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> | Formation | Operations Status |
|-------------------|------------------|--------------------------|
| 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. |
| <u>1</u> - | Dakota | Dropped from P.O.D. |
| | | • • |

Well Name Rosa Unit #125A Rosa Unit #137D Rosa Unit #146C Rosa Unit #147D Rosa Unit #154C Rosa Unit #154D Rosa Unit #166C Rosa Unit #168B Rosa Unit #168R Rosa Unit #185C Rosa Unit #186B Rosa Unit #189A Rosa Unit #189C Rosa Unit #193 Rosa Unit #200B Rosa Unit #217B Rosa Unit #217C Rosa Unit #228C Rosa Unit #261B Rosa Unit #280A Rosa Unit #282A Rosa Unit #283A Rosa Unit #284A Rosa Unit #285A Rosa Unit #287A Rosa Unit #288A Rosa Unit #293A Rosa Unit #294A Rosa Unit #309A Rosa Unit #312B Rosa Unit #313B Rosa Unit #347 Rosa Unit #364 Rosa Unit #364A Rosa Unit #365 Rosa Unit #365A Rosa Unit #367 Rosa Unit #367A Rosa Unit #368 Rosa Unit #368A Formation Mesaverde Dakota Fruitland Coal **Fruitland Coal** Fruitland Coal Fruitland Coal

Operations Status Dropped from P.O.D., Dropped from P.O.D. Dropped from P.O.D., Dropped from P.O.D. Dropped from P.O.D.. Dropped from P.O.D. Dropped from P.O.D., Dropped from P.O.D. Dropped from P.O.D.. Dropped from P.O.D. Dropped from P.O.D. Dropped from P.O.D. Dropped from P.O.D.. Dropped from P.O.D.. Dropped from P.O.D. Dropped from P.O.D. Dropped from P.O.D. Dropped from P.O.D. Dropped from P.O.D.. Dropped from P.O.D., Dropped from P.O.D. Dropped from P.O.D.

Well Name Rosa Unit #369 Rosa Unit #369A Rosa Unit #370A Rosa Unit #371A Rosa Unit #373 Rosa Unit #373A Rosa Unit #382A Rosa Unit #383A Rosa Unit #384 Rosa Unit #384A Rosa Unit #385 Rosa Unit #385A Rosa Unit #386 Rosa Unit #386A Rosa Unit #387 Rosa Unit #388 Rosa Unit #388A Rosa Unit #390 Rosa Unit #390A Rosa Unit #391 Rosa Unit #391A Rosa Unit #392 Rosa Unit #392A Rosa Unit #393 Rosa Unit #394 Rosa Unit #394A Rosa Unit #395 Rosa Unit #395A Rosa Unit #396 Rosa Unit #396A Rosa Unit #397 Rosa Unit #398 Rosa Unit #398A Rosa Unit #399 Rosa Unit #400A Rosa Unit #401A Rosa Unit #402 Rosa Unit #402A Rosa Unit #403A Rosa Unit #404 Rosa Unit #405 Rosa Unit #408 Rosa Unit #409 Rosa Unit #410 Rosa Unit #600 Rosa Unit #601 Rosa Unit 03 #7H Rosa Unit 04 #1H Rosa Unit 04 #2H Rosa Unit 04 #3H Rosa Unit 04 #4H Rosa Unit 04 #5H Rosa Unit 04 #6H

Rosa Unit 04 #7H

Formation Fruitland Coal Fruitland Coal Fruitland Coal Fruitland Coal Fruitland Coal Fruitiand Coal Fruitland Coal Fruitiand Coal Fruitland Coal Mesaverde Dakota Mesaverde Mancos Mancos Mancos Mancos Mancos Mancos Mancos Mancos

Operations Status Dropped from P.O.D. Dropped from P.O.D., Dropped from P.O.D. Drooped from P.O.D. Dropped from P.O.D. Carried over to 2017 P.O.D.

Well Name Rosa Unit 04 #8H Rosa Unit 04 #9H Rosa Unit 04 #10H Rosa Unit 04 #11H Rosa Unit 04 #12H Rosa Unit 04 #13H Rosa Unit 04 #14H Rosa Unit 04 #15H Rosa Unit 04 #16H Rosa Unit 04 #17H Rosa Unit 04 #18H Rosa Unit 04 #19H Rosa Unit 04 #20H Rosa Unit 05 #14H Rosa Unit 06 #14H Rosa Unit 27 #105H (Now 644H) Rosa Unit 27 #106H (Now 645H) Rosa Unit 27 #107H (Now 646H) Rosa Unit 27 #108H (Now 647H)

Formation Mancos Mancos

Operations Status Carried over to 2017 P.O.D. Carried over to 2017 P.O.D.

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

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

Well Name Rosa Unit #6Y Rosa Unit #140 Rosa Unit #312A Rosa Unit #351A Rosa Unit #360 Rosa Unit #378 Rosa Unit #648H Formation Mesaverde Pictured Cliffs Fruitland Fruitland Fruitland Fruitland 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> | Bottom Hole Location |
|--------------------------|------------------|----------------------------------|--------------------------------|
| 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 | | | |
| | 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 (No | Mancos | NWNW of Sec. 19, T31N, R5W | SWNW of Sec. 24, T31N, R6W |
| Rosa Unit 27 #106H (No | | 14441444 OF SEC. 19, 13114, NOVA | Sevine 01 Sec. 24, 13 He, 1000 |
| Rosa offic 27 #10011 (ND | Mancos | NWNW of Sec. 19, T31N, R5W | NENE of Sec. 20, T31N, R5W |
| Rosa Unit 27 #107H (No | | | NENE 01 000, 20, 10 m, 1000 |
| | Mancos | NWNW of Sec. 19, T31N, R5W | NENE of Sec. 20, T31N, R5W |
| Rosa Unit 27 #108H (No | | | |
| | 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 |
| | | | |

.

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,

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

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

WORKING INTEREST OWNERS ROSA UNIT

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

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

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

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

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

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

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

.

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

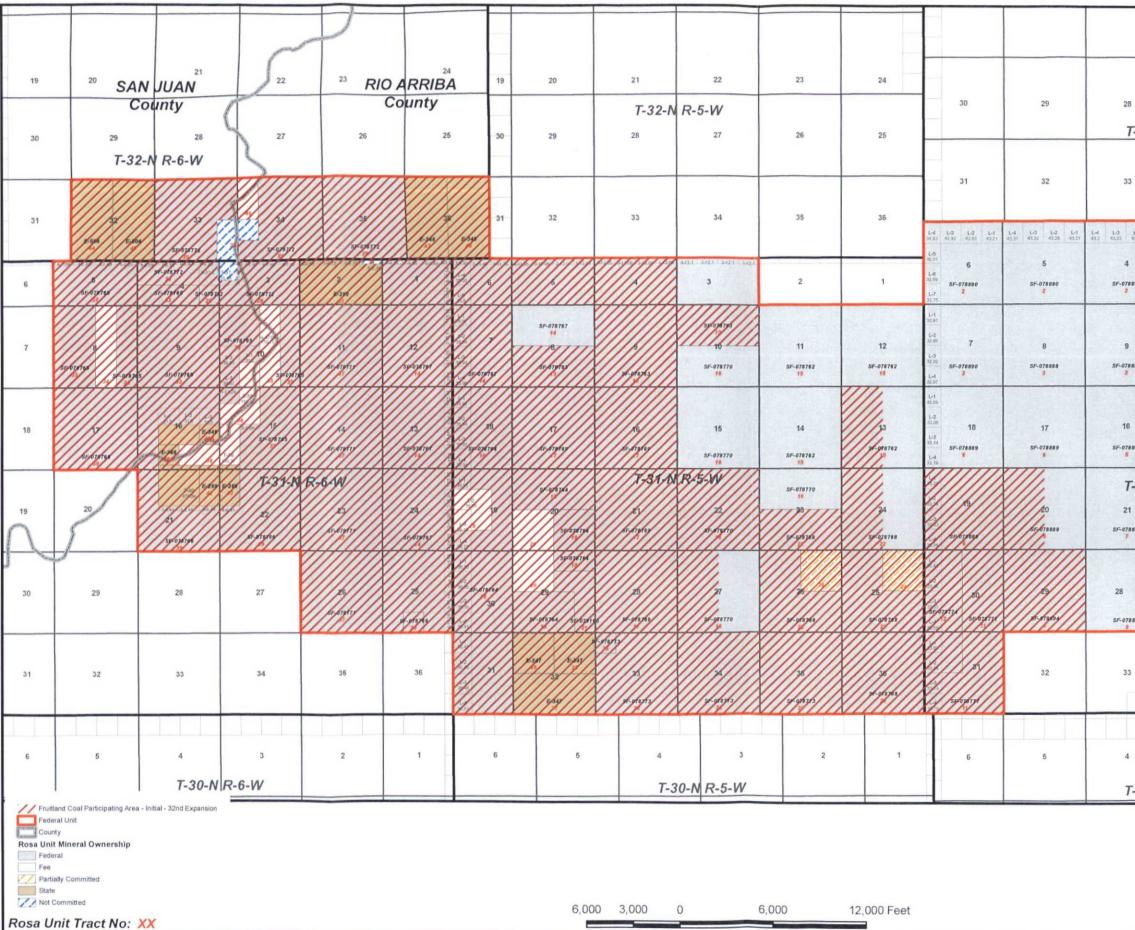
FRED E. TURNER, LLC 4925 GREENVILLE AVE., SUITE 852 DALLAS, TX 75206-4079

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

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

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

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

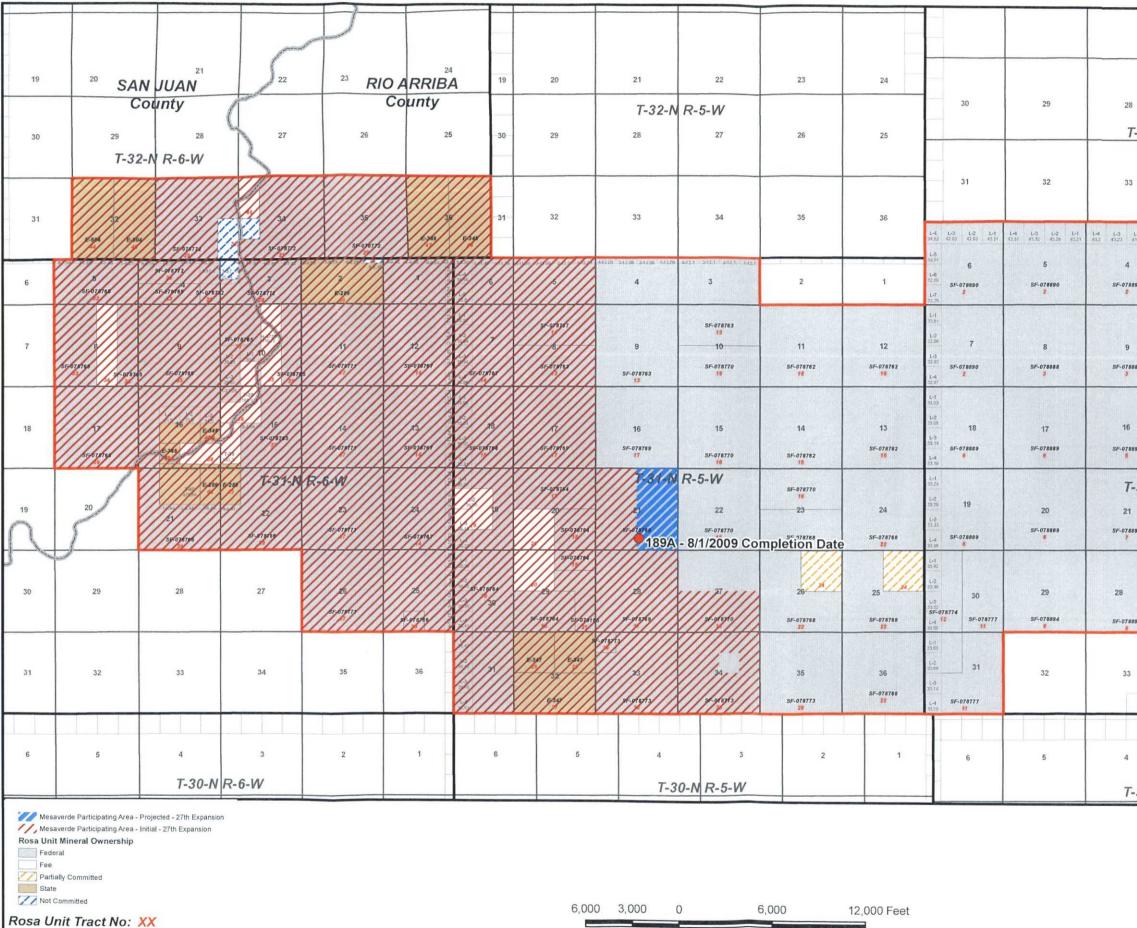


Path: R:\Project\San_Juan\Rosa_Unit\Participating_Areas\Rosa_Unit_Fruitland_PA_Init_32nd_Expansion_NoDate.mxd Date Saved: 9/30/2013 11:20:44 AM

| | | - | | _ | | | | |
|------------------------------|---|---|---|-------------------|--------|--|--|--|
| | | | | | | | | |
| 8 | 27 | 26 | 25 | 30 | 29 | | | |
| T 22 A | R-4-W | | | | | | | |
| 1-32-N | 14-4-11 | | | | + | | | |
| 3 | 34 | 35 | 36 | 31 | 32 | | | |
| 1-2 43.27 43.3 | 14 13/4/4 | 1 1 1 12 VI | L4 L3 L2 L1 4037 40.09 40.79 45.41 | | + | | | |
| 43.27 45.3 | en en 12/01 | 100 00 0.00 | 43.57 43.09 43.79 45.41 | | | | | |
| | 3/// | ///7 | 1 41.32 L6 | 6 | 5 | | | |
| 8890 | SF-078891 | 94-978891 | 40.06 | | | | | |
| | | 1111 | SF-078891 L-7 1 40.34 | | - | | | |
| 100 | | | L-1 40.04 | | | | | |
| , | 10 | 11 | 12 | 7 | 8 | | | |
| 8888 | SF-078888 | SF-078888 | SF-078887 | | | | | |
| | 3 | • | 4 | | | | | |
| | | | | | | | | |
| 6 | | 14 | 13 | | | | | |
| an li s | 15 | 14 | 13 | 18 | 17 | | | |
| 8892 | SF-078892 5 | SF-078892 | SF-078887 | | | | | |
| T_31_N | R-4-W | | | | + | | | |
| | 11-4-44 | | | | | | | |
| 1 | 22 | 23 | 24 | 19 | 20 | | | |
| 8893 | SF-078893 7 | SF-078893 7 | SF-078887 | | | | | |
| L-1 20.27 L-2 37.72 | L4 38.4 L2 316 31.6 35-07884 27 6 3881 4.777 L3 L3 5.87 L3 3887 3108 | L1 L2 L3 L3 L3 L3 L4 | 25 51-678887 L4 349 500 51-678887 L4 3482 | 30 | 29 | | | |
| 3 | 34 | 35 | 36 | 31 | 32 | | | |
| | | | | | - | | | |
| - | | 1 | | | + | | | |
| | 3 | 2 | 1 | 6 | 5 | | | |
| | DAW | | | | - | | | |
| 1-30-N | R-4-W | Y | | | | | | |
| | | WPXENERGY. | | | | | | |
| | Rosa Unit Fruitland Coal Formation San Juan and Rio Arriba Counties, New Mexico | | | | | | | |
| | · * 5 | Scale: 1:72,000 | Projection: NAD 198 | 33 State Plane NI | / West | | | |
| | | Date: 06/07/2013 | Author: GRR | | | | | |
| | And the second se | the second se | the second se | | | | | |

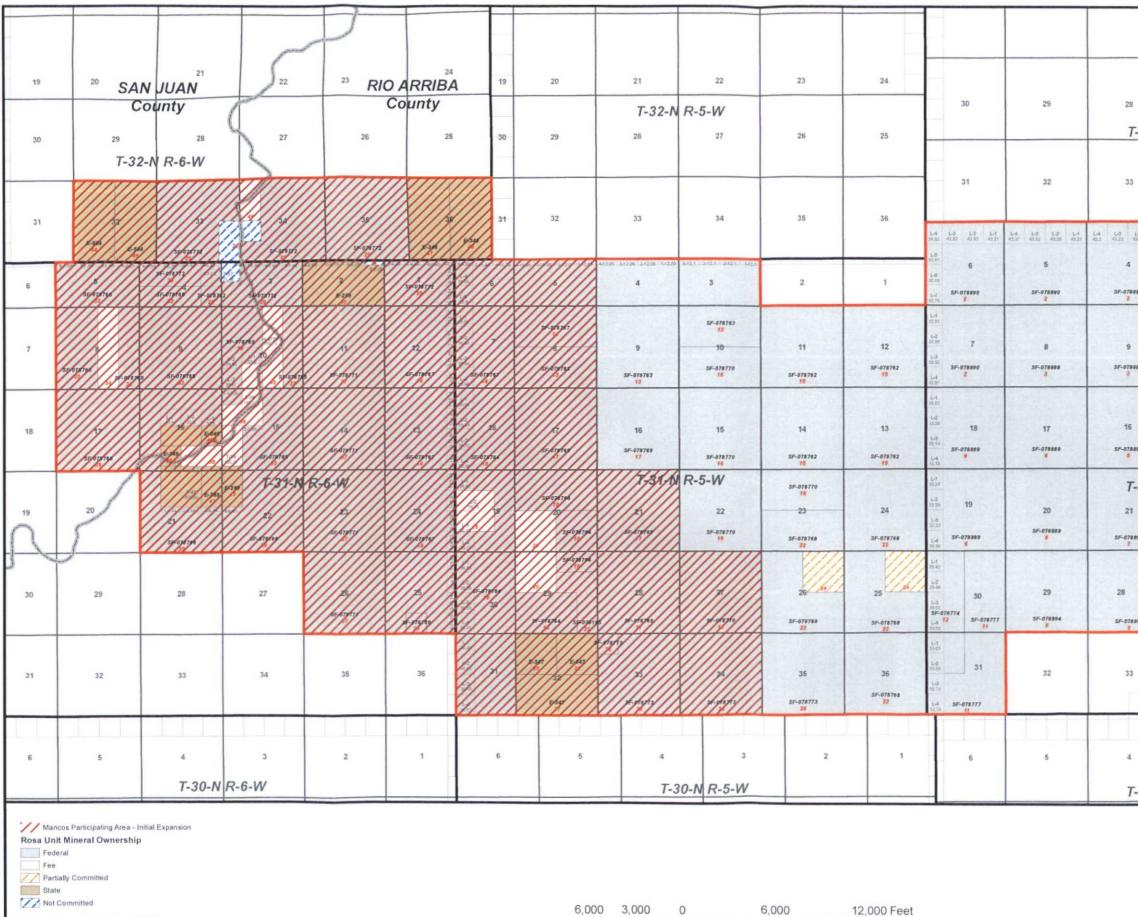
| 19 | 20 SA | | 22 | 23 RIG | D ARRIBA County | 19 | 20 | 21 | 22 | 23 | 24 | | | | | | | | |
|-----------|---|---|--------------------|------------------------------|---------------------------------------|-------------------------------------|----------------------------|-----------------|---------------------|-----------------|-----------------|--|------------------------------------|------------------------------------|---|--|-------------------------------------|-------------------|---------|
| | C | ounty | 1 | | County | | | T-32-N | R-5-W | | | 30 | 29 | 28 | 27 | 26 | 25 | 30 | 29 |
| 30 | 29 | 28 | 27 | 26 | 25 | | 29 | 28 | 27 | 26 | 25 | | | T-32-N | R-4-W | | | | - |
| | T-32 | -N R-6-W | 2 | | | | | | | | | - | | | | | | | |
| - | | | 1 | | | | | | | | | 31 | 32 | 33 | 34 | 35 | 36 | 31 | 32 |
| 31 | 32 | 33 | 34 | 35 | 36 | 31 | 32 | 33 | 34 | 35 | 36 | | | | | | | | 1 |
| | E-504 64 E-504 | SF-078772 | SF-078772 | SF-078772 | E-346 | E-348 41 | | | | | | L4 L3 L3 L3 L4 M31 4282 4281 4121 | 14 13 14 14 4137 4138 4128 4121 | 14 13 12 14 14 412 4121 412 413 | 1.4 1.0 1.2 1.4 43.21 40.29 40.27 40.29 | L-4 L-3 L-2 L-1 43,37 43,39 43,41 43,48 | | | + |
| | 45 139 7185 5236 5725 5 | 27 54:59 74:39 94:42 54:20 SF-078772 8-31.4 | 3 | 65.53 74.53 69.25 54.35 2 | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 1.4 | 411.05 311.08 3120 442.09 | | 4121 3421 3401 3401 | | | L6 1201 6 | 5 | 4 | 3 | 2 | 1 1 1 1 1 1 20,00 | 6 | 5 |
| 6 | 5 SF-078765 33 | 29 4 SF-078765 SF-07877 23 29 | 2 54-078772 | E-289 30 | 1 SF-078772 | 25.56 6 1-6 35.8 | 5 | 4 | 3 | 2 | 1 | L-7 SF-078890 | SF-078890 | SF-078890 2 | SF-078891 1 | SF-078891 1 | SF-078891 L-7 1 40.34 | | |
| | | | | | 11 [112.56 | L-1 76.92 | SF-078767 | | SF-078763 | | | L-1 TEM | | | | | L-1 42.04 | | |
| 7 | 1118 | | SF-078785 | 11 | 12 12 | 1-2 1-3 | 8 | 9 | 10 | 11 | 12 | 102 1236 13 100 | 8 | 9 | 10 | 11 | 12 | 7 | 8 |
| | SF-078765 33 SF-078761 34 33 | | L-3 39.80 35 33 | 5 SF-078771 37 | SF-078767 | 5F-078767 | SF-078783 13 | SF-078763 13 | SF-078770 18 | SF-078762 15 | SF-078762 15 | SF-078890 | SF-078888 | SF-078888 | SF-078888 3 | SF-078888 3 | SF-078887 4 | | |
| | | | 131.28 T.32 | | a 14674 | L-1 35.95 | | | | | | L-1 30.03 | | | | | | | |
| 18 | /////////////////////////////////////// | 16 16 16 16 16 16 16 16 16 16 16 16 16 1 | 5 11/11 | 14 | 13 4 | L-2 71.54 L-3 | 17 | 16 | 15 | 14 | 13 | 18 1-3 | 17 | 16 | 15 | 14 | 13 | 18 | 17 |
| | SF-078766 | E-348 | 1-30 SF-079165 | SF-078771 37 | SF-078767 | SF-078784 | SF-078769 17 | SF-078769 17 | SF-078770 10 | SF-078762 16 | SF-078762 15 | 52.14 SF-078889 L-4 33.19 | SF-078889 | SF-078892 8 | SF-078892 5 | SF-078892 | SF-078887 | - | |
| | | | 5-280 T-37-N | R-6-W | z (st6.52 | L-4 37.95 | | T-31-N | R-5-W | SF-078770 | | L-1 33.24 | | T-31-N | R-4-W | | | | - |
| 19 | 20 | | 7111/1/ | 23 | 24 8 | 19 | sF-078764 18 20 | 21 | 22 | 23 | 24 | 19 | 20 | 21 | 22 | 23 | 24 | 19 | 20 |
| \cap | 5 | 55-026796 | to finder | SF-078771 37 | SF-078767 | L-3 (9 26.16 | SF-078764 | SF-078769 17 | SF-078770 15 | SF-078768 | SF-078768 | 52.33 L-4 32.34 | SF-078889 | SF-078893 7 | SF-078893 7 | SF-078893 7 | SF-078887 | | |
| | 1 | | | /////// | //// | 1-1 38.30 | SF-078764 | | | | | L-1 33.42 | | 1.4 30.27 | 1.1 35.40 | 11 12 | L-1 36.58 | | |
| 30 | 29 | 28 | 27 | ///#/// | 11/2.11 | 1-2 36.31 SF-078764 1-3 30 | 20 29 | 28 | 27 | 26 14 | 25 25 | 1-2 33-40 30 | 29 | 28 L-2 37,72 | L-2 10.62 L-6 M.81 L-6 M.81 H-277 L-6 M.81 H-277 | L4 29.23 14.25 14.25 195.37 14 | | 30 | 29 |
| | | | | KE DINTI | 55-078765 | 26.30 30 | SF-078784 SF-07916 | 5 SF-078789 | SF-078770 | SF-078788 | SF-078768 | SF-078774 L-4 12 SF-078777 L350 11 | SF-078894 | SF-078894 | L4 M41 H-777 L-7 L4 M47 L4 L4 M47 L4 L4 L4 L4 L4 L4 L4 L4 L4 L4 L4 L4 L4 | L-6 26 L-4 0.00 | SF-078887 | | |
| | | | | | | 11. 36.40 | | -078773 | | | " | L-1 2.0 | | | | 1-d 3-84 | | | + |
| 31 | 32 | 33 | 34 | 35 | 36 | 1-2 36.45 31 | E-347 E-347 25 25 32 | 33 | 34 | 35 | 36 | 1.2 33.68 31 | 32 | 33 | 34 | 35 | 36 | 31 | 32 |
| | | | | | | L4 | E-347 | SF-078773 | SF-078773 | SF-078773 | SF-078768 | L-3 32.74 L-4 SF-078777 | | TK | | | | | - |
| | | | | | | - ALCE | | | | | | | | | | | | | + |
| 6 | 5 | 4 | 3 | 2 | 1 | 6 | 5 | 4 | 3 | 2 | 1 | 6 | 5 | 4 | 3 | 2 | 1 | 6 | 5 |
| | | T-30-N | R-6-W | | | | | T-3 | 30-N R-5-W | | | | | T-30-N | R-4-W | | | | |
| | | | | | | | | | | | | - | | 1-30-14 | 17-4-66 | , | WPXENERGY. | | |
| Rosa Unit | ed Cliffs Participating Ar Mineral Ownership | | n | | | | | | | | | | | | | | | | |
| Feder | | | | | | | | | | | | | | | | Pieter | Rosa Unit ed Cliffs Forma | ation | |
| State | | | | | | | | | | | | | | | ĩ | San Juan and Ri | | | ico |
| Rosa Un | ommitted | xx | | | | | 6,00 | 0 3,000 | 0 | 6,000 | 12,000 Feet | | | | | Scale: 1:72,000 | Projection: NAD 1 | 983 State Plane M | IM West |
| | | | | ured Cliffe PA Init 8th n | | | | | | | | | | | i D | ate: 02/29/2012 | Author: GRR | | |

Map Document: (R:\Project\San_Juan\Rosa_Unit\Participating_Areas\Rosa_Unit_Pictured_Cliffs_PA_Init_8th.mxd) 2/29/2012 -- 8:36:29 AM



Map Document: (R:\Project\San_Juan\Rosa_Unit\Participating_Areas\Rosa_Unit_Mesaverde_PA_Init_27th.mxd) 01/17/2013

| T-32-N R-4-W 3 36 31 32 a_{27}^{0} a_{23}^{0} a_{2 | A DESCRIPTION OF THE OWNER OWNER OF THE OWNER | the second s | | | | | | | |
|--|--|--|--|-----------------------|----|----|--|--|--|
| T-32-N R-4-W Image: Section 1 Image: Section 1 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> | | | | | | | | | |
| 3 34 35 36 31 32 10 11 12 1 15 5 10 11 12 7 8 10 11 12 7 8 10 11 12 7 8 10 11 12 7 8 10 11 12 7 8 10 11 12 7 8 10 11 12 7 8 10 11 12 7 8 10 11 12 7 8 10 11 12 7 8 10 11 12 7 8 10 11 12 7 8 10 11 12 7 8 10 12 20 24 19 20 10 12 25 10 25 10 20 10 12 1 13 18 17 10 12 1 13 13 20 10 12 1 13 13 21 10 13 2 | | | 26 | 25 | 30 | 29 | | | |
| 3 2 1 4da base 6 5 35-07897 35-07897 35-07897 4da base 6 5 10 11 12 7 8 36 15 14 13 18 17 55-07897 55-07897 55-07897 55-07897 19 20 55-07897 55-07897 55-07897 55-07897 19 20 55-07897 55-07897 55-07897 55-07897 19 20 55-07897 55-07897 55-07897 55-07897 19 20 55-07897 55-07897 55-07897 55-07897 50 25 50 25 50 25 50 20 | | | 35 | 36 | 31 | 32 | | | |
| 10 11 12 7 8 15 14 13 18 17 15 14 13 18 17 -31-N R-4-W 22 23 24 19 20 16 12 27 8 17 17 22 23 24 19 20 16 14 13 18 17 17 22 23 24 19 20 16 16 16 16 16 19 20 16 16 16 25 16 19 20 16 16 25 16 25 13 30 29 16 16 25 16 25 13 31 32 17 13 14 35 36 31 32 30 29 16 16 16 16 16 13 13 12 17 16 16 16 17 10 <th1< td=""><td></td><td>3 SF-078891</td><td>2 SF-078891</td><td>1 1 5F-078891</td><td>6</td><td>5</td></th1<> | | 3 SF-078891 | 2 SF-078891 | 1 1 5F-078891 | 6 | 5 | | | |
| Image: Non-State Plane NM West | | SF~078888 | SF-078888 | 12 SF-078887 | 7 | 8 | | | |
| SF-078833 SF-078833 SF-078833 SF-078837 SF-078837 <t< td=""><td></td><td>SF-078892</td><td>SF-078892</td><td>SF-078887</td><td>18</td><td>17</td></t<> | | SF-078892 | SF-078892 | SF-078887 | 18 | 17 | | | |
| 1/2 1/3 1/4 1/3 1/3 1/3 1/3 1/3 1/4 1/3 1/3 1/4 1 | 1 8893 | 22 SF-078893 7 | SF-078893 | SF-078887 | 19 | 20 | | | |
| 34 35 36 31 32 33 32 31 32 31 32 31 32 31 32 31 32 31 32 32 31 32 31 32 32 31 32 32 33 34 34 34 35 35 36 31 32 35 36 31 32 32 32 32 32 32 32 32 32 32 | 10.29 L-2 37.72 | L-3 L-4 L-2 27.06 21.00 27 5F-078894 L-6 L-5 54.41 31.97 | 1-6 36.04 26 1-4 8.30 1-7 9 1-8 7.19 26.02 | 25 25 5F-076887 | 30 | 29 | | | |
| -30-N R-4-W WPXENERGY Rosa Unit Mesaverde Formation San Juan and Rio Arriba Counties, New Mexico Scale: 1:72,000 Projection: NAD 1983 State Plane NM West | | 34 | | 36 | 31 | 32 | | | |
| Rosa Unit Mesaverde Formation San Juan and Rio Arriba Counties, New Mexico Scale: 1:72,000 Projection: NAD 1983 State Plane NM West | -30-N | | 2 | 1 | 6 | 5 | | | |
| " Scale: 1:72,000 Projection: NAD 1983 State Plane NM West | | | Rosa Unit Mesaverde Formation | | | | | | |
| | | " - * Sc | ale: 1:72,000 | Projection: NAD 19 | | - | | | |

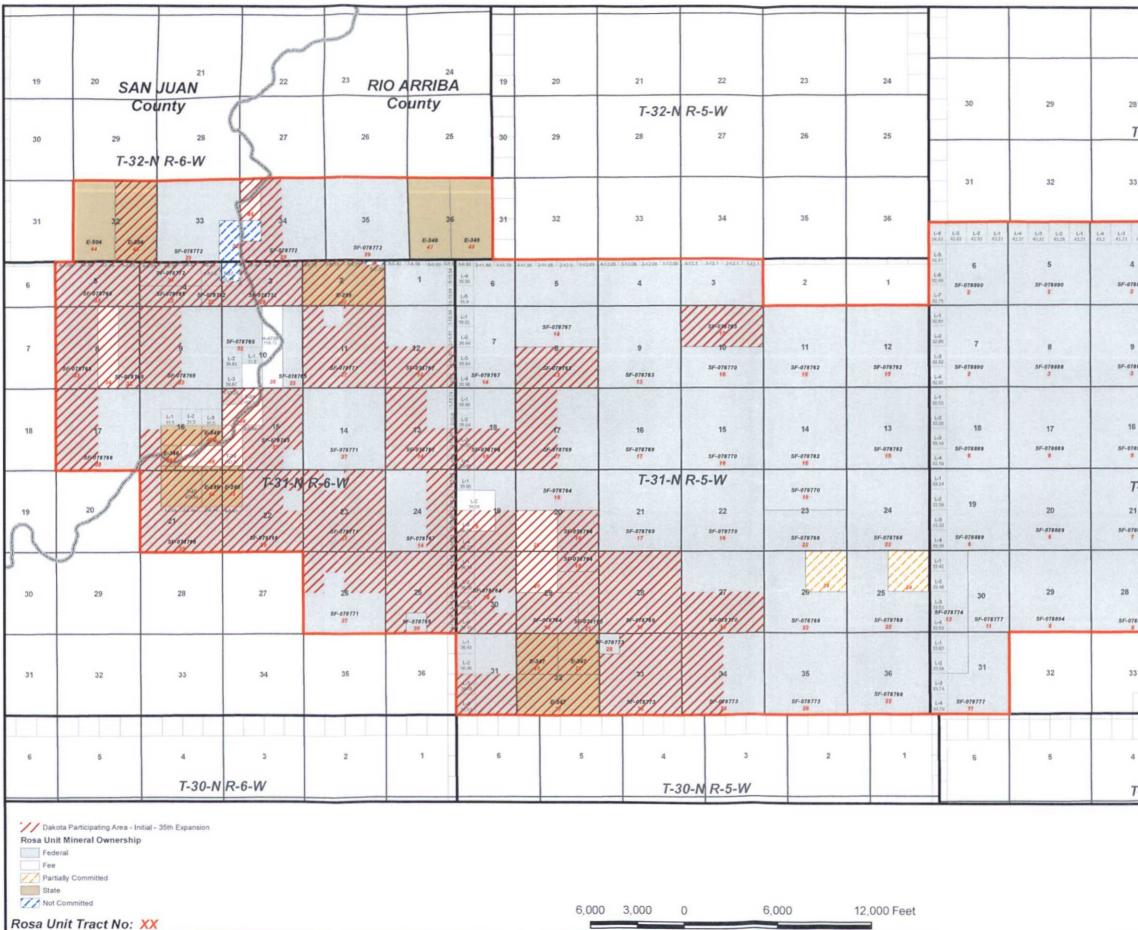


-

Map Document: (R:\Project\San_Juan\Rosa_Unit\Participating_Areas\Rosa_Unit_Mancos_PA_Init.mxd) 2/29/2012 -- 8:26:37 AM

Rosa Unit Tract No: XX

| | of the local division of the local divisiono | | | | | | | |
|---------------------|--|---|----------------------------|-------------------|----------|--|--|--|
| | | | | | | | | |
| | | | | | | | | |
| 8 | 27 | 26 | 25 | 30 | 29 | | | |
| T-32-N | R-4-W | | | | | | | |
| | | | | | | | | |
| 3 | 34 | 35 | 36 | 31 | 32 | | | |
| | | | | | | | | |
| 14 14 90.27 40.3 | 14 13 12 14 433 432 432 432 | 14 13 12 14 1017 1035 1041 1040 | 14 13 12 14 25 28 25 54 | | \vdash | | | |
| | 3 | 2 | 1 | 6 | 5 | | | |
| | | 1.1.1.1.1.1.1 | 1.4 41.00 | U U | | | | |
| 8890 | SF-078891 1 | 5F-078891 1 | SF-078891 L-7 1 40.34 | | | | | |
| | | | 41 4004 | | | | | |
| | 10 | 11 | 12 | 7 | 8 | | | |
| **** | SF-078888 3 | SF-078888 3 | SF-078887 | | | | | |
| | | | | | | | | |
| 5 | 15 | 14 | 13 | | | | | |
| 8892 | | SF-078892 | SF-078887 | 18 | 17 | | | |
| | SF-078892 5 | 5-0/0032 | 31-0/888/ | | | | | |
| T-31-N | R-4-W | | | | | | | |
| 1 | 22 | 23 | 24 | 19 | 20 | | | |
| 8893 | SF-078893 7 | SF-078893 7 | SF-078887 | | | | | |
| | 14 35.0 | 14 12 | L-1 X0.04 | | \vdash | | | |
| 1-2 87.72 | L-3 L-4 22.140 \$1.00 8.42 \$F-078894 27 | 1475 H-282 1475 H-282 155 11 | 25 ^{Ld} 40 | 30 | 29 | | | |
| 18294 | L-6 34:31 H-277 1-8:34 | 1-6 26 1-4 AM | SF-078887 | | 20 | | | |
| | 1.4 1.8 36.87 31.08 | L-7 9 L-0 77.19 28.52 7.54 | 4 L4 3682 | | - | | | |
| | | | | | | | | |
| 3 | 34 | 35 | 36 | 31 | 32 | | | |
| | | | | | | | | |
| | | A | | | | | | |
| | 3 | 2 | 1 | 6 | 5 | | | |
| T. 20 N | R-4-W | | | | | | | |
| 1-30-14 | 11-4-11 | | WPXENERGY. | | - | | | |
| | | | | | | | | |
| | ž | Rosa Unit Mancos Formation San Juan and Rio Arriba Counties, New Mexico | | | | | | |
| | **** | Scale: 1:72,000 | Projection: NAD 198 | 33 State Plane NM | West | | | |
| | š [| Date: 02/29/2012 | Author: GRR | | | | | |



Document Path: R:\Project\San_Juan\Rosa_Unit\Participating_Areas\Rosa_Unit_Dakota_PA_Init_35th.mxd

| 3 27 25 25 26 30 29 13 34 35 36 31 32 14 15 1 15 1 12 15 14 13 16 6 6 10 11 12 7 8 10 11 12 7 8 10 11 12 7 8 10 11 12 7 8 10 11 12 7 8 10 11 12 7 8 10 11 12 7 8 10 11 12 7 8 10 11 12 7 8 10 13 16 17 19 20 10 10 11 12 26 10 10 10 10 12 10 10 10 10 10 10 10 10 10 10 10 <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> | | | | | | |
|--|-----------------------|--|--|--|-------------------|------|
| T-32-N R-4-W 33 34 35 36 31 32 13 34 35 36 31 32 14 3 2 1 44 6 5 14 3 2 1 44 6 5 14 3 2 1 44 6 5 16 10 11 12 7 8 16 15 14 13 18 17 17-31-N R-4-W 23 24 19 20 18 12 23 24 19 20 18 22 23 24 19 20 19 22 23 24 19 20 19 20 1 10 | | | | | | |
| 3 34 35 36 31 32 10 11 32 1 10 11 12 10 11 12 1 10 11 12 10 11 12 1 10 11 12 11 12 1 10 11 12 7 8 11 12 1 10 11 12 7 8 11 12 13 18 17 11 22 23 24 19 20 11 22 23 24 19 20 12 23 24 19 20 11 22 23 24 19 20 12 23 24 19 20 13 34 35 36 31 32 14 13 18 17 19 20 14 13 18 17 19 20 14 25 14 13 18 17 15 14 13 18 17 10 14 25 16 25 10 10 | | | 26 | 25 | 30 | 29 |
| 13 14 13 14 13 14 13 18 17 14 3 2 1 14 13 18 17 15 14 13 18 17 16 15 14 13 18 17 17 23 24 19 20 18 17 23 24 19 20 11 22 23 24 19 20 11 22 23 24 19 20 11 22 23 24 19 20 11 22 23 24 19 20 11 22 23 24 19 20 11 22 23 24 19 20 11 22 23 24 19 20 14 13 18 17 10 10 25 13 34 35 35 36 31 32 13 34 <td>T-32-N</td> <td>R-4-W</td> <td></td> <td></td> <td></td> <td></td> | T-32-N | R-4-W | | | | |
| A 3 2 1 40 6 5 B Discretes Discretes <thdiscretes<< td=""><td>33</td><td>34</td><td>35</td><td>36</td><td>31</td><td>32</td></thdiscretes<<> | 33 | 34 | 35 | 36 | 31 | 32 |
| An 3 2 1 6 5 10 11 12 7 8 9 10 11 12 7 8 6 15 14 13 18 17 7 8 55-07887 55-07887 18 17 6 15 14 13 18 17 7 8 55-07887 55-07887 19 20 7 8 55-07887 55-07887 19 20 7 8 55-07887 55-07887 19 20 7 8 55-07887 55-07887 19 20 7 8 55-07887 55-07887 19 20 7 8 55-07887 55-07887 19 20 7 8 55-07887 55-07887 19 20 7 8 55-07887 55-07887 19 20 20 7 8 55-07887 25 56 30 29 7 | 1-2 1-4 40.27 90.3 | L4 L8 L2 L1 4321 4329 4327 432 | L-4 L-3 L-2 L-1 40,27 40,35 40,41 40,49 | L4 L3 L2 L4 4337 43,09 4375 45,41 | | |
| SK-0788F | 1 | 3 | 2 | 1 | 6 | 5 |
| 0 10 11 12 7 8 0 10 11 12 7 8 0 15 14 13 18 17 1 15 14 13 18 17 1 12 23 24 19 20 1 12 23 24 19 20 1 12 23 24 19 20 1 12 23 24 19 20 1 12 23 24 19 20 1 10 10 10 10 10 20 1 10 10 10 10 10 20 1 13 16 17 10 10 20 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 1 | | | | 42.38 SF-078891 L.7 | | |
| a 10 11 12 7 8 b 15 14 13 18 17 b 15 14 13 18 17 c 12 23 24 19 20 c 10 12 23 24 19 20 c 10 12 10 10 20 10 20 c 10 10 10 10 10 20 10 20 c 10 10 10 10 10 20 10 20 | | | | 42.34 | | |
| SF-07888 SF-07888 SF-07888 SF-07887 A 6 15 14 13 18 17 7888 SF-07887 SF-07887 SF-07887 SF-07887 19 20 7893 SF-07887 SF-07887 SF-07887 SF-07887 19 20 7893 SF-07887 SF-07887 SF-07887 SF-07887 19 20 11 22 23 24 19 20 11 22 23 SF-07887 SF-07887 30 29 12 SF-07887 SF-07887 SF-07887 30 29 13 34 35 36 31 32 14 3 25 36 31 32 14 3 2 1 6 5 15 14 13 16 13 32 16 34 35 36 31 32 16 3 | | | | 40.04 | | |
| 6 15 14 13 18 17 11 22 23 24 19 20 11 22 23 24 19 20 11 22 23 24 19 20 11 22 23 24 19 20 11 22 23 24 19 20 11 22 23 24 19 20 11 22 23 24 19 20 12 14 13 18 17 14 25 14 13 18 17 15 14 13 19 20 10 | 9 | 10 | 11 | 12 | 7 | 8 |
| 11 22 23 24 19 20 11 22 23 24 19 20 11 22 23 24 19 20 12 12 23 24 19 20 12 12 14 14 19 20 12 12 14 14 19 20 12 12 14 14 19 20 13 34 26 14 19 20 13 34 35 36 31 32 13 34 2 1 6 5 13 34 2 1 6 5 14 3 2 1 6 5 13 34 35 36 31 32 14 3 2 1 6 5 15 10 10 10 1 | | | | | | |
| 11 22 23 24 19 20 11 22 23 24 19 20 11 22 23 24 19 20 12 12 23 24 19 20 12 12 14 14 19 20 12 12 14 14 19 20 12 12 14 14 19 20 13 34 26 14 19 20 13 34 35 36 31 32 13 34 2 1 6 5 13 34 2 1 6 5 14 3 2 1 6 5 13 34 35 36 31 32 14 3 2 1 6 5 15 10 10 10 1 | | | and the second second | | | |
| 11 22 23 24 19 20 11 22 23 24 19 20 11 22 23 24 19 20 12 12 23 24 19 20 12 12 14 14 19 20 12 12 14 14 19 20 12 12 14 14 19 20 13 34 26 14 19 20 13 34 35 36 31 32 13 34 2 1 6 5 13 34 2 1 6 5 14 3 2 1 6 5 13 34 35 36 31 32 14 3 2 1 6 5 15 10 10 10 1 | 6 | 15 | 14 | 13 | | |
| T-31-N R-4-W 1 22 23 24 19 20 1 22 23 5F-07883 5F-07883 5F-07883 1 22 23 5F-07883 5F-07883 5F-07883 1 22 23 5F-07883 5F-07883 5F-07883 1 22 23 5F-07883 5F-07883 5F-07887 1 1 22 25 10 5 1 1 22 1 5 30 29 1 1 25 10 30 29 1 1 2 1 5 30 29 1 1 2 1 5 30 29 1 1 2 1 6 5 1 3 3 3 3 3 3 3 3 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 <td< td=""><td></td><td>1010122.040</td><td></td><td></td><td>18</td><td>17</td></td<> | | 1010122.040 | | | 18 | 17 |
| 11 22 23 24 19 20 11 22 35-578853 35-578853 35-578853 35-578857 19 20 11 12 14 15 15 15 15 10 10 20 11 12 14 15 15 15 15 16 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> | | | | | | |
| 1 | T-31-N | R-4-W | | | | |
| SF-078893 SF-07887 13 34 15 15 13 34 35 36 31 32 13 34 35 36 31 32 14 3 25 10 10 10 10 13 34 35 36 31 32 13 34 35 36 31 32 14 3 2 1 6 5 13 34 35 36 31 32 14 3 2 1 6 5 13 34 35 36 31 32 14 3 2 1 6 5 13 34 35 36 31 32 14 3 2 1 6 5 15 10 10 10 10 10 16 10 10 <td></td> <td>22</td> <td>23</td> <td>24</td> <td>19</td> <td>20</td> | | 22 | 23 | 24 | 19 | 20 |
| 1007 250 100 | 78893 | | | | | |
| A 3 2 1 6 5 T-30-N R-4-W WPXENERGY. Rosa Unit Dakota Formation San Juan and Rio Arriba Counties, New Mexico Scale: 1:72,000 Projection: NAD 1983 State Plane NM West | 1.2 37.72 | 25.0 L-3 L-4 L-2 23.09 91.00 10.02 5F-078894 L-5 L-5 | L-8 38.04 26 L-4 1-7 9 L-9 7.19 L09 | 25 25 25 57-078887 40 1.3 30,93 1.4 | 30 | 29 |
| T-30-N R-4-W WPXENERGY. Rosa Unit Dakota Formation San Juan and Rio Arriba Counties, New Mexico Scale: 1:72,000 Projection: NAD 1983 State Plane NM West | 13 | 34 | 35 | 36 | 31 | 32 |
| T-30-N R-4-W WPXENERGY. Rosa Unit Dakota Formation San Juan and Rio Arriba Counties, New Mexico Scale: 1:72,000 Projection: NAD 1983 State Plane NM West | | | | | | - |
| T-30-N R-4-W WPXENERGY. Rosa Unit Dakota Formation San Juan and Rio Arriba Counties, New Mexico Scale: 1:72,000 Projection: NAD 1983 State Plane NM West | | XY | L.A | 1 | | |
| Rosa Unit Dakota Formation San Juan and Rio Arriba Counties, New Mexico Scale: 1:72,000 Projection: NAD 1983 State Plane NM West | | Th/ | | | 6 | 0 |
| Rosa Unit Dakota Formation San Juan and Rio Arriba Counties, New Mexico Scale: 1:72,000 Projection: NAD 1983 State Plane NM West | T-30-N | R-4-W | 4 | | | |
| Dakota Formation San Juan and Rio Arriba Counties, New Mexico "Scale: 1:72,000 Projection: NAD 1983 State Plane NM West | | | 1 | WPXENERGY. | | |
| V | | Ĩ | | kota Formation | , New Mexic | 0 |
| Date: 02/29/2012 Author: GRR | | *** | Scale: 1:72,000 | Projection: NAD 19 | 83 State Plane NM | West |
| | | ¥ (| Date: 02/29/2012 | Author: GRR | | |