NESW of Sec. 21, T31N, R5W
Rosa Unit 29 #650H	Mancos	NENE (Lot 1) Sec. 25, T31N, R6W	SWSW of Sec. 23, T31N, R6W
Rosa Unit 29 #651H	Mancos	NENE (Lot 1) Sec. 25, T31N, R6W	NWNW of Sec. 26, T31N, R6W
Rosa Unit 29 #652H	Mancos	NENE (Lot 1) Sec. 25, T31N, R6W	NWNW of Sec. 26, T31N, R6W
Rosa Unit 29 #653H	Mancos	NENE (Lot 1) Sec. 25, T31N, R6W	SWNW of Sec. 26, T31N, R6W
Rosa Unit 29 #654H	Mancos	NENE (Lot 1) Sec. 25, T31N, R6W	SWSW of Sec. 21, T31N, R5W
Rosa Unit 29 #655H	Mancos	NENE (Lot 1) Sec. 25, T31N, R6W	NWNW of Sec. 28, T31N, R5W
Rosa Unit 29 #656H	Mancos	NENE (Lot 1) Sec. 25, T31N, R6W	SWNW of Sec. 28, T31N, R5W
Rosa Unit 29 #657H	Mancos	NENE (Lot 1) Sec. 25, T31N, R6W	SWNW of Sec. 28, T31N, R5W
Rosa Unit #665H	Mancos	NESW of Sec. 30, T31N, R5W	SESW of Sec. 28, T31N, R5W
Rosa Unit #740H	Mancos	NENW of Sec. 33, T31N, R5W	NWNW of Sec. 31, T31N, R5W
Rosa Unit #720H	Mancos	SWNW of Sec. 17, T31N, R5W	SWNE of Sec. 14, T31N, R6W
Rosa Unit #830H	Mancos	NWNW of Sec. 36, T31N, R5W	NWNE of Sec. 34, T31N, R5W
Rosa Unit #880H	Mancos	SWNE of Sec. 10, T31N, R4W	NENW of Sec. 9, T31N, R4W
Rosa Unit #884H	Mancos	SWNE of Sec. 10, T31N, R4W	NENE of Sec. 12, T31N, R4W
Rosa Unit #950H	Mancos	SENE of Sec. 29, T31N, R4W	SWNW of Sec. 12, T31N, R4W

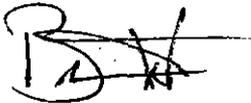
Rosa Unit
2017 Plan of Development
2/27/2017

WPX Energy Production, LLC, as Unit Operator, will drill any offset wells that may be required to prevent drainage of unitized substances and any other wells deemed necessary or which are requested by the Unit Operator or the Working Interest Owners.

If this Plan of Development is acceptable, please signify your approval as required under Section 9 of the Unit Agreement in the space provided in the enclosed sheet and return an approved copy to WPX Energy Production, LLC.

Copies of this Plan of Development are being sent to the Working Interest Owners as shown on the enclosed sheet.

Sincerely,

A handwritten signature in black ink, appearing to read 'BW', with a horizontal line extending to the right across the signature.

Brennan West
Senior Landman
WPX Energy Production, LLC

Enclosures

cc: Working Interest Owners
Mark Beach
Heather Riley

APPROVED: _____ DATE: _____
Assistant District Manager, Minerals
Bureau of Land Management
Subject to like approval by the
Commissioner of Public Lands and
The Oil Conservation Commission

APPROVED: _____ DATE: _____
Commissioner of Public Lands
Subject to like approval by the Area
Oil and Gas Supervisor and the Oil
Conservation Commission

APPROVED: _____ DATE: _____
Oil Conservation Commission
Subject to like approval by the Area
Oil and Gas Supervisor and the
Commissioner of Public Lands

The foregoing approvals are for the 2017 Plan of Development for the Rosa Unit I, Section No.587.

Rosa Unit
2017 Plan of Development
2/27/2017

WORKING INTEREST OWNERS
ROSA UNIT

BP AMERICA PRODUCTION CO.
ATTN: CRAIG FERGUSON
737 NORTH ELDRIDGE PKWY
HOUSTON, TX 77079

SCHULTZ MANAGEMENT, LTD.
500 N. AKARD, SUITE 2940
DALLAS, TX 75201

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

FRED E. TURNER, LLC
4925 GREENVILLE AVE., SUITE 852
DALLAS, TX 75206-4079

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

CROSS TIMBERS ENERGY, LLC
400 WEST 7TH STREET
FORT WORTH, TX 76102

MARY FRANCES TURNER, JR TRUST
ATTN: BRADLEY INCE
420 THROCKMORTON, SUITE 900
FORT WORTH, TX 76102

MR. JOHN TURNER
525 GILMER STREET #108
SULPHUR SPRINGS, TX 75482

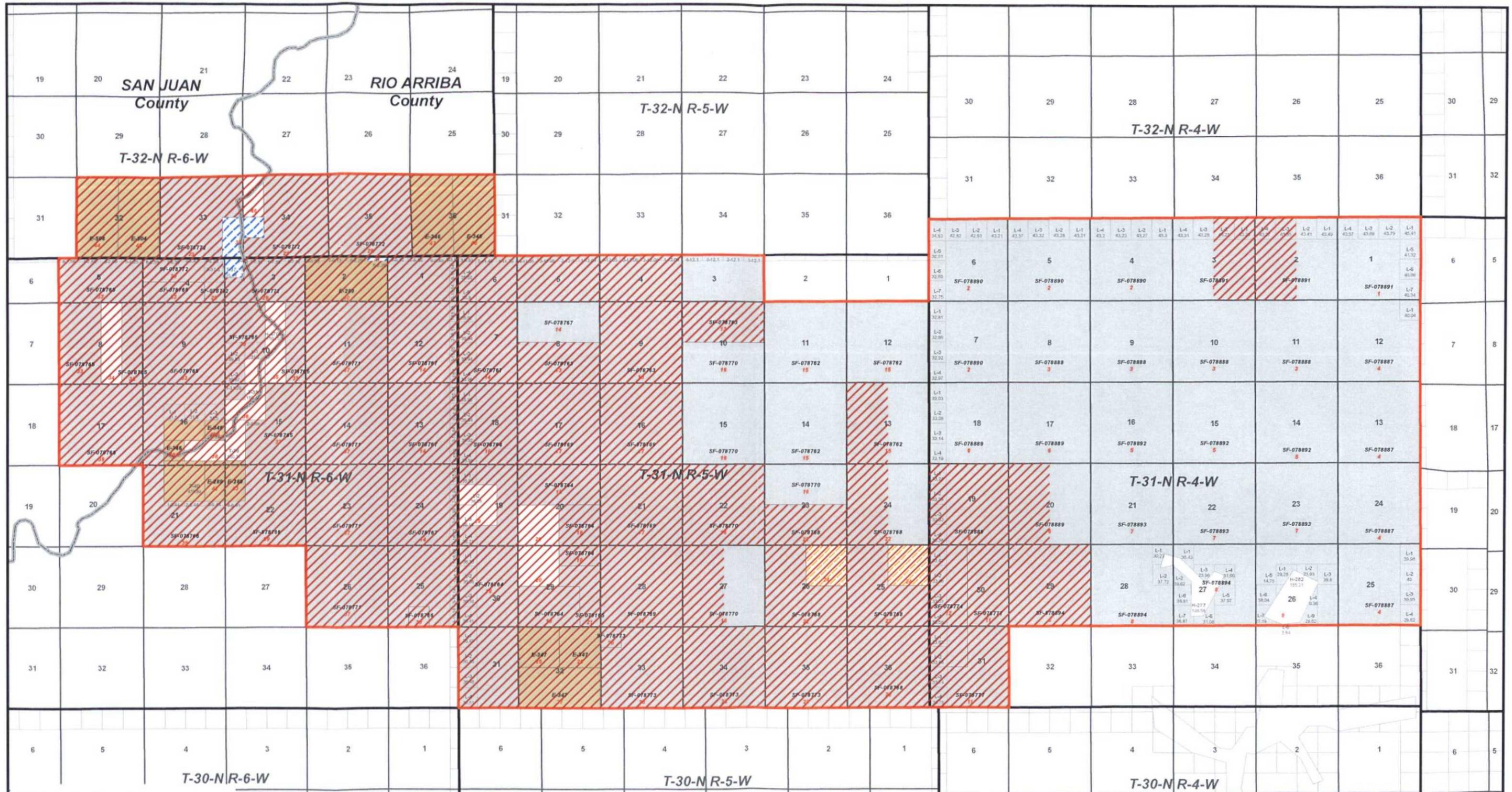
PATRICIA P. SCHIEFFER TRUST, BANK OF AMERICA, N.A. AGT
ATTN: BILL BLEDSOE
P.O. BOX 2546
FORT WORTH, TX 76113-2546

OMIMEX PETROLUEM, INC.
ATTN: CLARK P. STORMS
7950 JOHN T. WHITE ROAD
FORT WORTH, TX 76120

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

CONOCOPHILLIPS COMPANY
ATTN: CHIEF LANDMAN, SAN JUAN/ROCKIES
P. O. BOX 4289
FARMINGTON, NM 87499-4289

HENRIETTA E. SCHULTZ, TRUSTEE
500 NORTH AKARD, SUITE 2940
DALLAS, TX 75201



- Fruitland Coal Participating Area - Initial - 32nd Expansion
- Rosa Unit Mineral Ownership
- Federal
- Fee
- Partially Committed
- State
- Not Committed

Rosa Unit Tract No: XX



WPXENERGY.

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

Scale: 1:72,000 Projection: NAD 1983 State Plane NM West
Date: 06/07/2013 Author: GRR



- Pictured Cliffs Participating Area - Initial - 8th Expansion
- Rosa Unit Mineral Ownership**
- Federal
- Fee
- Partially Committed
- State
- Not Committed

Rosa Unit Tract No: XX

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



WPXENERGY

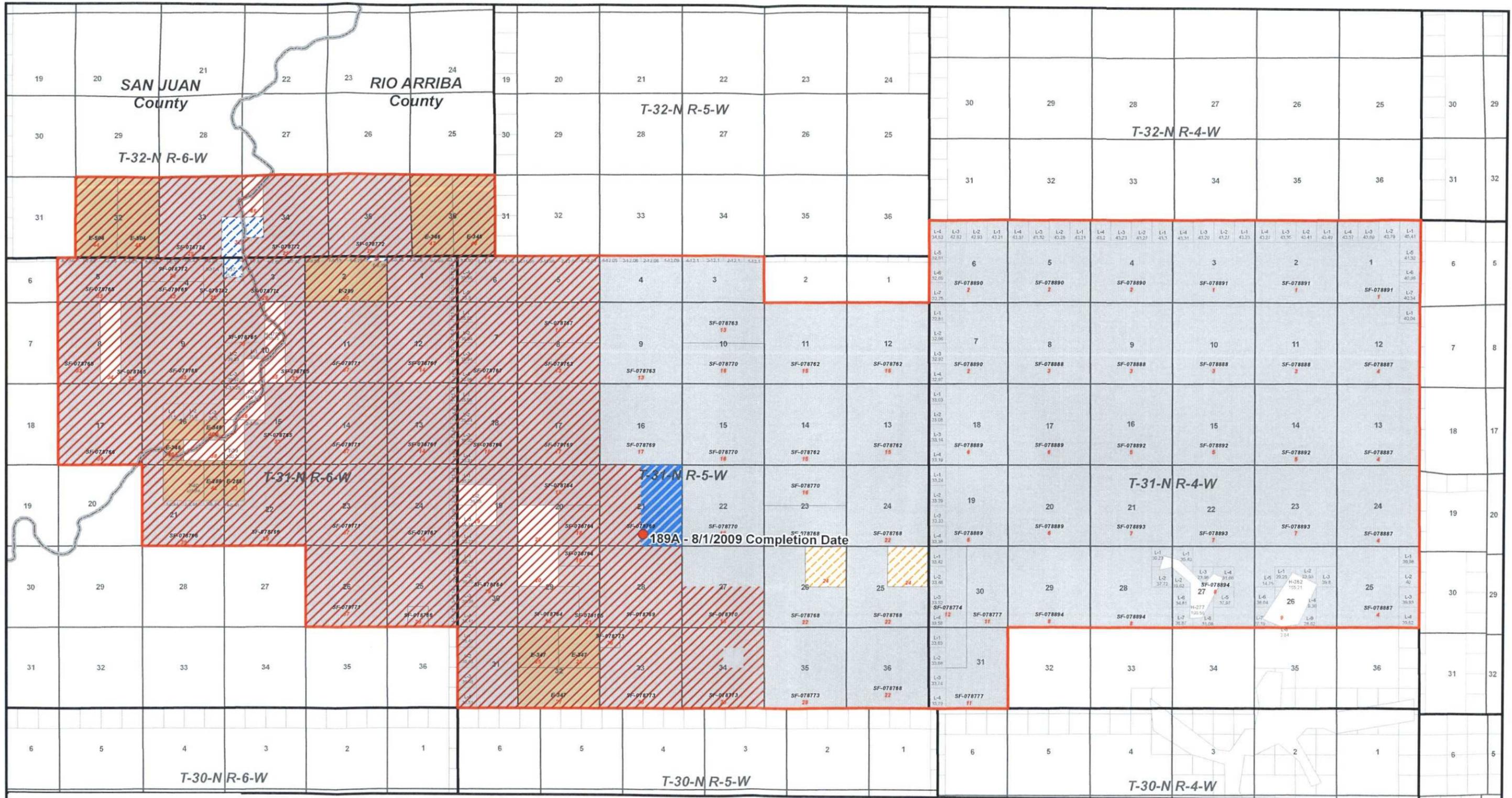
Rosa Unit
Pictured Cliffs Formation
 San Juan and Rio Arriba Counties, New Mexico

Scale: 1:72,000

Projection: NAD 1983 State Plane NM West

Date: 02/29/2012

Author: GRR



Mesaverde Participating Area - Projected - 27th Expansion
 Mesaverde Participating Area - Initial - 27th Expansion
Rosa Unit Mineral Ownership
 Federal
 Fee
 Partially Committed
 State
 Not Committed

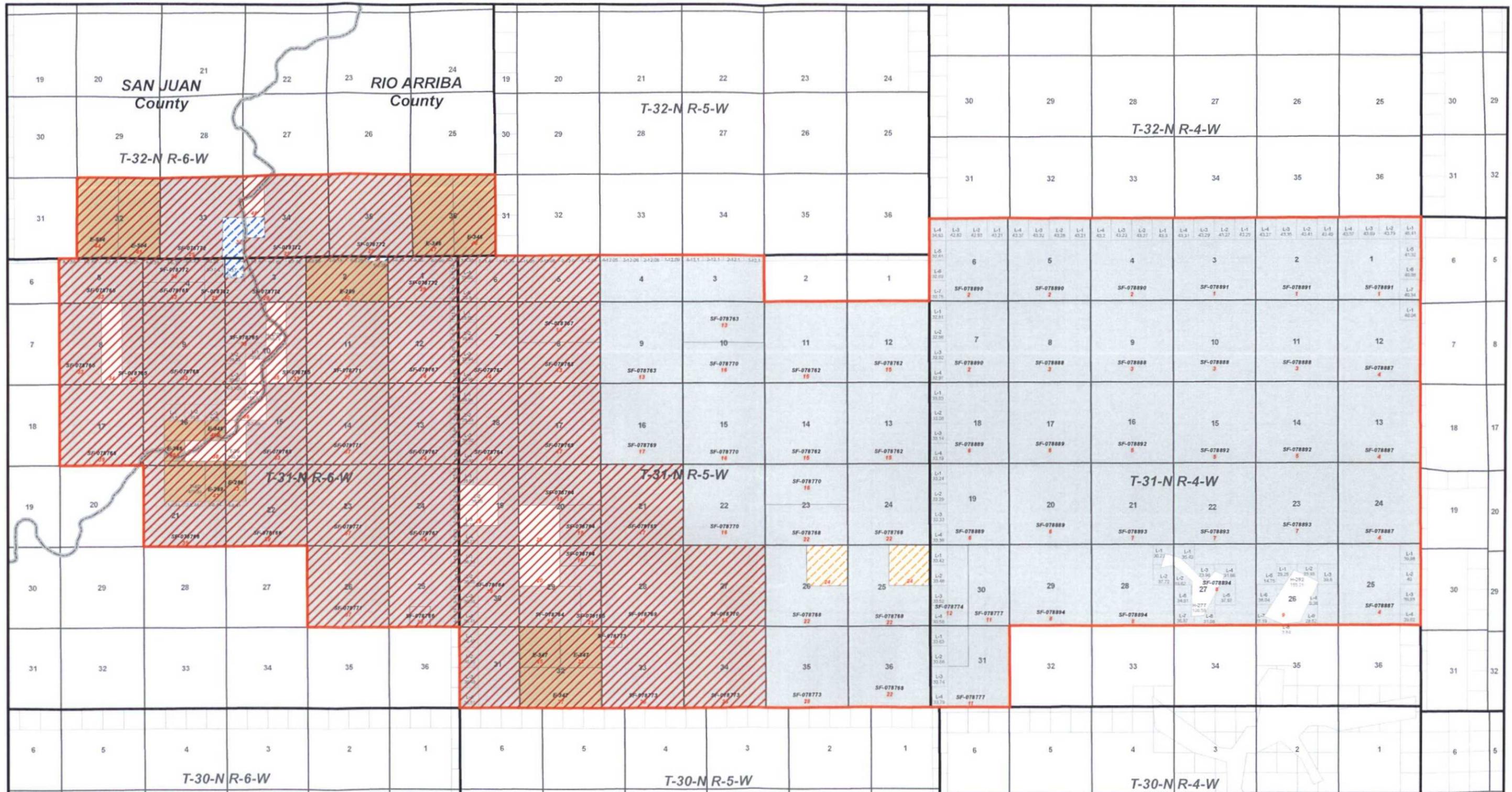
Rosa Unit Tract No: **XX**



WPXENERGY

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

Scale: 1:72,000 Projection: NAD 1983 State Plane NM West
 Date: 01/17/2013 Author: GRR



- Mancos Participating Area - Initial Expansion
- Rosa Unit Mineral Ownership**
- Federal
- Fee
- Partially Committed
- State
- Not Committed

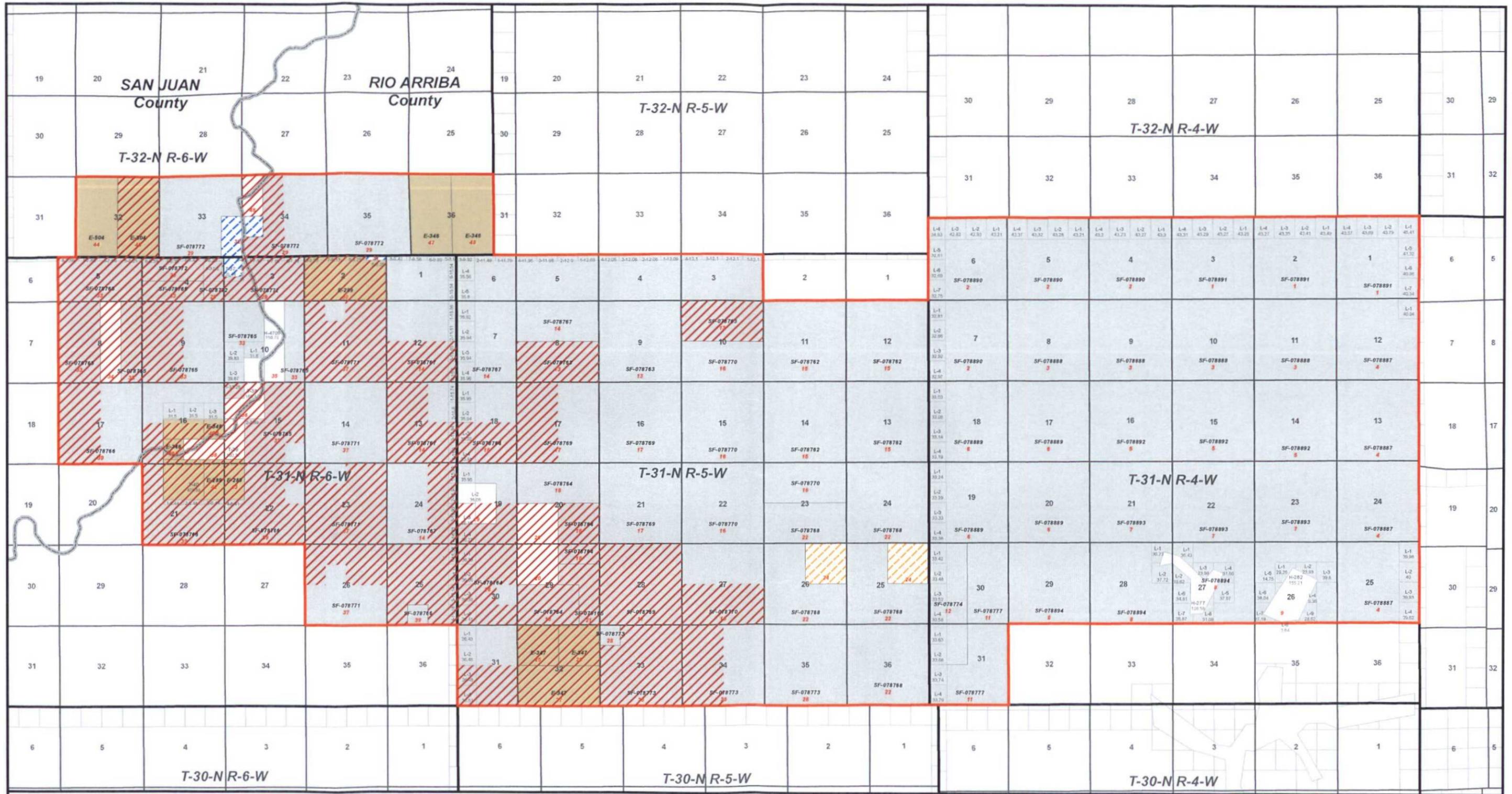
Rosa Unit Tract No: **XX**



WPXENERGY.

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

Scale: 1:72,000	Projection: NAD 1983 State Plane NM West
Date: 02/29/2012	Author: GRR



- Dakota Participating Area - Initial - 35th Expansion
- Rosa Unit Mineral Ownership**
- Federal
- Fee
- Partially Committed
- State
- Not Committed

Rosa Unit Tract No: **XX**

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



WPXENERGY

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

Scale: 1:72,000 Projection: NAD 1983 State Plane NM West
 Date: 02/29/2012 Author: GRR