

PATRICK H. LYONS
COMMISSIONER

State of New Mexico
Commissioner of Public Lands

310 OLD SANTA FE TRAIL
P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

COMMISSIONER'S OFFICE

Phone (505) 827-5760
Fax (505) 827-5766
www.nmstatelands.org

April 11, 2006

Williams Exploration & Production
One Williams Center
P.O. Box 3102
Tulsa, Oklahoma 74101--3102

Attn: Mr. M. Vern Hansen

Re: 2006 Plan of Development
Rosa Unit
San Juan and Rio Arriba Counties, New Mexico

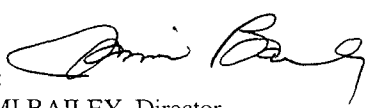
Dear Mr. Hansen:

The Commissioner of Public Lands has, of this date, approved the referenced Plan of Development. Our approval is subject to like approval by all other appropriate agencies. The possibility of drainage by wells outside the unit area, and the need for further development of the unit may exist; therefore, we may contact you at a later date regarding these possibilities.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

PATRICK H. LYONS
COMMISSIONER OF PUBLIC LANDS

BY: 
JAMI BAILEY, Director
Oil, Gas and Minerals Division
(505) 827-5744

PL/JB/cpm

Enclosure

xc: Reader File

~~OCD-Attention: David Catanach~~

BLM

2006 APR 12 PM 12:17

-State Land Office Beneficiaries -

Carrie Tingley Hospital • Charitable Penal & Reform • Common Schools • Eastern NM University • Rio Grande Improvement • Miners' Hospital of NM • NM Boys School • NM Highlands University • NM Institute of Mining & Technology • New Mexico Military Institute • NM School for the Deaf • NM School for the Visually Handicapped • NM State Hospital • New Mexico State University • Northern NM Community College • Penitentiary of New Mexico • Public Buildings at Capital • State Park Commission • University of New Mexico • UNM Saline Lands • Water Reservoirs • Western New Mexico University



2005 APR 10 PM 1 20

April 5, 2006

EXPLORATION & PRODUCTION
One Williams Center
P.O. Box 3102
Tulsa, OK 74101-3102
918/573-2000

Assistant District Manager, Minerals (3)
Bureau of Land Management
Farmington Resources Area
Attn: Wayne Townsend
1235 La Plata highway
Farmington, NM 87401

Re: Rosa Unit I – Sec. 587
San Juan and Rio Arriba Counties, New Mexico
Dakota Participating Area

Dear Wayne,

Per our phone conversation regarding the corrections on the Rosa Dakota 10-18 expansions enclosed are the corrected schedules. Corrected schedules are also being sent to the State of New Mexico Commissioner of Public Lands and Oil Conservation Division.

12th expansion – corrected expansion date to September 1, 1995
17th expansion – corrected expansion date to January 1, 1999
18th expansion – corrected expansion letter to reflect the same tract information as the MV in Sec. 16 T31N R6W.

Sincerely,

Kristine Russell
Sr. Contract Administrator
Williams Production Co. LLP
918/573-6181
918/573-0681 fax
Kris.russell@williams.com



PROD-0-144-02

October 14, 2002
Corrected 04/04/06

EXPLORATION & PRODUCTION

One Williams Center
P.O. Box 3102
Tulsa, OK 74101-3102
918/573-2000

Assistant District Manager, Minerals (3 copies)
Bureau of Land Management
Farmington Resources Area
Attn: Wayne Townsend
1235 La Plata Highway
Farmington, NM 87401

State of New Mexico (2 copies)
Commissioner of Public Lands
Attn: Mr. Pete Martinez
P.O. Box 1148
Santa Fe, NM 87504-1148

State of New Mexico (2 copies)
Oil Conservation Division
Attn: Roy Johnson
1220 S. St. Francis
Santa Fe, NM 87505

Re: Rosa Unit I - Sec. 587
San Juan and Rio Arriba Counties, New Mexico
Dakota Participating Area

Tenth Expansion – Effective 12/1/93
Eleventh Expansion – Effective 11/1/94
Twelfth Expansion – Effective 9/1/95
Thirteenth Expansion – Effective 10/1/95
Fourteenth Expansion – Effective 9/1/96
Fifteenth Expansion – Effective 10/01/96
Sixteenth Expansion – Effective 11/1/96
Seventeenth Expansion – Effective 1/1/99
Eighteenth Expansion – Effective 9/1/00

Ladies & Gentlemen:

Pursuant to the provisions of Section 10 of the Rosa Unit Agreement I – Section Number 587, approved January 24, 1948, Williams Production Company, LLC, as Unit Operator, hereby respectfully requests approval of the referenced expansions for the Dakota Formation. Pursuant to the BLM letter, attached is a list of all wells that have been deemed commercial.

ROSA UNIT DAKOTA

Tenth Expansion – Effective 12/01/93

Total P/A Acres = 3335.75

<u>Wells</u>	<u>Tract #</u>	<u>Tract Description</u>	<u>Tract Acres</u>	<u>Lease No</u>
Rosa Unit #96	39	T31N R6W, Sec. 17: W/2	320.00	SF078766

Eleventh Expansion – Effective 11/1/94

Total P/A Acres = 3655.75

<u>Wells</u>	<u>Tract #</u>	<u>Tract Description</u>	<u>Tract Acres</u>	<u>Lease No</u>
Rosa Unit #1E	37	T31N R6W, Sec. 11: E/2	320.00	SF078771

Twelveth Expansion – September 1, 1995

Total P/A Acres = 4322.66

<u>Wells</u>	<u>Tract #</u>	<u>Tract Description</u>	<u>Tract Acres</u>	<u>Lease No</u>
Rosa Unit ##15A	18	T31N R5W, Sec. 29: W/2SE/4,SW/4	240	SF078764
	21	T31N R5W, Sec. 29: E/2SE/4	80	SF079165
Rosa Unit #148	30	T31N R6W, Sec. 2: Lots,6,7,8, S/2	346.91	E-289-53

Thirteenth Expansion – October 1, 1995

Total P/A Acres = 4434.40

<u>Wells</u>	<u>Tract #</u>	<u>Tract Description</u>	<u>Tract Acres</u>	<u>Lease No</u>
Rosa Unit #125E	14	T31N R6W, Sec. 13: W/2SSE/4, Lots 3, 4	111.74	SF078767

ROSA UNIT DAKOTA

Fourteenth Expansion – September 1, 1996

Total P/A Acres = 4705.75

Wells	Tract #	Tract Description	Tract Acres	Lease No
Rosa Unit #30	14	T31N R6W, Sec. 12: S/2	271.35	SF078767

Fifteenth Expansion – October 1, 1996

Total P/A Acres = 4938.18

Wells	Tract #	Tract Description	Tract Acres	Lease No
Rosa Unit #159	18	T31N R5W, Sec. 19: E/2SE/4, SW/4SE/4 Lot 4	156.27	SF078764
	19	T31N R5W, Sec. 19: NW/4SE/4, Lot 3	76.16	Fee

Sixteenth Expansion – November 1, 1996

Total P/A Acres = 5898.18

Wells	Tract #	Tract Description	Tract Acres	Lease No
Rosa Unit #64M	18	T31N R5W, Sec. 29: N2NE/4	80.00	SF078764
	20	T31N R5W, Sec. 29: NW/4	160.00	Fee
	21	T31N R5W, Sec. 29: S/2NE/4,	80.00	SF079165
Rosa Unit #26A	26	T31N R5W, Sec. 32: NE/4	160.00	E-347-48
	27	T31N R5W, Sec. 32: SE/4	160.00	E-347-55
Rosa Unit #24A	25	T31N R5W, Sec. 32: NW/4	160.00	E-347-56
	27	T31N R5W, Sec. 32: SW/4	160.00	E-347-55

Seventeenth Expansion – January 1, 1999

Total P/A Acres = 6218.18

Wells	Tract #	Tract Description	Tract Acres	Lease No
Rosa Unit #29M	45	T32N R6W, Sec. 32: E/2	320.00	E-504-19

ROSA UNIT DAKOTA

Eighteenth Expansion – September 1, 2000

Total P/A Acres = 6538.18

Wells	Tract #	Tract Description	Tract	Lease
			Acres	No
Rosa Unit #185A	38	T31N R6W, Sec. 16: Tract 39	80.00	Fee
	39	T31N R6W, Sec. 16: W/2SW/4	80.00	SF078766
	40	T31N R6W, Sec. 16: NE/4SW/4,NW/4SE/4	63.12	E-346-20
	40A	T31N R6W, Sec. 16: SE/4SW/4,NE/4SE/4	71.56	E-346-22
	41	T31N R6W, Sec. 16: S/2S/2SE/4SW/4, S/2S/2SW/4SE/4	16.88	E-289
	42	T31N R6W, Sec. 16: S/2S/2SE/4SE/4	8.44	E-289

Attached hereto are the schedules for the Tenth through the Eighteenth Expansions for the participating area. The schedules describe the participating area, show the percentages of ownership in the tracts, and show the percentages of unitized substances allocated to each unitized tract. Also included is a map reflecting the boundaries of the unit and the proposed Dakota Participating Area within the Rosa Unit.

If these proposed Expansions as set forth herein meets with your approval, please indicate such approval in the space provided on the attached sheet and return an approved copy for our files.

Copies of this application are being sent to the Working Interest Owners shown on the attached sheet. If you have any questions or need any additional information, please contact the undersigned at (918) 573-6181.

Sincerely,


Kristine Russell
Senior Production Analyst

Cc: Working Interest Owners
Rosa DK File

Bureau of Land Management
Commissioner of Public Lands
Oil Conservation Commission

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 & Gas Supervisor
And the Oil Conservation Commission

APPROVED _____ DATE _____
Oil Conservation Commission
Subject to like approval by the Area Oil & Gas Supervisor
And the Commissioners of Public Lands

The foregoing are approvals for the Tenth through the Eighteenth Expansions in the Dakota Formation of the Rosa Unit
I - Sec. 587.

WORKING INTEREST OWNERS
ROSA UNIT DAKOTA

BP Amoco Production Company
ATTN: San Juan Asset Team
P.O. Box 3092
Houston, TX 77253-3092

Mr. Fred E. Turner
One Energy Square, #852
4925 Greenville Avenue
Dallas, TX 75206-4079

Mary Frances Turner, Jr Trust
ATTN: Iris Gleiser
P.O. Box 660197
Dallas, TX 75266-0197

The Wiser Oil Company
ATTN: Matt Eagleston
8115 Preston Road, #400
Dallas, TX 75225

Ms. Elizabeth T. Calloway
P.O. Box 191767
Dallas, TX 75219-1767

Mr. J. Glenn Turner, Jr.
3838 Oak Lawn
Suite 1600
Dallas, TX 75219

Mr. John Turner
PMB 285
317 Sidney Baker South #400
Kerrville, TX 78028

SCHEDULE XI
TENTH PARTICIPATING AREA FOR THE DAKOTA FORMATION ROSA UNIT

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
			<u>Tract 13</u>			0.09593045
SF-078763	T31N R5W Sec 8: S/2 Rosa #80	320.00	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000% 100.000000%	87.500000% 12.500000% 0.000000%	
			<u>Tract 13A</u>			0.09593045
SF-078763	T31N R5W Sec 10: N/2 Rosa #70	320.00	Williams Production Co. LLC ROYALTY ORRI	100.000000% 100.000000%	81.250000% 12.500000% 6.250000%	
SF-078767	T31N R6W Sec 13: W/2 Sec 24: Lots 1,2,3,4, W/2E/2 (E2) Rosa #66, Rosa #66M (INF), Rosa #116	543.92	<u>Tract 14</u> WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000% 100.000000%	87.500000% 12.500000% 0.000000%	0.16305778
			<u>Tract 17</u>			0.09593045
SF-078769	T31N R5W Sec 17: W/2 Rosa #68, Rosa #31B (INF)	320.00	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000% 100.000000%	87.500000% 12.500000% 0.000000%	
			<u>Tract 18</u>			0.06949861
SF-078764	T31N R5W Sec 18: LOTS 3,4, SE/4 (S/2) Rosa #119	231.83	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000% 100.000000%	87.500000% 12.500000% 0.000000%	
			<u>Tract 28</u>			0.09593045
SF-078773	T31N R5W Sec 33: S/2 Rosa #77, Rosa #77A (INF)	320.00	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000% 0.000000% 100.000000%	87.500000% 12.500000% 0.000000%	
SF-078771	T31N R6W Sec 23: S/2 Rosa #98	320.00	<u>TRACT 37</u> WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000% 100.000000%	87.500000% 12.500000% 0.000000%	0.09593045
			<u>Tract 39</u>			0.26632991
SF-078766	T31N R6W Sec 21: S/2 Sec 22: Lot 1, E/2NW/4, SW/4 Sec 17: W/2 Rosa #96, Rosa #79, Rosa #100 Rosa #79B (INF)	888.41	WORKING INTEREST Amoco Production Company * ROYALTY ORRI	100.000000% 100.000000%	87.500000% 12.500000% 0.000000%	

SCHEDULE XI
TENTH PARTICIPATING AREA FOR THE DAKOTA FORMATION ROSA UNIT

			<u>Tract 43</u>						0.02146145
E-289-50	T31N R6W	71.59	WORKING INTEREST						
	Sec 22: Portion of Tract 40		Williams Production Co. LLC	100.000000%	82.500000%				
	Lying in W/2NW/4		ROYALTY		12.500000%				
	Rosa #79, Rosa #79B		ORRI		5.000000%				
				100.000000%	100.000000%				
		3335.75							100.000000%

SCHEDULE XII
ELEVENTH PARTICIPATING AREA FOR THE DAKOTA FORMATION ROSA UNIT

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
			<u>Tract 13</u>			0.08753334
SF-078763	T31N R5W Sec 8: S/2 Rosa #80	320.00	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000% 100.000000%	87.500000% 12.500000% 0.000000% 100.000000%	
			<u>Tract 13A</u>			0.08753334
SF-078763	T31N R5W Sec 10: N/2 Rosa #70	320.00	Williams Production Co. LLC ROYALTY ORRI	100.000000% 100.000000%	81.250000% 12.500000% 6.250000% 100.000000%	
SF-078767	T31N R6W Sec 13: W/2 Sec 24: Lots 1,2,3,4, W/2E/2 (E2) Rosa #66, Rosa #66M (INF), Rosa #116	543.92	<u>Tract 14</u> WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000% 100.000000%	87.500000% 12.500000% 0.000000% 100.000000%	0.14878479
			<u>Tract 17</u>			0.08753334
SF-078769	T31N R5W Sec 17: W/2 Rosa #68, Rosa #31B (INF)	320.00	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000% 100.000000%	87.500000% 12.500000% 0.000000% 100.000000%	
			<u>Tract 18</u>			0.06341517
SF-078764	T31N R5W Sec 18: LOTS 3,4, SE/4 (S/2) Rosa #119	231.83	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000% 100.000000%	87.500000% 12.500000% 0.000000% 100.000000%	
			<u>Tract 28</u>			0.08753334
SF-078773	T31N R5W Sec 33: S/2 Rosa #77, Rosa #77A (INF)	320.00	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000% 0.000000% 100.000000%	87.500000% 12.500000% 0.000000% 100.000000%	
SF-078771	T31N R6W Sec 23: S/2 Sec 11: E/2 Rosa #98, Rosa #1E	640.00	<u>TRACT 37</u> WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000% 100.000000%	87.500000% 12.500000% 0.000000% 100.000000%	0.17506668
			<u>Tract 39</u>			0.24301716
SF-078766	T31N R6W Sec 21: S/2 Sec 22: Lot 1, E/2NW/4, SW/4 Sec 17: W/2 Rosa #96, Rosa #79, Rosa #100 Rosa #79B (INF)	888.41	WORKING INTEREST Amoco Production Company * ROYALTY ORRI	100.000000% 100.000000%	87.500000% 12.500000% 0.000000% 100.000000%	

SCHEDULE XII
ELEVENTH PARTICIPATING AREA FOR THE DAKOTA FORMATION ROSA UNIT

E-289-50	T31N R6W Sec. 22: Portion of Tract 40 Lying in W/2 NW/4 Rosa #79, Rosa #79B	71.59	<u>Tract 43</u>			0.01958284
			WORKING INTEREST			
			Williams Production Co. LLC	100.000000%	82.500000%	
			ROYALTY		12.500000%	
			ORRI		5.000000%	
				100.000000%	100.000000%	
		3655.75				100.000000%

SCHEDULE XIII
TWELVETH PARTICIPATING AREA FOR THE DAKOTA FORMATION ROSA UNIT

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
			<u>Tract 13</u>			0.07402849
SF-078763	T31N R5W Sec 8: S/2 Rosa #80	320.00	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000% 100.000000%	87.500000% 12.500000% 0.000000%	
			<u>Tract 13A</u>			0.07402849
SF-078763	T31N R5W Sec 10: N/2 Rosa #70	320.00	Williams Production Co. LLC ROYALTY ORRI	100.000000% 100.000000%	81.250000% 12.500000% 6.250000%	
SF-078767	T31N R6W Sec 13: W/2 Sec 24: Lots 1,2,3,4, W/2E/2 (E2) Rosa #66, Rosa #66M (INF), Rosa #116	543.92	<u>Tract 14</u> WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000% 100.000000%	87.500000% 12.500000% 0.000000%	0.12582993
			<u>Tract 17</u>			0.07402849
SF-078769	T31N R5W Sec 17: W/2 Rosa #68, Rosa #31B (INF)	320.00	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000% 100.000000%	87.500000% 12.500000% 0.000000%	
			<u>Tract 18</u>			0.1091527
SF-078764	T31N R5W Sec 18: LOTS 3,4, SE/4 (S/2) Sec 29: W/2SE/4,SW/4 Rosa #119, Rosa #15A	471.83	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000% 100.000000%	87.500000% 12.500000% 0.000000%	
			<u>Tract 21</u>			0.01850712
SF-079165	T31N R5W Sec 29: E/2SE/4 Rosa #15A	80.00	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000% 100.000000%	87.500000% 12.500000% 0.000000%	
			<u>Tract 28</u>			0.07402849
SF-078773	T31N R5W Sec 33: S/2 Rosa #77, Rosa #77A (INF)	320.00	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000% 0.000000% 100.000000%	87.500000% 12.500000% 0.000000%	
			<u>Tract 30</u>			0.08025383
E-289-53	T31N R6W Sec 2: Lots 6,7,8, & S/2 Rosa #148	346.91	WORKING INTEREST Amoco Production Company Williams Production Co, LLC ROYALTY ORRI	100.000000% 100.000000%	85.000000% 12.500000% 2.500000%	

SCHEDULE XIII
TWELVETH PARTICIPATING AREA FOR THE DAKOTA FORMATION ROSA UNIT

		<u>Tract 31</u>				0
VB0435	T31N R6W Sec 2: Lots 5, Rosa #148 This tract is not committed to the unit					
SF-078771	T31N R6W Sec 23: S/2 Sec 11: E/2 Rosa #98, Rosa #1E	640.00	<u>TRACT 37</u> WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000%	87.500000% 12.500000% 0.000000%	0.14805698
				100.000000%	100.000000%	
		<u>Tract 39</u>				0.20552391
SF-078766	T31N R6W Sec 21: S/2 Sec 22: Lot 1, E/2NW/4, SW/4 Sec 17: W/2 Rosa #96, Rosa #79, Rosa #100 Rosa #79B (INF)	888.41	WORKING INTEREST Amoco Production Company * ROYALTY ORRI	100.000000%	87.500000% 12.500000% 0.000000%	
				100.000000%	100.000000%	
		<u>Tract 43</u>				0.01656157
E-289-50	T31N R6W Sec 22: Portion of Tract 40 Lying in W/2NW/4 Rosa #79, Rosa #79B	71.59	WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.000000%	82.500000% 12.500000% 5.000000%	
				100.000000%	100.000000%	
		4322.66				100.000000%

SCHEDULE XIV
THIRTEENTH PARTICIPATING AREA FOR THE DAKOTA FORMATION ROSA UNIT

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	TRACT OWNERSHIP	GW PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
			<u>Tract 13</u>			0.07216309
SF-078763	T31N R5W Sec 8: S/2 Rosa #80	320.00	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000% 100.000000%	87.500000% 12.500000% 0.000000% 100.000000%	
			<u>Tract 13A</u>			0.07216309
SF-078763	T31N R5W Sec 10: N/2 Rosa #70	320.00	Williams Production Co. LLC ROYALTY ORRI	100.000000% 100.000000%	81.250000% 12.500000% 6.250000% 100.000000%	
SF-078767	T31N R6W Sec 13: W/2,W/2SE/4, Lots 3 & 4 Sec 24: Lots 1,2,3,4, W/2E/2 (E2) Rosa #66, Rosa #66M (INF), Rosa #116, Rosa #125E	655.66	<u>Tract 14</u> WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000% 100.000000%	87.500000% 12.500000% 0.000000% 100.000000%	0.14785766
			<u>Tract 17</u>			0.07216309
SF-078769	T31N R5W Sec 17: W/2 Rosa #68, Rosa #31B (INF)	320.00	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000% 100.000000%	87.500000% 12.500000% 0.000000% 100.000000%	
			<u>Tract 18</u>			0.10640222
SF-078764	T31N R5W Sec 18: LOTS 3,4, SE/4 (S/2) Sec 29: W/2SE/4,SW/4 Rosa #119, Rosa #15A	471.83	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000% 100.000000%	87.500000% 12.500000% 0.000000% 100.000000%	
			<u>Tract 21</u>			0.01804077
SF-079165	T31N R5W Sec 29: E/2SE/4 Rosa #15A	80.00	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000% 100.000000%	87.500000% 12.500000% 0.000000% 100.000000%	
			<u>Tract 28</u>			0.07216309
SF-078773	T31N R5W Sec 33: S/2 Rosa #77, Rosa #77A (INF)	320.00	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000% 0.000000% 100.000000%	87.500000% 12.500000% 0.000000% 100.000000%	
			<u>Tract 30</u>			0.07823155
E-289-53	T31N R6W Sec 2: Lots 6,7,8, & S/2 Rosa #148	346.91	WORKING INTEREST Amoco Production Company Williams Production Co, LLC ROYALTY ORRI	100.000000% 100.000000%	85.000000% 12.500000% 2.500000% 100.000000%	

SCHEDULE XIV
THIRTEENTH PARTICIPATING AREA FOR THE DAKOTA FORMATION ROSA UNIT

		<u>Tract 31</u>				
VB0435	T31N R6W Sec 2: Lots 5, Rosa #148 This tract is not committed to the unit					0
SF-078771	T31N R6W Sec 23: S/2 Sec 11: E/2 Rosa #98, Rosa #1E	640.00	<u>TRACT 37</u>			0.14432618
			WORKING INTEREST			
			Amoco Production Company	100.000000%	87.500000%	
			ROYALTY		12.500000%	
			ORRI		0.000000%	
				100.000000%	100.000000%	
SF-078766	T31N R6W Sec 21: S/2 Sec 22: Lot 1, E/2NW/4, SW/4 Sec 17: W/2 Rosa #96, Rosa #79, Rosa #100 Rosa #79B (INF)	888.41	<u>Tract 39</u>			0.20034503
			WORKING INTEREST			
			Amoco Production Company *	100.000000%	87.500000%	
			ROYALTY		12.500000%	
			ORRI		0.000000%	
				100.000000%	100.000000%	
E-289-50	T31N R6W Sec 22: Portion of Tract 40 Lying in W/2NW/4 Rosa #79, Rosa #79B	71.59	<u>Tract 43</u>			0.01614423
			WORKING INTEREST			
			Williams Production Co. LLC	100.000000%	82.500000%	
			ROYALTY		12.500000%	
			ORRI		5.000000%	
				100.000000%	100.000000%	
		4434.40				100.000000%

SCHEDULE XV
FOURTEENTH PARTICIPATING AREA FOR THE DAKOTA FORMATION ROSA UNIT

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
			<u>Tract 13</u>			0.06800191
SF-078763	T31N R5W Sec 8: S/2 Rosa #80	320.00	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000% 12.500000% 0.000000%	87.500000% 12.500000% 0.000000%	
				100.000000%	100.000000%	
			<u>Tract 13A</u>			0.06800191
SF-078763	T31N R5W Sec 10: N/2 Rosa #70	320.00	Williams Production Co. LLC ROYALTY ORRI	100.000000% 12.500000% 6.250000%	81.250000% 12.500000% 6.250000%	
				100.000000%	100.000000%	
SF-078767	T31N R6W Sec 12: S/2 (271.35) Sec 13: W/2, W/2SE/4, Lots 3 & 4 Sec 24: Lots 1,2,3,4, W/2E/2 (E2) Rosa #66, Rosa #66M (INF), Rosa #116, Rosa #125E, Rosa #30, Rosa #30B (INF)	927.01	<u>Tract 14</u> WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000% 12.500000% 0.000000%	87.500000% 12.500000% 0.000000%	0.19699517
				100.000000%	100.000000%	
			<u>Tract 17</u>			0.06800191
SF-078769	T31N R5W Sec 17: W/2 Rosa #68, Rosa #31B (INF)	320.00	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000% 12.500000% 0.000000%	87.500000% 12.500000% 0.000000%	
				100.000000%	100.000000%	
			<u>Tract 18</u>			0.1002667
SF-078764	T31N R5W Sec 18: LOTS 3,4, SE/4 (S/2) Sec 29: W/2SE/4,SW/4 Rosa #119, Rosa #15A	471.83	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000% 12.500000% 0.000000%	87.500000% 12.500000% 0.000000%	
				100.000000%	100.000000%	
			<u>Tract 21</u>			0.01700048
SF-079165	T31N R5W Sec 29: E/2SE/4 Rosa #15A	80.00	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000% 12.500000% 0.000000%	87.500000% 12.500000% 0.000000%	
				100.000000%	100.000000%	
			<u>Tract 28</u>			0.06800191
SF-078773	T31N R5W Sec 33: S/2 Rosa #77, Rosa #77A (INF)	320.00	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000% 12.500000% 0.000000%	87.500000% 12.500000% 0.000000%	
				100.000000%	100.000000%	
			<u>Tract 30</u>			0.07372045
E-289-53	T31N R6W Sec 2: Lots 6,7,8, & S/2 Rosa #148	346.91	WORKING INTEREST Amoco Production Company Williams Production Co, LLC ROYALTY ORRI	100.000000% 12.500000% 2.500000%	85.000000% 12.500000% 2.500000%	
				100.000000%	100.000000%	

SCHEDULE XV
FOURTEENTH PARTICIPATING AREA FOR THE DAKOTA FORMATION ROSA UNIT

<u>Tract 31</u>					
VB0435	T31N R6W Sec 2: Lots 5, Rosa #148 This tract is not committed to the unit				0.00000000
SF-078771	T31N R6W Sec 23: S/2 Sec 11: E/2 Rosa #98, Rosa #1E	640.00	<u>TRACT 37</u> WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000% 87.500000% 12.500000% 0.000000% 100.000000% 100.000000%	0.13600383
SF-078766	T31N R6W Sec 21: S/2 Sec 22: Lot 1, E/2NW/4, SW/4 Sec 17: W/2 Rosa #96, Rosa #79, Rosa #100 Rosa #79B (INF)	888.41	<u>Tract 39</u> WORKING INTEREST Amoco Production Company * ROYALTY ORRI	100.000000% 87.500000% 12.500000% 0.000000% 100.000000% 100.000000%	0.18879243
E-289-50	T31N R6W Sec 22: Portion of Tract 40 Lying in W/2NW/4 Rosa #79, Rosa #79B	71.59	<u>Tract 43</u> WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.000000% 82.500000% 12.500000% 5.000000% 100.000000% 100.000000%	0.0152133
		4705.75			100.000000%

SCHEDULE XVI
FIFTEENTH PARTICIPATING AREA FOR THE DAKOTA FORMATION ROSA UNIT

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	TRACT OWNERSHIP	GW PERCENTAGE	NR PERCENTAGE	PARTICIPATION FACTOR
			<u>Tract 13</u>			0.0648012
SF-078763	T31N R5W Sec 8: S/2 Rosa #80	320.00	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000%	87.500000% 12.500000% 0.000000%	
				100.000000%	100.000000%	
			<u>Tract 13A</u>			0.0648012
SF-078763	T31N R5W Sec 10: N/2 Rosa #70	320.00	Williams Production Co. LLC ROYALTY ORRI	100.000000%	81.250000% 12.500000% 6.250000%	
				100.000000%	100.000000%	
SF-078767	T31N R6W Sec 12: S/2 (271.35) Sec 13: W/2, W/2SE/4, Lots 3 & 4 Sec 24: Lots 1,2,3,4, W/2E/2 (E2) Rosa #66, Rosa #66M (INF), Rosa #116, Rosa #125E, Rosa #30, Rosa #30B (INF)	927.01	<u>Tract 14</u> WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000%	87.500000% 12.500000% 0.000000%	0.18772301
				100.000000%	100.000000%	
			<u>Tract 17</u>			0.0648012
SF-078769	T31N R5W Sec 17: W/2 Rosa #68, Rosa #31B (INF)	320.00	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000%	87.500000% 12.500000% 0.000000%	
				100.000000%	100.000000%	
			<u>Tract 18</u>			0.12719261
SF-078764	T31N R5W Sec 18: LOTS 3,4, SE/4 (S/2) Sec 19: E/2SE/4,SW/4SE/4, Lot 4 Sec 29: W/2SE/4,SW/4 Rosa #119, Rosa #15A, Rosa #159	628.10	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000%	87.500000% 12.500000% 0.000000%	
				100.000000%	100.000000%	
			<u>Tract 19</u>			0.01542269
Miguel A. Gonzales et ux	T31N R5W Sec 19: NW/4SE/4, Lot 3 Rosa #159	76.16	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000%	87.500000% 12.500000% 0.000000%	
				100.000000%	100.000000%	
			<u>Tract 21</u>			0.0162003
SF-079165	T31N R5W Sec 29: E/2SE/4 Rosa #15A	80.00	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000%	87.500000% 12.500000% 0.000000%	
				100.000000%	100.000000%	
			<u>Tract 28</u>			0.0648012
SF-078773	T31N R5W Sec 33: S/2 Rosa #77, Rosa #77A (INF)	320.00	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000%	87.500000% 12.500000% 0.000000%	
				100.000000%	100.000000%	

SCHEDULE XVI
FIFTEENTH PARTICIPATING AREA FOR THE DAKOTA FORMATION ROSA UNIT

E-289-53	T31N R6W	346.91	<u>Tract 30</u>		0.07025058	
	Sec 2: Lots 6,7,8, & S/2		WORKING INTEREST			
	Rosa #148		Amoco Production Company	100.000000%		85.000000%
			Williams Production Co, LLC			
			ROYALTY			12.500000%
	ORRI		2.500000%			
			100.000000%	100.000000%		
VB0435	T31N R6W		<u>Tract 31</u>		0	
	Sec 2: Lots 5,					
	Rosa #148					
	This tract is not committed to					
	the unit					
SF-078771	T31N R6W	640.00	<u>TRACT 37</u>		0.1296024	
	Sec 23: S/2		WORKING INTEREST			
	Sec 11: E/2		Amoco Production Company	100.000000%		87.500000%
	Rosa #98, Rosa #1E		ROYALTY			12.500000%
			ORRI			0.000000%
			100.000000%	100.000000%		
SF-078766	T31N R6W	888.41	<u>Tract 39</u>		0.17990636	
	Sec 21: S/2		WORKING INTEREST			
	Sec 22: Lot 1, E/2NW/4, SW/4		Amoco Production Company *	100.000000%		87.500000%
	Sec 17: W/2		ROYALTY			12.500000%
	Rosa #96, Rosa #79, Rosa #100		ORRI			0.000000%
Rosa #79B (INF)			100.000000%	100.000000%		
E-289-50	T31N R6W	71.59	<u>Tract 43</u>		0.01449725	
	Sec 22: Portion of Tract 40		WORKING INTEREST			
	Lying in W/2NW/4		Williams Production Co. LLC	100.000000%		82.500000%
	Rosa #79, Rosa #79B		ROYALTY			12.500000%
			ORRI			5.000000%
			100.000000%	100.000000%		
		4938.18			100.000000%	

SCHEDULE XVII
SIXTEENTH PARTICIPATING AREA FOR THE DAKOTA FORMATION ROSA UNIT

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	TRACT OWNERSHIP	GW PERCENTAGE	NR PERCENTAGE	PARTICIPATION FACTOR
			<u>Tract 13</u>			0.05425402
SF-078763	T31N R5W Sec 8: S/2 Rosa #80	320.00	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000% 12.500000% 0.000000%	87.500000% 12.500000% 0.000000%	
				100.000000%	100.000000%	
			<u>Tract 13A</u>			0.05425402
SF-078763	T31N R5W Sec 10: N/2 Rosa #70	320.00	Williams Production Co. LLC ROYALTY ORRI	100.000000% 12.500000% 6.250000%	81.250000% 12.500000% 6.250000%	
				100.000000%	100.000000%	
			<u>Tract 14</u>			0.15716882
SF-078767	T31N R6W Sec 12: S/2 (271.35) Sec 13: W/2, W/2SE/4, Lots 3 & 4 Sec 24: Lots 1,2,3,4, W/2E/2 (E/2) Rosa #66, Rosa #66M (INF), Rosa #116, Rosa #125E, Rosa #30, Rosa #30B (INF)	927.01	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000% 12.500000% 0.000000%	87.500000% 12.500000% 0.000000%	
				100.000000%	100.000000%	
			<u>Tract 17</u>			0.05425402
SF-078769	T31N R5W Sec 17: W/2 Rosa #68, Rosa #31B (INF)	320.00	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000% 12.500000% 0.000000%	87.500000% 12.500000% 0.000000%	
				100.000000%	100.000000%	
			<u>Tract 18</u>			0.12005398
SF-078764	T31N R5W Sec 18: LOTS 3,4, SE/4 (S/2) Sec 19: E/2SE/4,SW/4SE/4, Lot 4 Sec 29: W/2SE/4,SW/4,N/2NE/4 Rosa #119, Rosa #15A, Rosa #159 Rosa #64M, Rosa #64	708.10	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000% 12.500000% 0.000000%	87.500000% 12.500000% 0.000000%	
				100.000000%	100.000000%	
			<u>Tract 19</u>			0.01291246
Miguel A. Gonzales et ux	T31N R5W Sec 19: NW/4SE/4, Lot 3 Rosa #159	76.16	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000% 12.500000% 0.000000%	87.500000% 12.500000% 0.000000%	
				100.000000%	100.000000%	
			<u>Tract 20</u>			0.02712701
Manuel C. Candelaria et ux	T31N R5W Sec 29: NW/4 Rosa #64M, Rosa #64	160.00	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000% 12.500000% 0.000000%	87.500000% 12.500000% 0.000000%	
				100.000000%	100.000000%	

SCHEDULE XVII
SIXTEENTH PARTICIPATING AREA FOR THE DAKOTA FORMATION ROSA UNIT

		<u>Tract 21</u>			0.02712701	
SF-079165	T31N R5W	160.00	WORKING INTEREST			
	Sec 29: S/2NE/4,E/2SE/4		Amoco Production Company	100.000000%	87.500000%	
	Rosa #64M, Rosa #64, Rosa #15A		ROYALTY		12.500000%	
			ORRI		0.000000%	
				100.000000%	100.000000%	
		<u>Tract 25</u>			0.02712701	
E-347-56	T31N R5W	160.00	WORKING INTEREST			
	Sec 32: NW/4		Amoco Production Company	13.055401%	11.423477%	
	Rosa #24A, Rosa #24B (INF)		Williams Production	56.944599%	49.826523%	
	Rosa #24C (INF)		Fred. E. Turner *	6.000000%	5.250000%	
					5.250000%	
					5.250000%	
					5.250000%	
					5.250000%	
					12.500000%	
				100.000000%	100.000000%	
		<u>Tract 26</u>			0.02712701	
E-347-48	T31N R5W	160.00	WORKING INTEREST			
	Sec 32: NE/4		Amoco Production Company	100.000000%	87.500000%	
	Rosa #26A		ROYALTY		12.500000%	
			ORRI		0.000000%	
				100.000000%	100.000000%	
		<u>Tract 27</u>			0.05425402	
E-347-55	T31N R5W	320.00	WORKING INTEREST			
	Sec 32: SE/4, SW/4		Williams Production	50.000000%	32.812500%	
	Rosa #26A, Rosa #26B (INF)		Fred. E. Turner *	10.000000%	6.562500%	
	Rosa #24A, Rosa #24B (INF)		Elizabeth T. Calloway *	10.000000%	6.562500%	
					6.562500%	
					6.562500%	
					6.562500%	
					6.562500%	
					12.500000%	
					21.875000%	
				100.000000%	100.000000%	
		<u>Tract 28</u>			0.05425402	
SF-078773	T31N R5W	320.00	WORKING INTEREST			
	Sec 33: S/2		Amoco Production Company	100.000000%	87.500000%	
	Rosa #77, Rosa #77A (INF)		ROYALTY		12.500000%	
			ORRI	0.000000%	0.000000%	
				100.000000%	100.000000%	
		<u>Tract 30</u>			0.05881645	
E-289-53	T31N R6W	346.91	WORKING INTEREST			
	Sec 2: Lots 6,7,8, & S/2		Amoco Production Company	100.000000%	85.000000%	
	Rosa #148		Williams Production Co, LLC		12.500000%	
			ROYALTY		2.500000%	
				100.000000%	100.000000%	

SCHEDULE XVII
SIXTEENTH PARTICIPATING AREA FOR THE DAKOTA FORMATION ROSA UNIT

		<u>Tract 31</u>				
VB0435	T31N R6W Sec 2: Lots 5, Rosa #148 This tract is not committed to the unit					0
		<u>TRACT 37</u>				
SF-078771	T31N R6W Sec 23: S/2 Sec 11: E/2 Rosa #98, Rosa #1E	640.00	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000% 100.000000%	87.500000% 12.500000% 0.000000% 100.000000%	0.10850805
		<u>Tract 39</u>				
SF-078766	T31N R6W Sec 21: S/2 Sec 22: Lot 1, E/2NW/4, SW/4 Sec 17: W/2 Rosa #96, Rosa #79, Rosa #100 Rosa #79B (INF)	888.41	WORKING INTEREST Amoco Production Company * ROYALTY ORRI	100.000000% 100.000000%	87.500000% 12.500000% 0.000000% 100.000000%	0.15062443
		<u>Tract 43</u>				
E-289-50	T31N R6W Sec 22: Portion of Tract 40 Lying in W/2NW/4 Rosa #79, Rosa #79B	71.59	WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.000000% 100.000000%	82.500000% 12.500000% 5.000000% 100.000000%	0.01213767
		5898.18				100.000000%

SCHEDULE XVIV
EIGHTEENTH PARTICIPATING AREA FOR THE DAKOTA FORMATION ROSA UNIT

		<u>Tract 21</u>			0.02447164
SF-079165	T31N R5W	160.00	WORKING INTEREST		
	Sec 29: S/2NE/4, E/2SE/4		Amoco Production Company	100.000000%	87.500000%
	Rosa #64M, Rosa #64, Rosa #15A		ROYALTY		12.500000%
			ORRI		0.000000%
				100.000000%	100.000000%
		<u>Tract 25</u>			0.02447164
E-347-56	T31N R5W	160.00	WORKING INTEREST		
	Sec 32: NW/4		Amoco Production Company	13.055401%	11.423477%
	Rosa #24A, Rosa #24B (INF)		Williams Production	56.944599%	49.826523%
	Rosa #24C (INF)		Fred. E. Turner *	6.000000%	5.250000%
			Elizabeth T. Calloway *	6.000000%	5.250000%
			J. Glenn Turner *	6.000000%	5.250000%
			John Lee Turner *	6.000000%	5.250000%
			Mary F. Turner, Jr Trust *	6.000000%	5.250000%
			ROYALTY		12.500000%
			ORRI		
				100.000000%	100.000000%
		<u>Tract 26</u>			0.02447164
E-347-48	T31N R5W	160.00	WORKING INTEREST		
	Sec 32: NE/4		Amoco Production Company	100.000000%	87.500000%
	Rosa #26A		ROYALTY		12.500000%
			ORRI		0.000000%
				100.000000%	100.000000%
		<u>Tract 27</u>			0.04894328
E-347-55	T31N R5W	320.00	WORKING INTEREST		
	Sec 32: SE/4, SW/4		Williams Production	50.000000%	32.812500%
	Rosa #26A, Rosa #26B (INF)		Fred. E. Turner *	10.000000%	6.562500%
	Rosa #24A, Rosa #24B (INF)		Elizabeth T. Calloway *	10.000000%	6.562500%
	Rosa #24C (INF)		J. Glenn Turner *	10.000000%	6.562500%
			John Lee Turner *	10.000000%	6.562500%
			Mary F. Turner, Jr Trust *	10.000000%	6.562500%
			ROYALTY		12.500000%
			ORRI		21.875000%
				100.000000%	100.000000%
		<u>Tract 28</u>			0.04894328
SF-078773	T31N R5W	320.00	WORKING INTEREST		
	Sec 33: S/2		Amoco Production Company	100.000000%	87.500000%
	Rosa #77, Rosa #77A (INF)		ROYALTY		12.500000%
			ORRI	0.000000%	0.000000%
				100.000000%	100.000000%
		<u>Tract 30</u>			0.05305911
E-289-53	T31N R6W	346.91	WORKING INTEREST		
	Sec 2: Lots 6,7,8, & S/2		Amoco Production Company	100.000000%	85.000000%
	Rosa #148		Williams Production Co, LLC		
			ROYALTY		12.500000%
			ORRI		2.500000%
				100.000000%	100.000000%

SCHEDULE XVIII
SEVENTEENTH PARTICIPATING AREA FOR THE DAKOTA FORMATION ROSA UNIT

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	TRACT OWNERSHIP	GW PERCENTAGE	NR PERCENTAGE	PARTICIPATION FACTOR
			<u>Tract 13</u>			0.05146200
SF-078763	T31N R5W Sec 8: S/2 Rosa #80	320.00	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000% 100.000000%	87.500000% 12.500000% 0.000000% 100.000000%	
			<u>Tract 13A</u>			0.05146200
SF-078763	T31N R5W Sec 10: N/2 Rosa #70	320.00	Williams Production Co. LLC ROYALTY ORRI	100.000000% 100.000000%	81.250000% 12.500000% 6.250000% 100.000000%	
SF-078767	T31N R6W Sec 12: S/2 (271.35) Sec 13: W/2, W/2SE/4, Lots 3 & 4 Sec 24: Lots 1,2,3,4, W/2E/2 (E2) Rosa #66, Rosa #66M (INF), Rosa #116, Rosa #125E, Rosa #30, Rosa #30B (INF)	927.01	<u>Tract 14</u> WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000% 100.000000%	87.500000% 12.500000% 0.000000% 100.000000%	0.14908060
			<u>Tract 17</u>			0.05146200
SF-078769	T31N R5W Sec 17: W/2 Rosa #68, Rosa #31B (INF)	320.00	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000% 100.000000%	87.500000% 12.500000% 0.000000% 100.000000%	
			<u>Tract 18</u>			0.11387576
SF-078764	T31N R5W Sec 18: LOTS 3,4, SE/4 (S/2) Sec 19: E/2SE/4,SW/4SE/4, Lot 4 Sec 29: W/2SE/4,SW/4,N/2NE/4 Rosa #119, Rosa #15A, Rosa #159 Rosa #64M, Rosa #64	708.10	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000% 100.000000%	87.500000% 12.500000% 0.000000% 100.000000%	
			<u>Tract 19</u>			0.01224796
Miguel A. Gonzales et ux	T31N R5W Sec 19: NW/4SE/4, Lot 3 Rosa #159	76.16	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000% 100.000000%	87.500000% 12.500000% 0.000000% 100.000000%	
			<u>Tract 20</u>			0.02573100
Manuel C. Candelaria et ux	T31N R5W Sec 29: NW/4 Rosa #64M, Rosa #64	160.00	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000% 100.000000%	87.500000% 12.500000% 0.000000% 100.000000%	
			<u>Tract 21</u>			0.02573100
SF-079165	T31N R5W Sec 29: S/2NE/4,E/2SE/4 Rosa #64M, Rosa #64, Rosa #15A	160.00	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000% 100.000000%	87.500000% 12.500000% 0.000000% 100.000000%	

SCHEDULE XVIII
SEVENTEENTH PARTICIPATING AREA FOR THE DAKOTA FORMATION ROSA UNIT

	T31N R5W		<u>Tract 25</u>			0.02573100
E-347-56	Sec 32: NW/4	160.00	WORKING INTEREST			
	Rosa #24A, Rosa #24B (INF)		Amoco Production Company	13.055401%	11.423477%	
	Rosa #24C (INF)		Williams Production	56.944599%	49.826523%	
			Fred. E. Turner *	6.000000%	5.250000%	
			Elizabeth T. Calloway *	6.000000%	5.250000%	
			J. Glenn Turner *	6.000000%	5.250000%	
			John Lee Turner *	6.000000%	5.250000%	
			Mary F. Turner, Jr Trust *	6.000000%	5.250000%	
			ROYALTY		12.500000%	
			ORRI			
				100.000000%	100.000000%	
			<u>Tract 26</u>			0.02573100
E-347-48	T31N R5W	160.00	WORKING INTEREST			
	Sec 32: NE/4		Amoco Production Company	100.000000%	87.500000%	
	Rosa #26A		ROYALTY		12.500000%	
			ORRI		0.000000%	
				100.000000%	100.000000%	
			<u>Tract 27</u>			0.05146200
E-347-55	T31N R5W	320.00	WORKING INTEREST			
	Sec 32: SE/4, SW/4		Williams Production	50.000000%	32.812500%	
	Rosa #26A, Rosa #26B (INF)		Fred. E. Turner *	10.000000%	6.562500%	
	Rosa #24A, Rosa #24B (INF)		Elizabeth T. Calloway *	10.000000%	6.562500%	
	Rosa #24C (INF)		J. Glenn Turner *	10.000000%	6.562500%	
			John Lee Turner *	10.000000%	6.562500%	
			Mary F. Turner, Jr Trust *	10.000000%	6.562500%	
			ROYALTY		12.500000%	
			ORRI		21.875000%	
				100.000000%	100.000000%	
			<u>Tract 28</u>			0.05146200
SF-078773	T31N R5W	320.00	WORKING INTEREST			
	Sec 33: S/2		Amoco Production Company	100.000000%	87.500000%	
	Rosa #77, Rosa #77A (INF)		ROYALTY		12.500000%	
			ORRI	0.000000%	0.000000%	
				100.000000%	100.000000%	
			<u>Tract 30</u>			0.05578964
E-289-53	T31N R6W	346.91	WORKING INTEREST			
	Sec 2: Lots 6,7,8, & S/2		Amoco Production Company	100.000000%	85.000000%	
	Rosa #148		Williams Production Co, LLC			
			ROYALTY		12.500000%	
			ORRI		2.500000%	
				100.000000%	100.000000%	
			<u>Tract 31</u>			0.00000000
VB0435	T31N R6W					
	Sec 2: Lots 5,					
	Rosa #148					
	This tract is not committed to					
	the unit					

SCHEDULE XVIII
SEVENTEENTH PARTICIPATING AREA FOR THE DAKOTA FORMATION ROSA UNIT

SF-078771	T31N R6W Sec 23: S/2 Sec 11: E/2 Rosa #98, Rosa #1E	640.00	<u>TRACT 37</u> WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000% 100.000000%	87.500000% 100.000000%	0.10292401
SF-078766	T31N R6W Sec 21: S/2 Sec 22: Lot 1, E/2NW/4, SW/4 Sec 17: W/2 Rosa #96, Rosa #79, Rosa #100 Rosa #79B (INF)	888.41	<u>Tract 39</u> WORKING INTEREST Amoco Production Company * ROYALTY ORRI	100.000000% 100.000000%	87.500000% 100.000000%	0.14287299
E-289-50	T31N R6W Sec 22: Portion of Tract 40 Lying in W/2NW/4 Rosa #79, Rosa #79B	71.59	<u>Tract 43</u> WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.000000% 100.000000%	82.500000% 100.000000%	0.01151302
E-504-19	T32N R6W Sec 32: E/2 Rosa #29M, Rosa #29B (INF)	320.00	<u>Tract 45</u> WORKING INTEREST Williams Production Co., LLC J. Glenn Turner * John Turner * Fred E. Turner * Mary Frances Turner, Jr Trust * Elizabeth T. Calloway * ROYALTY ORRI	50.000000% 10.000000% 10.000000% 10.000000% 10.000000% 10.000000% 100.000000%	32.812500% 6.562500% 6.562500% 6.562500% 6.562500% 6.562500% 100.000000%	0.05146202
		6218.18				1.00000000

SCHEDULE XVIV
EIGHTEENTH PARTICIPATING AREA FOR THE DAKOTA FORMATION ROSA UNIT

		<u>Tract 31</u>					0
VB0435	T31N R6W Sec 2: Lots 5, Rosa #148 This tract is not committed to the unit						
SF-078771	T31N R6W Sec 23: S/2 Sec 11: E/2 Rosa #98, Rosa #1E	640.00	<u>TRACT 37</u> WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000%	87.500000% 12.500000% 0.000000%		0.09788657
				100.000000%	100.000000%		
Jose M. Lopez et al	T31N R6W Sec 16: S/2SE/4, Rosa #185A *, Rosa #185 * (INF)	80.00	<u>TRACT 38</u> WORKING INTEREST Amoco Production Company * ROYALTY ORRI	100.000000%	87.500000% 12.500000% 0.000000%		0.01223582
				100.000000%	100.000000%		
SF-078766	T31N R6W Sec 21: S/2 Sec 22: Lot 1, E/2NW/4, SW/4 Sec 17: W/2 Sec 16: W/2SW/4 Rosa #96, Rosa #79, Rosa #100 Rosa #185A *, Rosa #185 * (INF) Rosa #79B (INF)	968.41	<u>Tract 39</u> WORKING INTEREST Amoco Production Company * ROYALTY ORRI	100.000000%	87.500000% 12.500000% 0.000000%		0.14811614
				100.000000%	100.000000%		
E-346-20	T31N R6W Sec 16: NW/4SE/4, NE/4SW/4 Rosa #185A *, Rosa #185 * (INF)	63.00	<u>Tract 40</u> WORKING INTEREST Williams Production Co LLC Fred. E. Turner * Elizabeth T. Calloway J. Glenn Turner John Lee Turner * Mary F. Turner, Jr Trust * ROYALTY ORRI	50.000000% 10.000000% 10.000000% 10.000000% 10.000000% 10.000000%	32.812500% 6.562500% 6.562500% 6.562500% 6.562500%		0.00963571
				100.000000%	100.000000%		
E-346-22	T31N R6W Sec 16: NE/4SE/4, SE/4SW/4 Rosa #185A *, Rosa #185 * (INF)	71.50	<u>Tract 40A</u> WORKING INTEREST Williams Production Co LLC Fred. E. Turner * Elizabeth T. Calloway J. Glenn Turner John Lee Turner * Mary F. Turner, Jr Trust * ROYALTY ORRI	50.000000% 10.000000% 10.000000% 10.000000% 10.000000% 10.000000%	32.812500% 6.562500% 6.562500% 6.562500% 6.562500%		0.01093576
				100.000000%	100.000000%		

SCHEDULE XVIV
EIGHTEENTH PARTICIPATING AREA FOR THE DAKOTA FORMATION ROSA UNIT

						<u>Tract 41</u>		0.00260011
E-289	T31N R6W	17.00	WORKING INTEREST					
	Sec 16: Portion of State Lease E-289		Wiser Oil Co.	100.000000%	87.500000%			
	lying in SE/4SW/4 and SW/4SE/4		ROYALTY		12.500000%			
	Rosa #185A *, Rosa #185 * (INF)		ORRI		0.000000%			
				100.000000%	100.000000%			
						<u>Tract 42</u>		0.00130006
E-289-50	T31N R6W	8.50	WORKING INTEREST					
	Sec 16: Portion of State Lease E-289		Amoco Production Company	100.000000%	85.000000%			
	lying in SE/4SE/4		ROYALTY		12.500000%			
	Rosa #185A *, Rosa #185 * (INF)		ORRI		2.500000%			
				100.000000%	100.000000%			
						<u>Tract 43</u>		0.01094953
E-289-50	T31N R6W	71.59	WORKING INTEREST					
	Sec 22: Portion of Tract 40		Williams Production Co. LLC	100.000000%	82.500000%			
	Lying in W/2NW/4		ROYALTY		12.500000%			
	Rosa #79, Rosa #79B		ORRI		5.000000%			
				100.000000%	100.000000%			
						<u>Tract 45</u>		0.04894331
E-504-19	T32N R6W	320.00	WORKING INTEREST					
	Sec 32: E/2		Williams Production Co., LLC	50.000000%	32.812500%			
	Rosa #29M, Rosa #29B (INF)		J. Glenn Turner *	10.000000%	6.562500%			
			John Turner *	10.000000%	6.562500%			
			Fred E. Turner *	10.000000%	6.562500%			
			Mary Frances Turner, Jr Trust *	10.000000%	6.562500%			
			Elizabeth T. Calloway *	10.000000%	6.562500%			
			ROYALTY		12.500000%			
			ORRI		21.875000%			
				100.000000%	100.000000%			
		6538.18						100.000000%

SCHEDULE XVIV
EIGHTEENTH PARTICIPATING AREA FOR THE DAKOTA FORMATION ROSA UNIT

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	TRACT OWNERSHIP	GW PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
			Tract 13			0.04894328
SF-078763	T31N R5W Sec 8: S/2 Rosa #80	320.00	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000%	87.500000% 12.500000% 0.000000%	
				100.000000%	100.000000%	
			Tract 13A			0.04894328
SF-078763	T31N R5W Sec 10: N/2 Rosa #70	320.00	Williams Production Co. LLC ROYALTY ORRI	100.000000%	81.250000% 12.500000% 6.250000%	
				100.000000%	100.000000%	
SF-078767	T31N R6W Sec 12: S/2 (271.35) Sec 13: W/2, W/2SE/4, Lots 3 & 4 Sec 24: Lots 1,2,3,4, W/2E/2 (E2) Rosa #66, Rosa #66M (INF), Rosa #116, Rosa #125E, Rosa #30, Rosa #30B (INF)	927.01	Tract 14 WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000%	87.500000% 12.500000% 0.000000%	0.14178411
				100.000000%	100.000000%	
			Tract 17			0.04894328
SF-078769	T31N R5W Sec 17: W/2 Rosa #68, Rosa #31B (INF)	320.00	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000%	87.500000% 12.500000% 0.000000%	
				100.000000%	100.000000%	
			Tract 18			0.10830231
SF-078764	T31N R5W Sec 18: LOTS 3,4, SE/4 (S/2) Sec 19: E/2SE/4,SW/4SE/4, Lot 4 Sec 29: W/2SE/4,SW/4,N/2NE/4 Rosa #119, Rosa #15A, Rosa #159 Rosa #64M, Rosa #64	708.10	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000%	87.500000% 12.500000% 0.000000%	
				100.000000%	100.000000%	
			Tract 19			0.0116485
Miguel A. Gonzales et ux	T31N R5W Sec 19: NW/4SE/4, Lot 3 Rosa #159	76.16	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000%	87.500000% 12.500000% 0.000000%	
				100.000000%	100.000000%	
			Tract 20			0.02447164
Manuel C. Candelaria et ux	T31N R5W Sec 29: NW/4 Rosa #64M, Rosa #64	160.00	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000%	87.500000% 12.500000% 0.000000%	
				100.000000%	100.000000%	



EXPLORATION & PRODUCTION

One Williams Center
P.O. Box 3102
Tulsa, OK 74101-3102
918/573-2000

April 7, 2006

2006 APR 10 PM 1 20

Assistant District Manager, Minerals (3 copies)
Bureau of Land Management
Farmington Resources Area
Attn: Wayne Townsend
1235 La Plata Highway
Farmington, NM 87401

State of New Mexico (2 copies)
Commissioner of Public Lands
Attn: Mr. Pete Martinez
P.O. Box 1148
Santa Fe, NM 87504-1148

State of New Mexico (2 copies)
Oil Conservation Division
Attn: Roy Johnson
1220 S. St. Francis
Santa Fe, NM 87505

Re: Rosa Unit I - Sec. 587
San Juan and Rio Arriba Counties, New Mexico
Dakota Participating Area

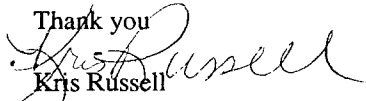
Eighteenth Expansion – Effective 9/1/00

Ladies & Gentlemen:

Pursuant to the provisions of Section 10 of the Rosa Unit Agreement I – Section Number 587, approved January 24, 1948, Williams Production Company, LLC, as Unit Operator, hereby respectfully requests approval of the referenced expansions for the Dakota Formation. Pursuant to the BLM letter, attached is a list of all wells that have been deemed commercial.

Please replace the attached Rosa Unit Dakota 18th Expansion in the corrected Rosa Dakota 10-18th expansion packet you received the week of April 10, 2006.

Thank you


Kris Russell
Senior Contract Administrator
Williams Production Company LLC
918/573-6181
918/573-0681
Kris.russell@williams.com



April 7, 2006

EXPLORATION & PRODUCTION

One Williams Center
P.O. Box 3102
Tulsa, OK 74101-3102
918/573-2000

Assistant District Manager, Minerals (3 copies)
Bureau of Land Management
Farmington Resources Area
Attn: Wayne Townsend
1235 La Plata Highway
Farmington, NM 87401

State of New Mexico (2 copies)
Commissioner of Public Lands
Attn: Mr. Pete Martinez
P.O. Box 1148
Santa Fe, NM 87504-1148

State of New Mexico (2 copies)
Oil Conservation Division
Attn: Roy Johnson
1220 S. St. Francis
Santa Fe, NM 87505

Re: Rosa Unit I - Sec. 587
San Juan and Rio Arriba Counties, New Mexico
Dakota Participating Area

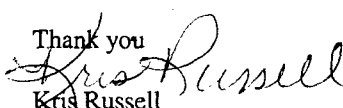
Eighteenth Expansion – Effective 9/1/00

Ladies & Gentlemen:

Pursuant to the provisions of Section 10 of the Rosa Unit Agreement I – Section Number 587, approved January 24, 1948, Williams Production Company, LLC, as Unit Operator, hereby respectfully requests approval of the referenced expansions for the Dakota Formation. Pursuant to the BLM letter, attached is a list of all wells that have been deemed commercial.

Please replace the attached Rosa Unit Dakota 18th Expansion in the corrected Rosa Dakota 10-18th expansion packet you received the week of April 10, 2006.

Thank you


Kris Russell

Senior Contract Administrator
Williams Production Company LLC
918/573-6181
918/573-0681
Kris.russell@williams.com

SCHEDULE XVIV
EIGHTEENTH PARTICIPATING AREA FOR THE DAKOTA FORMATION ROSA UNIT

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	TRACT OWNERSHIP	GW PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
			<u>Tract 13</u>			0.04894328
SF-078763	T31N R5W Sec 8: S/2 Rosa #80	320.00	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000%	87.500000% 12.500000% 0.000000%	
				100.000000%	100.000000%	
			<u>Tract 13A</u>			0.04894328
SF-078763	T31N R5W Sec 10: N/2 Rosa #70	320.00	Williams Production Co. LLC ROYALTY ORRI	100.000000%	81.250000% 12.500000% 6.250000%	
				100.000000%	100.000000%	
			<u>Tract 14</u>			0.14178411
SF-078767	T31N R6W Sec 12: S/2 (271.35) Sec 13: W/2, W/2SE/4, Lots 3 & 4 Sec 24: Lots 1,2,3,4, W/2E/2 (E2) Rosa #66, Rosa #66M (INF), Rosa #116, Rosa #125E, Rosa #30, Rosa #30B (INF)	927.01	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000%	87.500000% 12.500000% 0.000000%	
				100.000000%	100.000000%	
			<u>Tract 17</u>			0.04894328
SF-078769	T31N R5W Sec 17: W/2 Rosa #68, Rosa #31B (INF)	320.00	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000%	87.500000% 12.500000% 0.000000%	
				100.000000%	100.000000%	
			<u>Tract 18</u>			0.10830231
SF-078764	T31N R5W Sec 18: LOTS 3,4, SE/4 (S/2) Sec 19: E/2SE/4,SW/4SE/4, Lot 4 Sec 29: W/2SE/4,SW/4,N/2NE/4 Rosa #119, Rosa #15A, Rosa #159 Rosa #64M, Rosa #64	708.10	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000%	87.500000% 12.500000% 0.000000%	
				100.000000%	100.000000%	
			<u>Tract 19</u>			0.0116485
Miguel A. Gonzales et ux	T31N R5W Sec 19: NW/4SE/4, Lot 3 Rosa #159	76.16	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000%	87.500000% 12.500000% 0.000000%	
				100.000000%	100.000000%	
			<u>Tract 20</u>			0.02447164
Manuel C. Candelaria et ux	T31N R5W Sec 29: NW/4 Rosa #64M, Rosa #64	160.00	WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000%	87.500000% 12.500000% 0.000000%	
				100.000000%	100.000000%	

SCHEDULE XVIV
EIGHTEENTH PARTICIPATING AREA FOR THE DAKOTA FORMATION ROSA UNIT

		<u>Tract 21</u>			0.02447164
SF-079165	T31N R5W	160.00	WORKING INTEREST		
	Sec 29: S/2NE/4,E/2SE/4		Amoco Production Company	100.000000%	87.500000%
	Rosa #64M, Rosa #64, Rosa #15A		ROYALTY		12.500000%
			ORRI		0.000000%
				100.000000%	100.000000%
		<u>Tract 25</u>			0.02447164
E-347-56	T31N R5W	160.00	WORKING INTEREST		
	Sec 32: NW/4		Amoco Production Company	13.055401%	11.423477%
	Rosa #24A, Rosa #24B (INF)		Williams Production	56.944599%	49.826523%
	Rosa #24C (INF)		Fred. E. Turner *	6.000000%	5.250000%
			Elizabeth T. Calloway *	6.000000%	5.250000%
			J. Glenn Turner *	6.000000%	5.250000%
			John Lee Turner *	6.000000%	5.250000%
			Mary F. Turner, Jr Trust *	6.000000%	5.250000%
			ROYALTY		12.500000%
			ORRI		
				100.000000%	100.000000%
		<u>Tract 26</u>			0.02447164
E-347-48	T31N R5W	160.00	WORKING INTEREST		
	Sec 32: NE/4		Amoco Production Company	100.000000%	87.500000%
	Rosa #26A		ROYALTY		12.500000%
			ORRI		0.000000%
				100.000000%	100.000000%
		<u>Tract 27</u>			0.04894328
E-347-55	T31N R5W	320.00	WORKING INTEREST		
	Sec 32: SE/4, SW/4		Williams Production	50.000000%	32.812500%
	Rosa #26A, Rosa #26B (INF)		Fred. E. Turner *	10.000000%	6.562500%
	Rosa #24A, Rosa #24B (INF)		Elizabeth T. Calloway *	10.000000%	6.562500%
	Rosa #24C (INF)		J. Glenn Turner *	10.000000%	6.562500%
			John Lee Turner *	10.000000%	6.562500%
			Mary F. Turner, Jr Trust *	10.000000%	6.562500%
			ROYALTY		12.500000%
			ORRI		21.875000%
				100.000000%	100.000000%
		<u>Tract 28</u>			0.04894328
SF-078773	T31N R5W	320.00	WORKING INTEREST		
	Sec 33: S/2		Amoco Production Company	100.000000%	87.500000%
	Rosa #77, Rosa #77A (INF)		ROYALTY		12.500000%
			ORRI	0.000000%	0.000000%
				100.000000%	100.000000%
		<u>Tract 30</u>			0.05305911
E-289-53	T31N R6W	346.91	WORKING INTEREST		
	Sec 2: Lots 6,7,8, & S/2		Amoco Production Company	100.000000%	85.000000%
	Rosa #148		Williams Production Co, LLC		
			ROYALTY		12.500000%
			ORRI		2.500000%
				100.000000%	100.000000%

SCHEDULE XVIV
EIGHTEENTH PARTICIPATING AREA FOR THE DAKOTA FORMATION ROSA UNIT

		<u>Tract 31</u>				0
VB0435	T31N R6W Sec 2: Lots 5, Rosa #148 This tract is not committed to the unit					
SF-078771	T31N R6W Sec 23: S/2 Sec 11: E/2 Rosa #98, Rosa #1E	640.00	<u>TRACT 37</u> WORKING INTEREST Amoco Production Company ROYALTY ORRI	100.000000% 100.000000%	87.500000% 12.500000% 0.000000%	0.09788657
Jose M. Lopez et al	T31N R6W Sec 16: Tract 39 Rosa #185A *, Rosa #185 * (INF)	80.00	<u>TRACT 38</u> WORKING INTEREST Amoco Production Company * ROYALTY ORRI	100.000000% 100.000000%	87.500000% 12.500000% 0.000000%	0.01223582
SF-078766	T31N R6W Sec 21: S/2 Sec 22: Lot 1, E/2NW/4, SW/4 Sec 17: W/2 Sec 16: W/2SW/4 Rosa #96, Rosa #79, Rosa #100 Rosa #185A *, Rosa #185 * (INF) Rosa #79B (INF)	968.41	<u>Tract 39</u> WORKING INTEREST Amoco Production Company * ROYALTY ORRI	100.000000% 100.000000%	87.500000% 12.500000% 0.000000%	0.14811614
E-346-20	T31N R6W Sec 16: NE/4SW/4,NW/4SE/4 Rosa #185A *, Rosa #185 * (INF)	63.12	<u>Tract 40</u> WORKING INTEREST Williams Production Co LLC Fred. E. Turner * Elizabeth T. Calloway J. Glenn Turner John Lee Turner * Mary F. Turner, Jr Trust * ROYALTY ORRI	50.000000% 10.000000% 10.000000% 10.000000% 10.000000% 10.000000% 10.000000% 12.500000% 21.875000% 100.000000%	32.812500% 6.562500% 6.562500% 6.562500% 6.562500% 6.562500% 6.562500% 12.500000% 21.875000%	0.00963571
E-346-22	T31N R6W Sec 16: SE/4SW/4,NE/4SE/4 Rosa #185A *, Rosa #185 * (INF)	71.56	<u>Tract 40A</u> WORKING INTEREST Williams Production Co LLC Fred. E. Turner * Elizabeth T. Calloway J. Glenn Turner John Lee Turner * Mary F. Turner, Jr Trust * ROYALTY ORRI	50.000000% 10.000000% 10.000000% 10.000000% 10.000000% 10.000000% 10.000000% 10.000000% 12.500000% 21.875000% 100.000000%	32.812500% 6.562500% 6.562500% 6.562500% 6.562500% 6.562500% 6.562500% 6.562500% 12.500000% 21.875000%	0.01093576

SCHEDULE XVIV
EIGHTEENTH PARTICIPATING AREA FOR THE DAKOTA FORMATION ROSA UNIT

						0.00260011		
E-289	T31N R6W	16.88	<u>Tract 41</u>					
	WORKING INTEREST							
	Wiser Oil Co.		100.000000%	87.500000%				
	ROYALTY			12.500000%				
	ORRI			0.000000%				
				100.000000%	100.000000%			
E-289-50	T31N R6W	8.44	<u>Tract 42</u>			0.00130006		
	WORKING INTEREST							
	Amoco Production Company		100.000000%	85.000000%				
	ROYALTY			12.500000%				
	ORRI			2.500000%				
				100.000000%	100.000000%			
E-289-50	T31N R6W	71.59	<u>Tract 43</u>			0.01094953		
	WORKING INTEREST							
	Williams Production Co. LLC		100.000000%	82.500000%				
	ROYALTY			12.500000%				
	ORRI			5.000000%				
				100.000000%	100.000000%			
E-504-19	T32N R6W	320.00	<u>Tract 45</u>			0.04894331		
	WORKING INTEREST							
	Williams Production Co., LLC		50.000000%	32.812500%				
	J. Glenn Turner *		10.000000%	6.562500%				
	John Turner *		10.000000%	6.562500%				
	Fred E. Turner *		10.000000%	6.562500%				
	Mary Frances Turner, Jr Trust *		10.000000%	6.562500%				
	Elizabeth T. Calloway *		10.000000%	6.562500%				
	ROYALTY			12.500000%				
	ORRI			21.875000%				
					100.000000%	100.000000%		
			6538.18				100.000000%	

2006 MAY 2 PM 12 53

PATRICK H. LYONS
COMMISSIONER

State of New Mexico
Commissioner of Public Lands

310 OLD SANTA FE TRAIL
P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

COMMISSIONER'S OFFICE

Phone (505) 827-5760

Fax (505) 827-5766

www.nmstatelands.org

April 28, 2006

Williams Production Company LLC
P. O. Box 3102
Tulsa, OK 74101-3102

Attention: Ms. Kristine Russell

Re: Rosa Unit
San Juan and Rio Arriba Counties, New Mexico
Dakota Participating Area
10th Expansion Effective 12/1/1993 15th Expansion Effective 10/1/1996
11th Expansion Effective 11/1/1994 16th Expansion Effective 11/1/1996
12th Expansion Effective 9/1/1995 17th Expansion Effective 11/1/1996
13th Expansion Effective 10/1/1995 18th Expansion Effective 9/1/2000
14th Expansion Effective 9/1/1996

Dear Ms. Russell:

We are in receipt of your letters of October 14, 2002 and April 4, 2006 together with your data for approval of the above referenced expansions to the Dakota Participating Area for the Rosa Unit, San Juan and Rio Arriba Counties, New Mexico.

The Bureau of Land Management (BLM) approved the above referenced expansions by their letter of April 21, 2006.

The Commissioner of Public Lands concurs with the BLM and has approved the above-referenced Dakota Participating Area expansions. Our approval is subject to like approval by the Bureau of Land Management and the New Mexico Oil Conservation Division.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

PATRICK H. LYONS
COMMISSIONER OF PUBLIC LANDS

BY: 

JAMI BAILEY, Director
Oil, Gas and Minerals Division
(505) 827-5744
PL/JB/pm

pc: Reader File,
OCD-Attention: Mr. Roy Johnson
BLM-Farmington Attn: Mr. Wayne Townsend
TRD-Attention: Mr. Valdean Severson
RMD-Attention: Ms. Linda Vieira



PATRICK H. LYONS
COMMISSIONER

State of New Mexico
Commissioner of Public Lands

310 OLD SANTA FE TRAIL
P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

COMMISSIONER'S OFFICE

Phone (505) 827-5760

Fax (505) 827-5766

www.nmstatelands.org

July 14, 2005

Williams Production Company LLC
P. O. Box 3102
Tulsa, OK 74101-3102

Attention: Ms. Kris Russell

Re: Rosa Unit
San Juan and Rio Arriba Counties, New Mexico

Mesaverde Participating Area	21 st Expansion Effective 9/1/1995
16 th Expansion Effective 8/1/1994	22 nd Expansion Effective 11/1/1998
17 th Expansion Effective 9/1/1994	23 rd Expansion Effective 8/1/2000
18 th Expansion Effective 11/1/1994	24 th Expansion Effective 9/1/2000
19 th Expansion Effective 12/1/1994	25 th Expansion Effective 11/1/2000
20 th Expansion Effective 8/1/1995	26 th Expansion Effective 9/1/2001

Dear Ms. Russell:

We are in receipt of your letters of June 16, 2004 and June 13, 2005 together with your data for approval of the above referenced expansions to the Mesaverde Participating Area for the Rosa Unit, San Juan and Rio Arriba Counties, New Mexico.

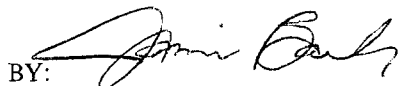
The Bureau of Land Management (BLM) approved the above referenced expansions by their letter of June 24, 2005.

The Commissioner of Public Lands concurs with the BLM and has approved the above-referenced Mesaverde Participating Area expansions. Our approval is subject to like approval by the Bureau of Land Management and the New Mexico Oil Conservation Division.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

PATRICK H. LYONS
COMMISSIONER OF PUBLIC LANDS

BY: 

JAMI BAILEY, Director
Oil, Gas and Minerals Division
(505) 827-5744
PL/JB/pm

pc: Reader File,
OCD-Attention: Mr. Roy Johnson
BLM-Farmington Attn: Mr. Wayne Townsend
TRD-Attention: Mr. Valdean Severson
RMD-Attention: Ms. Linda Vieira

RECEIVED
JUL 19 2005
OIL CONSERVATION
DIVISION

-State Land Office Beneficiaries -

Carrie Tingley Hospital • Charitable Penal & Reform • Common Schools • Eastern NM University • Rio Grande Improvement • Miners' Hospital of NM • NM Boys School • NM Highlands University • NM Institute of Mining & Technology • New Mexico Military Institute • NM School for the Deaf • NM School for the Visually Handicapped • NM State Hospital • New Mexico State University • Northern NM Community College • Penitentiary of New Mexico • Public Buildings at Capital •



RECEIVED

MAR 10 2005

CIL CONSERVATION
DIVISION

PATRICK H. LYONS
COMMISSIONER

State of New Mexico
Commissioner of Public Lands

310 OLD SANTA FE TRAIL
P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

COMMISSIONER'S OFFICE

Phone (505) 827-5760
Fax (505) 827-5766
www.nmstatelands.org

March 8, 2005

Williams Production Company
P. O. Box 3102
Tulsa, Oklahoma 74101

Attention: Ms. Kris Russell

Re: Rosa Unit
Fruitland Participating Area
Initial Expansion – Effective 11-12-1990
First Expansion – Effective 9-1-1992
Second Expansion – Effective 4-1-1993
Third Expansion – Effective 9-1-1994
Fourth Expansion – Effective 9-1-1997
Fifth Expansion – Effective 4-1-1998
Sixth Expansion – Effective 5-1-1999
Seventh Expansion – Effective 5-1-2000
Eighth Expansion- Effective 6-1-2001
Ninth Expansion – Effective 8-1-2002
San Juan and Rio Arriba Counties, New Mexico

Dear Ms. Russell:

We are in receipt of your letter of May 6, 2004 together with your application for approval of the Initial through Ninth expansions to the Fruitland participating area for the Rosa Unit.

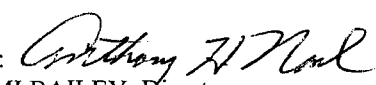
The Bureau of Land Management approved the above-referenced expansions by their letter of February 23, 2005.

The Commissioner of Public Lands concurs with the Bureau of Land Management and has this date approved the above-referenced Fruitland participating area expansions.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

PATRICK H. LYONS.
COMMISSIONER OF PUBLIC LANDS

BY: 
JAMI BAILEY, Director
Oil, Gas and Minerals Division
(505) 827-5744
PL/JB/pm

pc: Reader File
BLM-Farmington Attn: Mr. Wayne Townsend
TRD-Attn Mr. Valdean Severson
OCD-Attn: Mr. Roy Johnson

-State Land Office Beneficiaries -

Carrie Tingley Hospital • Charitable Penal & Reform • Common Schools • Eastern NM University • Rio Grande Improvement • Miners' Hospital of NM • NM Boys School • NM Highlands University • NM Institute of Mining & Technology • New Mexico Military Institute • NM School for the Deaf • NM School for the Visually Handicapped • NM State Hospital • New Mexico State University • Northern NM Community College • Penitentiary of New Mexico • Public Buildings at Capital • State Park Commission • University of New Mexico • UNM School of Medicine • Water Resources • Western New Mexico University



May 6, 2004

PROD-O-159-2004

Assistant District Manager, Minerals (3 copies)
Bureau of Land Management
Farmington Resources Area
Attn: Ms. Geneva McDougall
1235 La Plata Highway
Farmington, NM 87401

State of New Mexico (2 copies)
Commissioner of Public Lands
Attn: Mr. Pete Martinez
P.O. Box 1148
Santa Fe, NM 87504-1148

State of New Mexico (2 copies)
Oil Conservation Division
Attn: Roy Johnson
1220 S. St. Francis
Santa Fe, NM 87505

Re: Rosa Unit I - Sec. 587
San Juan and Rio Arriba Counties, New Mexico
Fruitland Participating Areas

Initial Expansion – Effective 11/12/90
First Expansion – Effective 9/1/92
Second Expansion – Effective 4/1/93
Third Expansion – Effective 9/1/94
Fourth Expansion – Effective 9/1/97
Fifth Expansion – Effective 4/1/98
Sixth Expansion – Effective 5/1/99
Seventh Expansion – Effective 5/1/00
Eighth Expansion – Effective 6/1/01
Ninth Expansion – Effective 8/1/02

Ladies & Gentlemen:

Pursuant to the provisions of Section 10 of the Rosa Unit Agreement I – Section Number 587, approved January 24, 1948, Williams Production Company, LLC, as Unit Operator, hereby respectfully requests approval of the referenced participating areas for the Fruitland Formation. Pursuant to the BLM letter, attached is a list of all wells that have been deemed commercial and the expansion that brought them into the Participating Area.

Also included by expansion are summary of ownership, a map reflecting the participating areas and expansion schedules for the Initial through the Ninth expansions for the Fruitland Participating Area. The schedules describe the Participating Area, show the percentages of ownership in the tracts, and show the percentages of unitized substances allocated to each unitized tract.

If these proposed Participating Areas as set forth herein meet with your approval, please indicate such approval in the space provided on the attached sheet and return an approved copy for our files.

Copies of this application are being sent to the Working Interest Owners shown on the attached sheet. If you have any questions or need any additional information, please contact the undersigned at (918) 573-6181.

Sincerely,

A handwritten signature in black ink that reads "Kris Russell". The signature is written in a cursive, flowing style.

Kris Russell
Sr. Analyst

Cc: Working Interest Owners
Donnie Suter-Levin
Vern Hansen
Mike Turnbaugh
Chuck Keller
Mitch Reeves
Bob McElhattan
Sheryl Marcum
Fruitland Unit File

Bureau of Land Management
Commissioner of Public Lands
Oil Conservation Commission

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 & Gas Supervisor
And the Oil Conservation Commission

APPROVED _____ DATE _____
Oil Conservation Commission
Subject to like approval by the Area Oil & Gas Supervisor
And the Commissioners of Public Lands

The foregoing are approvals for the INITIAL through the NINTH Participating Area in the Fruitland formation of the Rosa Unit I - Sec. 587.

Initial Expansion – Effective 11/12/90

Total acres brought in to PA = 320

<u>Wells/No./Dedication</u>	<u>Tract #</u>	<u>Tract Description</u>	<u>Tract Acres</u>	<u>Lease No</u>
Rosa Unit #224	33	T31N R6W Sec. 8: E/2NE/4, NW/4	240.00	SF078765
	34	T31NR6W Sec. 8: W/2NE/4	80.00	FEE

First Expansion – Effective 9/01/92

Total acres brought in to PA = 552.99

<u>Wells/No./Dedication</u>	<u>Tract #</u>	<u>Tract Description</u>	<u>Tract Acres</u>	<u>Lease No</u>
Rosa Unit #215	37	T31N R6W Sec. 26: W/2	320.00	SF078771
Rosa Unit #231	18	T31N R5W Sec. 31 S/2	232.99	SF078764

Second Expansion – Effective 4/01/93

Total acres brought in to PA = 1565.46

<u>Wells/No./Dedication</u>	<u>Tract #</u>	<u>Tract Description</u>	<u>Tract Acres</u>	<u>Lease No</u>
Rosa Unit #218	39	T31N R6W Sec. 25: S/2	272.32	SF078766
Rosa Unit #242	29	T32N R6W Sec. 33: W/2	320.00	SF078772
Rosa Unit #273	33	T31N R6W Sec. 8: E/2SE/4,SW/4	240.00	SF078765
	34	T31N R6W Sec. 8: W/2SE/4	80.00	Fee
Rosa Unit #282	1	T31N R4W Sec. 2: W/2	326.62	SF078891
Rosa Unit #285	1	T31N R4W Sec. 3: E/2	326.52	SF078891

Third Expansion – Effective 9/01/94

Total acres brought in to PA = 1333.39

<u>Wells/No./Dedication</u>	<u>Tract #</u>	<u>Tract Description</u>	<u>Tract Acres</u>	<u>Lease No</u>
Rosa Unit #211	37	T31N R6W Sec. 26: E/2	320.00	SF078771
Rosa Unit #201	39	T31N R6W Sec. 22: E/2	320.00	SF078766
Rosa Unit #236	33	T31N R6W Sec. 5: ALL	350.16	SF078765
Rosa Unit #237	29	T31N R6W Sec. 4: Lots 5,6,7,8,9 N/2SW/4, NW/4SE/4,SE/4SE/4	223.23	SF078772
	33	T31N R6W Sec. 4: S/2SW/4, SW/4SE/4	120.00	SF078765

Fourth Expansion – Effective 9/01/97

Total acres brought in to PA = 1599.82

<u>Wells/No./Dedication</u>	<u>Tract #</u>	<u>Tract Description</u>	<u>Tract Acres</u>	<u>Lease No</u>
Rosa Unit #202	37	T31N R6W Sec. 23: W/2	320.00	SF078771
Rosa Unit #276	39	T31N R6W Sec. 17: E/2	320.00	SF078766
Rosa Unit #332	39	T31N R6W Sec. 22: Lot 1, E/2NW/4, SW/4	248.23	SF078766
	43	T31N R6W Sec. 22: W/2NW/4	71.59	E-289-50
Rosa Unit #337	25	T31N R5W Sec. 32: NW/4	160.00	E-347-56
	27	T31N R5W Sec. 32: SW/4	160.00	E-347-55
Rosa Unit #338	44	T32N R6W Sec. 32: W/2	320.00	E-504-15

Fifth Expansion – Effective 4/01/98

Total acres brought in to PA = 3296.83

<u>Wells/No./Dedication</u>	<u>Tract #</u>	<u>Tract Description</u>	<u>Tract Acres</u>	<u>Lease No</u>
Rosa Unit #208	33	T31N R6W Sec. 15: Lots 1,2, E/2SW/4	118.97	SF078765
	36	T31N R6W Sec. 15: Tract 38	112.62	Fee
	38	T31N R6W Sec. 15: Tract 39	80.00	Fee
	43	T31N R6W Sec. 15: S/2S/2SW/4SW/4	8.41	E-289-50
Rosa Unit #214	37	T31N R6W Sec. 14: W/2	320.00	SF078771
Rosa Unit #223	18	T31N R5W Sec. 30: N/2	232.69	SF078764
Rosa Unit #225	14	T31N R6W Sec. 12: S/2	271.35	SF078767
Rosa Unit #233	18	T31N R5W Sec. 30: S/2	232.79	SF078764
Rosa Unit #260	39	T31N R6W Sec. 21: S/2	320.00	SF078766
Rosa Unit #262	17	T31N R5W Sec. 21: E/2	320.00	SF078769
Rosa Unit #267	17	T31N R5W Sec. 28: W/2	320.00	SF078769
Rosa Unit #270	28	T31N R5W Sec. 34: W/2	320.00	SF078773
Rosa Unit #277	39	T31N R6W Sec. 17: W/2	320.00	SF078766
Rosa Unit #339	45	T32N R6W Sec. 32: E/2	320.00	E-504-19

Sixth Expansion – Effective 5/01/99

Total acres brought in to PA = 9539.05

<u>Wells/No./Dedication</u>	<u>Tract #</u>	<u>Tract Description</u>	<u>Tract Acres</u>	<u>Lease No</u>
Rosa Unit #200	18	T31N R5W Sec. 29: N/2NE/4,W/2SE/4	160.00	SF078764
	21	T31N R5W Sec. 29: S/2NE/4, E/2SE/4	160.00	SF079165
Rosa Unit #203	18	T31N R5W Sec. 18: S/2	231.83	SF078764
Rosa Unit #204	18	T31N R5W Sec. 19: Lot 1, E/2NE/4, NW/4NE/4	155.95	SF078764
	19	T31N R5W Sec. 19: Lot 2, SW/4NE/4	76.06	Fee
Rosa Unit #206	14	T31N R6W Sec. 24: N/2	271.90	SF078767
Rosa Unit #207	17	T31N R5W Sec. 17: W/2	320.00	SF078769
Rosa Unit #209	14	T31N R6W Sec. 24: S/2	272.02	SF078767
Rosa Unit #210	14	T31N R6W Sec. 13: S/2	271.74	SF078767
Rosa Unit #213	37	T31N R6W Sec. 23: E/2	320.00	SF078771
Rosa Unit #216	37	T31N R6W Sec. 11: W/2	320.00	SF078771
Rosa Unit #217	37	T31N R6W Sec. 11: E/2	320.00	SF078771
Rosa Unit #219	18	T31N R5W Sec. 19: Lot 4, E/2SE/4 SW/4SE/4	156.27	SF078764
	19	T31N R5W Sec. 19: Lot 3, NW/4SE/4	76.16	Fee
Rosa Unit #220	14	T31N R6W Sec. 13: N/2	271.54	SF078767
Rosa Unit #227	14	T31N R5W Sec. 7: S/2	231.90	SF078767
Rosa Unit #229	18	T31N R5W Sec. 29: SW/4	160.00	SF078764
	20	T31N R5W Sec. 29: NW/4	160.00	Fee
Rosa Unit #230	18	T31N R5W Sec. 31: N/2	232.89	SF078764
Rosa Unit #232	18	T31N R5W Sec. 20: SE/4	160.00	SF078764
	20	T31N R5W Sec. 20: SW/4	160.00	Fee
Rosa Unit #238	29	T31N R6W Sec. 3: All	314.75	SF078772
Rosa Unit #240	29	T31N R6W Sec. 1: All	303.88	SF078772
Rosa Unit #243	47	T32N R6W Sec. 36: W/2	320.00	E-346-30
Rosa Unit #256	39	T31N R6W Sec. 25: N/2	272.16	SF078766
Rosa Unit #257	16	T31N R5W Sec. 27: W/2	320.00	SF078770
Rosa Unit #263	17	T31N R5W Sec. 21: W/2	320.00	SF078769
Rosa Unit #266	17	T31N R5W Sec. 28: E/2	320.00	SF078769
Rosa Unit #268	28	T31N R5W Sec. 33: N/2	320.00	SF078773
Rosa Unit #269	28	T31N R5W Sec. 34: E/2	320.00	SF078773
Rosa Unit #271	28	T31N R5W Sec. 35: E/2	320.00	SF078773
Rosa Unit #272	28	T31N R5W Sec. 35: W/2	320.00	SF078773
Rosa Unit #279	29	T32N R6W Sec. 35: E/2	320.00	SF078772
Rosa Unit #321	18	T31N R5W Sec. 20: N/2	320.00	SF078764
Rosa Unit #329	29	T32N R6W Sec. 34: E/2	320.00	SF078772
Rosa Unit #331	29	T32N R6W Sec. 35: W/2	320.00	SF078772
Rosa Unit #334	26	T31N R5W Sec. 32: NE/4	160.00	E-247-55
	27	T31N R5W Sec. 32: SE/4	160.00	E-347-55

Seventh Expansion – Effective 5/01/00

Total acres brought in to PA = 2848.31

<u>Wells/No./Dedication</u>	<u>Tract #</u>	<u>Tract Description</u>	<u>Tract Acres</u>	<u>Lease No</u>
Rosa Unit #221	18	T31N R5W Sec. 18: N/2	231.89	SF078764
Rosa Unit #228	14	T31N R5W Sec. 7: N/2	231.86	SF078767
Rosa Unit #241	14	T31N R5W Sec. 6: ALL	264.56	SF078767
Rosa Unit #259	28	T31N R5W Sec. 33: S/2	320.00	SF078773
Rosa Unit #274	38	T31N R6W Sec. 16: Tract 39	80.00	Fee
	39	T31N R6W Sec. 16: Lots 2,3, N/2NE/4	143.00	SF078766
	40	T31N R6W Sec.16: NW/4SE/4	40.00	E-346-20
	40A	T31N R6W Sec.16: NE/4SE/4	40.00	E-346-22
	41	T31N R6W Sec.16: S/2S/2SW/4SE/4	8.50	E-289
	42	T31N R6W Sec.16: S/2S/2SE/4SE/4	8.50	E-289-43
Rosa Unit #341	39	T31N R6W Sec. 16: Lot 1, W/2W/2, NE/4NW/4	231.50	SF078766
	40	T31N R6W Sec.16: NE/4SW/4	40.00	E-346-20
	40A	T31N R6W Sec.16: SE/4SW/4	40.00	E346-22
	41	T31N R6W Sec.16: S/2S/2SE/4SW/4	8.50	E-289
Rosa Unit #343	22	T31N R5W Sec. 26: S/2	320.00	SF078768
Rosa Unit #345	22	T31N R5W Sec. 23: S/2	320.00	SF078768
Rosa Unit #355	29	T32N R6W Sec. 33: NE/4, W2SE/4	240.00	SF078772
Rosa Unit #358	29	T32N R6W Sec. 34: E/2W/2, SW/4SW/4	200.00	SF078772
	46	T32N R6W Sec. 34: W/2NW/4	80.00	Fee

Eighth Expansion – Effective 6/01/01

Total acres brought in to PA = 1280.00

<u>Wells/No./Dedication</u>	<u>Tract #</u>	<u>Tract Description</u>	<u>Tract Acres</u>	<u>Lease No</u>
Rosa Unit #342	39	T31N R6W Sec. 21: Lots 1,2,3, W/2NW/4	105.32	SF078766
	41	T31N R6W Sec. 21: E/2NW/4, W/2NE/4	143.12	E-289
	42	T31N R6W Sec. 21: E/2NE/4	71.56	E-289-43
Rosa Unit #354	6	T31N R4W Sec. 19: E/2	320.00	SF078889
Rosa Unit #357	48	T32N R6W Sec. 36: E/2	320.00	E-346-33
Rosa Unit #363	17	T31N R5W Sec. 17: E/2	320.00	SF078769

Ninth Expansion – Effective 8/01/02

Total acres brought in to PA = 960

<u>Wells/No./Dedication</u>	<u>Tract #</u>	<u>Tract Description</u>	<u>Tract Acres</u>	<u>Lease No</u>
Rosa Unit #361	17	T31N R5W Sec. 16: W/2	320.00	SF078769
Rosa Unit #371	15	T31N R5W Sec. 13: W/2	320.00	SF078762
Rosa Unit #379	13	T31N R5W Sec. 8: S/2	320.00	SF078763

WORKING INTEREST OWNERS
ROSA UNIT

BP AMERICA PRODUCTION CO.
ATTN: BRYAN G. ANDERSON
P. O. BOX 3092
HOUSTON, TX 77253-3092

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

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

J. K. EDWARDS ASSOCIATES
ATTN: KEITH EDWARDS
1401 17TH STREET, SUITE 1400
DENVER, CO 80202

J. M. HUBER CORPORATION
ATTN: JUDY CAMPBELL
1050 17TH STREET, SUITE 1850
DENVER, CO 80265

MR. JOHN TURNER
PMB 285
317 SIDNEY BAKER SOUTH #400
KERRVILLE, TX 78028

MR. J. GLENN TURNER, JR.
3838 OAK LAWN
SUITE 1600
DALLAS, TX 75219

THE WISER OIL COMPANY
ATTN: MATT EAGLESTON
8115 PRESTON ROAD, #400
DALLAS, TX 75225

MARY FRANCES TURNER, JR TRUST
ATTN: IRIS GLEISER
P O BOX 660197
DALLAS, TX 75266-0197

CONOCOPHILLIPS COMPANY
ATTN: CHIEF LANDMAN, SAN JUAN/ROCKIES
P. O. BOX 2197
HOUSTON, TX 77252

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

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW% PERCENTAGE	NR% PERCENTAGE	PARTICIPATION FACTOR
SF-078765	T31N R6W			Tract 33			
	Sec 8, E/2NE/4, NW/4		240.00	WORKING INTEREST			
	#224, #224A			Williams Production Company LLC	73.000000%	63.875000%	75.000000%
				Sacramento Municipal Utility District	27.000000%	23.625000%	
				ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	
FEE	T31N R6W			Tract 34			
	Sec 8, W/2NE/4		80.00	WORKING INTEREST			
	#224, #224A			Williams Production Company LLC	73.000000%	63.875000%	25.000000%
				Sacramento Municipal Utility District	27.000000%	23.625000%	
				ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	
			320.00				100.000000%

WILLIAMS PRODUCTION COMPANY LLC
SUMMARY BY OWNER
ROSA UNIT FRT
INITIAL EXPANSION

NAME	P/A ACRES	GW/ P/A
BP America Production Company	0.00	0.00000000
ConocoPhillips Company	0.00	0.00000000
Edwards	0.00	0.00000000
Elizabeth Jeanne Turner Calloway	0.00	0.00000000
Fred E Turner LLC	0.00	0.00000000
J. Glenn Turner Jr LLC	0.00	0.00000000
J.M. Huber Corporation	0.00	0.00000000
John L. Turner	0.00	0.00000000
Mary Frances Turner Jr Trust #6743	0.00	0.00000000
Sacramento Municipal Utility District	86.40	0.27000000
Williams Production Company LLC	233.60	0.73000000
Wiser Oil Company	0.00	0.00000000
	320.00	1.00000000

Effective Date: 1/1/2/90

UNIT AREA EXPANSION SCHEDULE

SCHEDULE I
INITIAL PARTICIPATING AREA FOR THE FRUITLAND FORMATION
ROSA UNIT AREA

RECAPITULATION

Description of lands in Fruitland Participating Areas

Township 31 North, Range 6 West, N.M.P.M.

Section 8: N/2

Total number of acres in Participating Area:	320.00
Total number of acres committed to Participating Area:	320.00

SCHEDULE II
FIRST PARTICIPATING AREA FOR THE
FRUITLAND FORMATION ROSA UNIT AREA

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-078764	T31N R5W Sec 31: S/2 #231, #231A		232.99	Tract 18 WORKING INTEREST Williams Production Comp Sacramento Municipal Unit ROYALTY ORRI	73.000000% 27.000000%	63.875000% 23.625000% 12.500000% 0.000000% 100.000000%	26.688736%
SF-078765	T31N R6W Sec 8: E/2NE/4, NW/4 #224, #224A		240.00	Tract 33 WORKING INTEREST Williams Production Comp Sacramento Municipal Unit ROYALTY ORRI	73.000000% 27.000000%	63.875000% 23.625000% 12.500000% 0.000000% 100.000000%	27.491724%
FEE	T31N R6W Sec 8: W/2NE/4 #224, #224A		80.00	Tract 34 WORKING INTEREST Williams Production Comp Sacramento Municipal Unit ROYALTY ORRI	73.000000% 27.000000%	63.875000% 23.625000% 12.500000% 0.000000% 100.000000%	9.163908%
SF-078771	T31N R6W Sec 26: W/2 #215, #215A		320.00	Tract 37 WORKING INTEREST Williams Production Comp Sacramento Municipal Unit ROYALTY ORRI	73.000000% 27.000000%	63.875000% 23.625000% 12.500000% 0.000000% 100.000000%	36.65632%
			872.99				100.000000%

EFFECTIVE: 9/1/1992

WILLIAMS PRODUCTION COMPANY LLC
SUMMARY BY OWNER
ROSA UNIT FRT
1ST EXPANSION

NAME	P/A ACRES	GWI P/A
BP America Production Company	0.00	0.00000000
ConocoPhillips Company	0.00	0.00000000
Edwards	0.00	0.00000000
Elizabeth Jeanne Turner Calloway	0.00	0.00000000
Fred E Turner LLC	0.00	0.00000000
J. Glenn Turner Jr LLC	0.00	0.00000000
J.M. Huber Corporation	0.00	0.00000000
John L. Turner	0.00	0.00000000
Mary Frances Turner Jr Trust #6743	0.00	0.00000000
Sacramento Municipal Utility District	235.71	0.27000000
Williams Production Company LLC	637.28	0.73000000
Wiser Oil Company	0.00	0.00000000
	872.99	1.00000000

Effective Date: 9/1/92

UNIT AREA EXPANSION SCHEDULE

SCHEDULE II
1ST PARTICIPATING AREA FOR THE FRUITLAND FORMATION
ROSA UNIT AREA

RECAPITULATION

Description of lands in Fruitland Participating Areas

Township 31 North, Range 5 West, N.M.P.M.

Section 31: S/2

Township 31 North, Range 6 West, N.M.P.M.

Section 8: N/2

Section 26: W/2

Total number of acres in Participating Area:	872.99
Total number of acres committed to Participating Area:	872.99

SCHEDULE III
SECOND PARTICIPATING AREA FOR THE
FRUITLAND FORMATION ROSA UNIT AREA

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-078891	T31N R4W		653.14	TRACT I WORKING INTEREST			
	Sec 2: W/2			John L. Turner	6.000000%	3.937500%	26.785048%
	Sec 3: E/2			J.M. Huber Corporation	35.000000%	22.968750%	
	#282, #285			Elizabeth Jeanne Turner Calloway	6.000000%	3.937500%	
				Mary Frances Turner Jr Trust #6743	6.000000%	3.937500%	
				J. Glenn Turner Jr LLC	6.000000%	3.937500%	
				Fred E Turner LLC	6.000000%	3.937500%	
				Edwards	35.000000%	22.968750%	
				ROYALTY		12.500000%	
				ORRI		21.875000%	
					100.000000%	100.000000%	
SF-078764	T31N R5W			TRACT 18 WORKING INTEREST			
	Sec 31: S/2		232.99	Williams Production Company LLC	73.000000%	63.875000%	9.554840%
	#231, #231A			Sacramento Municipal Utility District	27.000000%	23.625000%	
				ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	
SF-078772	T32N R6W			TRACT 29 WORKING INTEREST			
	Sec 33: W/2		320.00	Williams Production Company LLC	73.000000%	63.875000%	13.123090%
	#242, #242A,			Sacramento Municipal Utility District	27.000000%	23.625000%	
				ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	
SF-078765	T31N R6W			TRACT 33 WORKING INTEREST			
	Sec 8: E/2NE/4, NW/4		240.00	Williams Production Company LLC	73.000000%	63.875000%	9.842318%
	#224, #224A			Sacramento Municipal Utility District	27.000000%	23.625000%	
				ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	

[illegible]

SCHEDULE III
SECOND PARTICIPATING AREA FOR THE
FRUITLAND FORMATION ROSA UNIT AREA

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-078766	T31N R6W			Tract 39			
	Sec 25; S/2		272.32	WORKING INTEREST			
	#218, #218A			Williams Production Company LLC	73.0000000%	63.875000%	11.16750%
				Sacramento Municipal Utility District	27.0000000%	23.625000%	
				ROYALTY		12.5000000%	
				ORRI		0.0000000%	
					100.0000000%	100.0000000%	
			2438.45				100.0000000%

EFFECTIVE: 4/1/1993

WILLIAMS PRODUCTION COMPANY LLC
SUMMARY BY OWNER
ROSA UNIT FRT
2ND EXPANSION

NAME	P/A ACRES	GW/ P/A
BP America Production Company	160.00	0.06561545
ConocoPhillips Company	0.00	0.00000000
Edwards	228.60	0.09374767
Elizabeth Jeanne Turner Calloway	39.19	0.01607103
Fred E Turner LLC	39.19	0.01607103
J. Glenn Turner Jr LLC	39.19	0.01607103
J.M. Huber Corporation	228.60	0.09374767
John L. Turner	39.19	0.01607103
Mary Frances Turner Jr Trust #6743	39.19	0.01607103
Sacramento Municipal Utility District	482.03	0.19768037
Williams Production Company LLC	1,143.28	0.4685370
Wiser Oil Company	0.00	0.00000000
	2,438.45	1.00000000

Effective Date: 4/1/93

UNIT AREA EXPANSION SCHEDULE

SCHEDULE III
2ND PARTICIPATING AREA FOR THE FRUITLAND FORMATION
ROSA UNIT AREA

RECAPITULATION

Description of lands in Fruitland Participating Areas

Township 31 North, Range 4 West, N.M.P.M.

Section 2: W/2

Section 3: E/2

Township 31 North, Range 5 West, N.M.P.M.

Section 31: S/2

Township 31 North, Range 6 West, N.M.P.M.

Sections 8 ALL

Section 25: S/2

Section 26: W/2

Township 32 North, Range 6 West, N.M.P.M.

Section 33: W/2

Total number of acres in Participating Area:

2,438.45

Total number of acres committed to Participating Area:

2,438.45

SCHEDULE IV
THIRD PARTICIPATING AREA FOR THE
FRUITLAND FORMATION ROSA UNIT AREA

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-078891	T31N R4W		653.14	TRACT 1 WORKING INTEREST			
	Sec 2: W/2			John L. Turner	6.000000%	3.937500%	17.316217%
	Sec 3: E/2			J.M. Huber Corporation	35.000000%	22.968750%	
	#282, #285			Elizabeth Jeanne Turner Calloway	6.000000%	3.937500%	
				Mary Frances Turner Jr Trust #6743	6.000000%	3.937500%	
				J. Glenn Turner Jr LLC	6.000000%	3.937500%	
				Fred E Turner LLC	6.000000%	3.937500%	
				Edwards	35.000000%	22.968750%	
				ROYALTY		12.500000%	
				ORRI	100.000000%	21.875000%	
						100.000000%	
SF-078764	T31N R5W		232.99	TRACT 18 WORKING INTEREST			
	Sec 31: S/2			Williams Production Company LLC	73.000000%	63.875000%	6.177091%
	#231, #231A			Sacramento Municipal Utility District	27.000000%	23.625000%	
				ROYALTY		12.500000%	
				ORRI	100.000000%	0.000000%	
					100.000000%	100.000000%	
SF-078772	T31N R6W		543.23	TRACT 29 WORKING INTEREST			
	Sec 4: Lots 5,6,7,8,9, N/2SW/4, NW/4SE/4, SE/4SE/4			Williams Production Company LLC	73.000000%	63.875000%	14.402255%
	T32N R6W			Sacramento Municipal Utility District	27.000000%	23.625000%	
	Sec 33: W/2			ROYALTY		12.500000%	
	#237, #242, #242A,			ORRI	100.000000%	0.000000%	
					100.000000%	100.000000%	
Uncommitted	T31N R6W	2.54		TRACT 32			0.000000%
	Sec 4 a portion thereof						
	designated as Tract 37						
	This tract is not committed to the unit						
	#237						

EFFECTIVE: 9/1/1994

4/26/2004

[illegible]

SCHEDULE IV
THIRD PARTICIPATING AREA FOR THE
FRUITLAND FORMATION ROSA UNIT AREA

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-078771	T31N R6W Sec 26: ALL #211, #211A, #215, #215A		640.00	TRACT 37 WORKING INTEREST Williams Production Company LLC Sacramento Municipal Utility District ROYALTY ORRI	73.0000000% 27.0000000%	63.8750000% 23.6250000% 12.5000000% 0.0000000%	16.967846%
					100.0000000%	100.0000000%	
SF-078766	T31N R6W Sec 22: E/2 Sec 25: S/2 #201, #218, #218A		592.32	TRACT 39 WORKING INTEREST Williams Production Company LLC Sacramento Municipal Utility District ROYALTY ORRI	73.0000000% 27.0000000%	63.8750000% 23.6250000% 12.5000000% 0.0000000%	15.703741%
					100.0000000%	100.0000000%	
		2.54	3771.84				100.0000000%

EFFECTIVE: 9/1/1994

WILLIAMS PRODUCTION COMPANY LLC
SUMMARY BY OWNER
ROSA UNIT FRT
3RD EXPANSION

NAME	P/A ACRES	GWI P/A
BP America Production Company	160.00	0.04241961
ConocoPhillips Company	0.00	0.00000000
Edwards	228.60	0.06060676
Elizabeth Jeanne Turner Calloway	39.19	0.01038973
Fred E Turner LLC	39.19	0.01038973
J. Glenn Turner Jr LLC	39.19	0.01038973
J.M. Huber Corporation	228.60	0.06060676
John L. Turner	39.19	0.01038973
Mary Frances Turner Jr Trust #6743	39.19	0.01038973
Sacramento Municipal Utility District	842.05	0.22324621
Williams Production Company LLC	2,116.65	0.56117200
Wiser Oil Company	0.00	0.00000000
	3,771.84	1.00000000

Effective Date: 9/1/94

UNIT AREA EXPANSION SCHEDULE

SCHEDULE IV
3TH PARTICIPATING AREA FOR THE FRUITLAND FORMATION
ROSA UNIT AREA

RECAPITULATION

Description of lands in Fruitland Participating Areas

Township 31 North, Range 4 West, N.M.P.M.

Section 2: W/2

Section 3: E/2

Township 31 North, Range 5 West, N.M.P.M.

Section 31: S/2

Township 31 North, Range 6 West, N.M.P.M.

Sections *4,5,8,26 ALL

Section 22: E/2

Section 25: S/2

Township 32 North, Range 6 West, N.M.P.M.

Section 33: W/2

Total number of acres in Participating Area:	3,774.38
Total number of acres not committed to Participating Area:	2.54
Total number of acres committed to Participating Area:	3,771.84

*Portions of this acreage not committed to unit.

SCHEDULE V
FOURTH PARTICIPATING AREA FOR THE
FRUITLAND FORMATION ROSA UNIT AREA

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW1 PERCENTAG E	NRI PERCENTAG E	PARTICIPATION FACTOR
SF-078891	T31N R4W		653.14	TRACT 1 WORKING INTEREST			
	Sec 2. W/2			John L. Turner	6.000000%	3.937500%	12.158997%
	Sec 3. E/2			J.M. Huber Corporation	35.000000%	22.968750%	
	#282, #285			Elizabeth Jeanne Turner Calloway	6.000000%	3.937500%	
				Mary Frances Turner Jr Trust #6743	6.000000%	3.937500%	
				J. Glenn Turner Jr LLC	6.000000%	3.937500%	
				Fred E Turner LLC	6.000000%	3.937500%	
				Edwards	35.000000%	22.968750%	
				ROYALTY		12.500000%	
				ORRI	100.000000%	21.875000%	
					100.000000%	100.000000%	
SF-078764	T31N R5W			TRACT 18 WORKING INTEREST			
	Sec 31: S/2		232.99	Williams Production Company LLC	73.000000%	63.875000%	4.337393%
	#231, #231A			Sacramento Municipal Utility District	27.000000%	23.625000%	
				ROYALTY		12.500000%	
				ORRI	100.000000%	0.000000%	
					100.000000%	100.000000%	
E-347-56	T31N R5W			TRACT 25 WORKING INTEREST			
	Sec 32: NW/4		160.00	Williams Production Company LLC	86.944596%	76.076522%	2.978595%
	#337, #337A			BP America Production Company	13.055404%	11.423479%	
	#337 BP AMERICA NON-CONSENT			ROYALTY		12.500000%	
				ORRI	100.000000%	0.000000%	
					100.000000%	100.000000%	
E-347-55	T31N R5W			TRACT 27 WORKING INTEREST			
	Sec 32: SW/4		160.00	Williams Production Company LLC	100.000000%	65.625000%	2.978595%
	#337, #337A			ROYALTY		12.500000%	
	#337 BP AMERICA NON-CONSENT			ORRI	100.000000%	21.875000%	
					100.000000%	100.000000%	

SCHEDULE V
FOURTH PARTICIPATING AREA FOR THE
FRUITLAND FORMATION ROSA UNIT AREA

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-078772	T31N R6W Sec 4: Lots 5,6,7,8,9, N/2SW/4, NW/4SE/4, SE/4SE/4		543.23	WORKING INTEREST Tract 29			
	T32N R6W			Williams Production Company LLC	73.000000%	63.875000%	10.112889%
	Sec 33: W/2			Sacramento Municipal Utility District	27.000000%	23.625000%	
	#237, #242, #242A,			ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	
Uncommitted	T31N R6W Sec 4: a portion thereof designated as Tract 37 This tract is not committed to the unit #237	2.54		Tract 32			0.000000%
SF-078765	T31N R6W Sec 4: S/2SW/4, SW/4SE/4		710.16	WORKING INTEREST Tract 33			
	Sec 5: ALL			Williams Production Company LLC	73.000000%	63.875000%	13.220494%
	Sec 8: E/2NE/4, NW/4			Sacramento Municipal Utility District	27.000000%	23.625000%	
	#224, #224A, #236, #236A, #237			ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	
	T31N R6W Sec 8: E/2SE/4, SW/4		240.00	WORKING INTEREST			
	#273, #273A			Williams Production Company LLC	23.000000%	20.125000%	4.467893%
				BP America Production Company	50.000000%	43.750000%	
				Sacramento Municipal Utility District	27.000000%	23.625000%	
				ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	
FEE	T31N R6W Sec 8: W/2NE/4 #224, #224A		80.00	Tract 34 WORKING INTEREST			
				Williams Production Company LLC	73.000000%	63.875000%	1.489298%
				Sacramento Municipal Utility District	27.000000%	23.625000%	
				ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	

EFFECTIVE: 9/1/1997

SCHEDULE V
FOURTH PARTICIPATING AREA FOR THE
FRUITLAND FORMATION ROSA UNIT AREA

[illegible]

SCHEDULE V
FOURTH PARTICIPATING AREA FOR THE
FRUITLAND FORMATION ROSA UNIT AREA

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW PERCENTAG E	NRI PERCENTAG E	PARTICIPATION FACTOR
E-289-50	T31N R6W Sec 22: 71.59 acres in the W/2NW/4		71.59	WORKING INTEREST Tract 43			
	Also described as the E/2SE/4 of the resurveyed tracts in Sec 15, 16 21 & 22			Williams Production Company LLC	18.000000%	14.850000%	1.332735%
	#208, #332			ConocoPhillips Company	82.000000%	67.650000%	
	#208 CONOCOPHILLIPS NON-CONSENT			ROYALTY ORRI		12.500000%	
						5.000000%	
E-504-15	T32N R6W			Tract 44	100.000000%	100.000000%	
	Sec 32: W/2		320.00	WORKING INTEREST			
	#338, #338A			Williams Production Company LLC	18.000000%	15.210000%	5.957190%
				ConocoPhillips Company	82.000000%	69.290000%	
				ROYALTY		12.500000%	
				ORRI		3.000000%	
					100.000000%	100.000000%	
		2.54	5371.66				100.000000%

EFFECTIVE: 9/1/1997

WILLIAMS PRODUCTION COMPANY LLC
SUMMARY BY OWNER
ROSA UNIT FRT
4TH EXPANSION

NAME	P/A ACRES	GWI P/A
BP America Production Company	465.00	0.08656610
ConocoPhillips Company	321.10	0.05977739
Edwards	228.60	0.04255649
Elizabeth Jeanne Turner Calloway	39.19	0.00729540
Fred E Turner LLC	39.19	0.00729540
J. Glenn Turner Jr LLC	39.19	0.00729540
J.M. Huber Corporation	228.60	0.04255649
John L. Turner	39.19	0.00729540
Mary Frances Turner Jr Trust #6743	39.19	0.00729540
Sacramento Municipal Utility District	1,081.87	0.20140350
Williams Production Company LLC	2,850.54	0.53066305
Wiser Oil Company	0.00	0.00000000
	5,371.66	1.00000000

Effective Date: 9/1/97

UNIT AREA EXPANSION SCHEDULE

SCHEDULE V
4TH PARTICIPATING AREA FOR THE FRUITLAND FORMATION
ROSA UNIT AREA

RECAPITULATION

Description of lands in Fruitland Participating Areas

Township 31 North, Range 4 West, N.M.P.M.

Section 2: W/2

Section 3: E/2

Township 31 North, Range 5 West, N.M.P.M.

Section 31: S/2

Section 32: W/2

Township 31 North, Range 6 West, N.M.P.M.

Sections *4,5,8,22,26 ALL

Section 17: E/2

Section 23: W/2

Section 25: S/2

Township 32 North, Range 6 West, N.M.P.M.

Sections

Section 32: W/2

Section 33: W/2

Total number of acres in Participating Area:	5,374.20
Total number of acres not committed to Participating Area:	2.54
Total number of acres committed to Participating Area:	5,371.66

*Portions of this acreage not committed to unit.

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW% PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-078891	T31N R4W			Tract 1			
	Sec 2: W/2		653.14	WORKING INTEREST	6.000000%	3.937500%	
	Sec 3: E/2			John L. Turner	35.000000%	22.968750%	7.534646%
	#282, #285			J.M. Huber Corporation	6.000000%	3.937500%	
				Elizabeth Jeanne Turner Calloway	6.000000%	3.937500%	
				Mary Frances Turner Jr Trust #6743	6.000000%	3.937500%	
				J. Glenn Turner Jr LLC	6.000000%	3.937500%	
				Fred E Turner LLC	6.000000%	3.937500%	
				Edwards	35.000000%	22.968750%	
				ROYALTY		12.500000%	
				ORRI		21.875000%	
					100.000000%	100.000000%	
SF-078767	T31N R6W			Tract 14			
	Sec 12: S/2		271.35	WORKING INTEREST	73.000000%	63.875000%	3.130303%
	#225 SMUD NON-CONSENT			Williams Production Company LLC	27.000000%	23.625000%	
				Sacramento Municipal Utility District		12.500000%	
				ROYALTY		0.000000%	
				ORRI	100.000000%	100.000000%	
				Tract 17			
	T31N R5W		640.00	WORKING INTEREST	23.000000%	20.125000%	7.383062%
	Sec 21: E/2			Williams Production Company LLC	50.000000%	43.750000%	
	Sec 28: W/2			BP America Production Company	27.000000%	23.625000%	
	#262, #267			Sacramento Municipal Utility District		12.500000%	
	#262 BP AMERICA NON-CONSENT			ROYALTY		0.000000%	
				ORRI	100.000000%	100.000000%	
SF-078764	T31N R5W			Tract 18			
	Sec 30: ALL		698.47	WORKING INTEREST	73.000000%	63.875000%	8.057574%
	Sec 31: S/2			Williams Production Company LLC	27.000000%	23.625000%	
	#223, #231, #231A, #233			Sacramento Municipal Utility District		12.500000%	
				ROYALTY		0.000000%	
				ORRI	100.000000%	100.000000%	

SCHEDULE VI
FIFTH PARTICIPATING AREA FOR THE
FRUITLAND FORMATION ROSA UNIT AREA

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW1 PERCENTAG E	NRI PERCENTAG E	PARTICIPATION FACTOR
E-347-56	T31N R5W						
	Sec 32: NW/4		160.00	TRACT 25 WORKING INTEREST			
	#337, #337A			Williams Production Company LLC	86.944596%	76.076522%	1.845766%
	#337 BP AMERICA NON-CONSENT			BP America Production Company	13.055404%	11.423479%	
				ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	
E-347-55	T31N R5W			TRACT 27 WORKING INTEREST			
	Sec 32: SW/4		160.00	Williams Production Company LLC	100.000000%	65.625000%	1.845766%
	#337, #337A			ROYALTY		12.500000%	
	#337 BP AMERICA NON-CONSENT			ORRI		21.875000%	
					100.000000%	100.000000%	
SF-078773	T31N R5W			TRACT 28 WORKING INTEREST			
	Sec 34: W/2		320.00	Williams Production Company LLC	23.000000%	20.125000%	3.691531%
	#270			BP America Production Company	50.000000%	43.750000%	
				Sacramento Municipal Utility District	27.000000%	23.625000%	
				ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	
SF-078772	T31N R6W			TRACT 29 WORKING INTEREST			
	Sec 4: Lots 5,6,7,8,9, N/2SW/4, NW/4SE/4, SE/4SE/4		543.23	Williams Production Company LLC	73.000000%	63.875000%	6.266720%
	T32N R6W			Sacramento Municipal Utility District	27.000000%	23.625000%	
	Sec 33: W/2			ROYALTY		12.500000%	
	#237, #242, #242A,			ORRI		0.000000%	
					100.000000%	100.000000%	
Uncommitted	T31N R6W	2.54		TRACT 32			
	Sec 4 a portion thereof						0.000000%
	designated as Tract 37						
	This tract is not committed to the unit						
	#237						

EFFECTIVE: 4/1/1998

4/26/2004

[illegible]

[illegible]

SCHEDULE VI
FIFTH PARTICIPATING AREA FOR THE
FRUITLAND FORMATION ROSA UNIT AREA

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW1 PERCENTAG E	NRI PERCENTAG E	PARTICIPATION FACTOR
	T31N R6W		1208.23	WORKING INTEREST			
	Sec 17: ALL			Williams Production Company LLC	23.0000000%	20.125000%	13.938183%
	Sec 21: S/2			BP America Production Company	50.0000000%	43.750000%	
	Sec 22: Lot 1, E/2NW/4, SW/4			Sacramento Municipal Utility District	27.0000000%	23.625000%	
	#260, #276, #277, #277A, #332			ROYALTY		12.500000%	
	#277 BP AMERICA NON-CONSENT			ORRI		0.000000%	
					100.0000000%	100.000000%	
E-289-50	T31N R6W			Tract 43			
	Sec 15: 8.41 acres out of S/2S/2SW/4SW/4		80.00	WORKING INTEREST			
	Sec 22: 71.59 acres in the W/2NW/4			Williams Production Company LLC	18.0000000%	14.850000%	0.922883%
	Also described as the E/2SE/4 of the resurveyed tracts in Sec 15, 16 21 & 22			ConocoPhillips Company	82.0000000%	67.650000%	
	#208, #332			ROYALTY		12.500000%	
	#208 CONOCOPHILLIPS NON-CONSENT			ORRI		5.000000%	
					100.0000000%	100.000000%	
E-504-15	T32N R6W			Tract 44			
	Sec 32: W/2		320.00	WORKING INTEREST			
	#338, #338A			Williams Production Company LLC	18.0000000%	15.210000%	3.691531%
				ConocoPhillips Company	82.0000000%	69.290000%	
				ROYALTY		12.500000%	
				ORRI		3.000000%	
					100.0000000%	100.000000%	
E-504-19	T32N R6W			Tract 45			
	Sec 32: E/2		320.00	WORKING INTEREST			
	#339, #339A			Williams Production Company LLC	100.0000000%	65.625000%	3.691531%
				ROYALTY		12.500000%	
				ORRI		21.875000%	
					100.0000000%	100.000000%	
		2.54	8668.49				100.0000000%

EFFECTIVE: 4/1/1998

4/26/2004

WILLIAMS PRODUCTION COMPANY LLC
SUMMARY BY OWNER
ROSA UNIT FRT
5TH EXPANSION

NAME	P/A ACRES	GW/ P/A
BP America Production Company	1,265.00	0.14593126
ConocoPhillips Company	328.00	0.03783819
Edwards	228.60	0.02637126
Elizabeth Jeanne Turner Calloway	39.19	0.00452079
Fred E Turner LLC	39.19	0.00452079
J. Glenn Turner Jr LLC	39.19	0.00452079
J.M. Huber Corporation	228.60	0.02637126
John L. Turner	39.19	0.00452079
Mary Frances Turner Jr Trust #6743	39.19	0.00452079
Sacramento Municipal Utility District	1,883.34	0.21726327
Williams Production Company LLC	4,539.00	0.52362082
Wiser Oil Company	0.00	0.00000000
	8,668.49	1.00000000

Effective Date: 4/1/98

UNIT AREA EXPANSION SCHEDULE

SCHEDULE VI
5TH PARTICIPATING AREA FOR THE FRUITLAND FORMATION
ROSA UNIT AREA

RECAPITULATION

Description of lands in Fruitland Participating Areas

Township 31 North, Range 4 West, N.M.P.M.

Section 2: W/2

Section 3: E/2

Township 31 North, Range 5 West, N.M.P.M.

Section 30 ALL

Section 21: E/2

Section 31: S/2

Section 32: W/2

Section 28: W/2

Section 34: W/2

Township 31 North, Range 6 West, N.M.P.M.

Sections *4,5,8,17,22,26 ALL

Section 12: S/2

Section 14: W/2

Section 15: W/2

Section 21: S/2

Section 23: W/2

Section 25: S/2

Township 32 North, Range 6 West, N.M.P.M.

Section 32 ALL

Section 33: W/2

Total number of acres in Participating Area:	8,671.03
Total number of acres not committed to Participating Area:	2.54
Total number of acres committed to Participating Area:	8,668.49

*Portions of this acreage not committed to unit.

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-078891	T31N R4W			Tract I			
	Sec 2: W/2		653.14	WORKING INTEREST John L. Turner	6.000000%	3.937500%	
	Sec 3: E/2			J.M. Huber Corporation	35.000000%	22.968750%	3.587195%
	#282, #285			Elizabeth Jeanne Turner Calloway	6.000000%	3.937500%	
				Mary Frances Turner Jr Trust #6743	6.000000%	3.937500%	
				J. Glenn Turner Jr LLC	6.000000%	3.937500%	
				Fred E Turner LLC	6.000000%	3.937500%	
				Edwards	35.000000%	22.968750%	
				ROYALTY		12.500000%	
				ORRI	100.000000%	21.875000%	
						100.000000%	
SF-078767	T31N R5W			Tract I4			
	Sec 7: S/2		1590.45	WORKING INTEREST Williams Production Company LLC	73.000000%	63.875000%	8.735117%
	#227			Sacramento Municipal Utility District	27.000000%	23.625000%	
	#227, SMUD NON-CONSENT			ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	
	T31N R6W						
	Sec 12: S/2						
	Sec 13: ALL						
	Sec 24: ALL						
	#206, #209, #210, #220, #225						
	#210, #225 SMUD NON-CONSENT						
SF-078770	T31N R5W			Tract I6			
	Sec 27: W/2		320.00	WORKING INTEREST Williams Production Company LLC	23.000000%	20.125000%	1.757514%
	#257			BP America Production Company	50.000000%	43.750000%	
				Sacramento Municipal Utility District	27.000000%	23.625000%	
				ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	

[illegible]

SCHEDULE VII
SIXTH PARTICIPATING AREA FOR THE
FRUITLAND FORMATION ROSA UNIT AREA

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW1 PERCENTAG E	NRI PERCENTAG E	PARTICIPATION FACTOR
E-347-48	T31N R5W Sec 32: NE/4 #334, #334A		160.00	Tract 26 WORKING INTEREST Williams Production Company LLC ROYALTY ORRI	100.0000000%	65.6250000% 12.5000000% 0.0000000% 78.1250000%	0.878757%
E-347-55	T31N R5W Sec 32: S/2 #334, #334A, #337, #337A #337 BP AMERICA NON-CONSENT		320.00	Tract 27 WORKING INTEREST Williams Production Company LLC ROYALTY ORRI	100.0000000%	65.6250000% 12.5000000% 21.8750000% 100.0000000%	1.757514%
SF-078773	T31N R5W Sec 34.35: ALL Sec 33: N/2 #268, #269, #269A, #270 #271, #272 #271, #272 SMUD NON-CONSENT #269, #271, #272, BP AMERICA NON-CONSENT		1600.00	Tract 28 WORKING INTEREST Williams Production Company LLC BP America Production Company Sacramento Municipal Utility District ROYALTY ORRI	23.0000000% 50.0000000% 27.0000000% 100.0000000%	20.1250000% 43.7500000% 23.6250000% 12.5000000% 0.0000000% 100.0000000%	8.787568%
SF-078772	T31N R6W Sec 1: ALL Sec 3: Lois 5,6,7,8,9, E/2SW/4, SE/4, SW/4SW/4 Sec 4: Lois 5,6,7,8,9, N/2SW/4, NW/4SE/4, SE/4SE/4 T32N R6W Sec 33: W/2 #237, #238, #240, #242, #242A, #238, #240 SMUD NON-CONSENT		1161.86	Tract 29 WORKING INTEREST Williams Production Company LLC Sacramento Municipal Utility District ROYALTY ORRI	73.0000000% 27.0000000% 100.0000000%	63.8750000% 23.6250000% 12.5000000% 0.0000000% 100.0000000%	6.381203%

SCHEDULE VII
SIXTH PARTICIPATING AREA FOR THE
FRUITLAND FORMATION ROSA UNIT AREA

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW PERCENTAG E	NRI PERCENTAG E	PARTICIPATION FACTOR
	T32N R6W		960.00	WORKING INTEREST			
	Sec 34: E/2			Williams Production Company LLC	23.000000%	20.125000%	5.272541%
	Sec 35: ALL			BP America Production Company	50.000000%	43.750000%	
	#279, #329, #331			Sacramento Municipal Utility District	27.000000%	23.625000%	
	#279, #329, #331 BP AMERICA NON-CONSENT			ROYALTY		12.500000%	
	#329, #331 SMUD NON-CONSENT			ORRI		0.000000%	
					100.000000%	100.000000%	
Uncommitted	T31N R6W	40.66		Tract 32			
	Sec 3 & 4 a portion thereof designated as Tract 37						0.000000%
	This tract is not committed to the unit						
	#237, #238						
	#238 SMUD NON-CONSENT						
SF-078765	T31N R6W			Tract 33			
	Sec 4: S/2SW/4, SW/4SE/4		829.13	WORKING INTEREST			
	Sec 5: ALL			Williams Production Company LLC	73.000000%	63.875000%	4.553773%
	Sec 8: E/2NE/4, NW/4			Sacramento Municipal Utility District	27.000000%	23.625000%	
	Sec 15: Lots 1,2, E/2SW/4			ROYALTY		12.500000%	
	#208, #224, #224A, #236, #236A, #237			ORRI		0.000000%	
	#208 CONOCOPHILIPS NON-CONSENT				100.000000%	100.000000%	
	T31N R6W		240.00	WORKING INTEREST			
	Sec 8: E/2SE/4, SW/4			Williams Production Company LLC	23.000000%	20.125000%	1.318135%
	#273, #273A			BP America Production Company	50.000000%	43.750000%	
				Sacramento Municipal Utility District	27.000000%	23.625000%	
				ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	
FEE	T31N R6W			Tract 34			
	Sec 8: W/2NE/4		80.00	WORKING INTEREST			
	#224, #224A			Williams Production Company LLC	73.000000%	63.875000%	0.439378%
				Sacramento Municipal Utility District	27.000000%	23.625000%	
				ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW PERCENTAG E	NRI PERCENTAG E	PARTICIPATION FACTOR
	T31N R6W		80.00	WORKING INTEREST			
	Sec 8: W/2SE/4			Williams Production Company LLC	23.000000%	20.125000%	0.439378%
	#273, #273A			BP America Production Company	50.000000%	43.750000%	
				Sacramento Municipal Utility District	27.000000%	23.625000%	
				ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	
FEE	T31N R6W			Tract 36			
	Sec 15: Tract 38		112.62	WORKING INTEREST			
	#208 CONOCOPHILLIPS NON-CONSENT			Williams Production Company LLC	73.000000%	59.881900%	0.618535%
				Sacramento Municipal Utility District	27.000000%	22.148100%	
				ROYALTY		12.500000%	
				ORRI		5.470000%	
					100.000000%	100.000000%	
SF-078771	T31N R6W			Tract 37			
	Sec 11: ALL		2240.00	WORKING INTEREST			
	Sec 14: W/2			Williams Production Company LLC	73.000000%	63.875000%	12.302396%
	Sec 23: ALL			Sacramento Municipal Utility District	27.000000%	23.625000%	
	Sec 26: ALL			ROYALTY		12.500000%	
	#202, #211, #211A, #213, #214, #215, #215A, #216, #217			ORRI		0.000000%	
	#217 SMUD NON-CONSENT				100.000000%	100.000000%	
FEE	T31N R6W			Tract 38			
	Sec 15: Tract 39		80.00	WORKING INTEREST			
	Also described as the E/2NE/4 of the resurveyed tracts lying in Sec. 15, 16, 21 & 22			Williams Production Company LLC	73.000000%	63.875000%	0.439378%
	#208 CONOCOPHILLIPS NON-CONSENT			Sacramento Municipal Utility District	27.000000%	23.625000%	
				ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	

SCHEDULE VII
SIXTH PARTICIPATING AREA FOR THE
FRUITLAND FORMATION ROSA UNIT AREA

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAG E	NRI PERCENTAG E	PARTICIPATION FACTOR
E-504-19	T32N R6W			Tract 45			
	Sec 32: E/2		320.00	WORKING INTEREST			
	#339, #339A			Williams Production Company LLC	100.000000%	65.625000%	1.757514%
				ROYALTY		12.500000%	
				ORRI		21.875000%	
					100.000000%	100.000000%	
E-346-30	T32N R6W			Tract 47			
	Sec 36: W/2		320.00	WORKING INTEREST			
	#243			Williams Production Company LLC	73.000000%	63.875000%	1.757514%
				Sacramento Municipal Utility District	27.000000%	23.625000%	
				ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	
		40.66	18207.54				100.000000%

WILLIAMS PRODUCTION COMPANY LLC
SUMMARY BY OWNER
ROSA UNIT FRT
6TH EXPANSION

NAME	P/A ACRES	GW/P/A
BP America Production Company	3,025.00	0.16614016
ConocoPhillips Company	328.00	0.01801451
Edwards	228.60	0.01255518
Elizabeth Jeanne Turner Calloway	39.19	0.00215232
Fred E Turner LLC	39.19	0.00215232
J. Glenn Turner Jr LLC	39.19	0.00215232
J.M. Huber Corporation	228.60	0.01255518
John L. Turner	39.19	0.00215232
Mary Frances Turner Jr Trust #6743	39.19	0.00215232
Sacramento Municipal Utility District	4,286.09	0.23540182
Williams Production Company LLC	9,915.31	0.54457155
Wiser Oil Company	0.00	0.00000000
	18,207.54	1.00000000

Effective Date: 5/1/99

UNIT AREA EXPANSION SCHEDULE

SCHEDULE VII
6TH PARTICIPATING AREA FOR THE FRUITLAND FORMATION
ROSA UNIT AREA

RECAPITULATION

Description of lands in Fruitland Participating Areas

Township 31 North, Range 4 West, N.M.P.M.

Section 2: W/2

Section 3: E/2

Township 31 North, Range 5 West, N.M.P.M.

Sections 19,20,21,28,29,30,31,32,34,35 ALL

Section 7: S/2

Section 17: W/2

Section 18: S/2

Section 27: W/2

Section 33: N/2

Township 31 North, Range 6 West, N.M.P.M.

Sections 1,*3,*4,5,8,11 13,17,22,23,24,25,26, ALL

Section 12: S/2

Section 14: W/2

Section 15: W/2

Section 21: S/2

Township 32 North, Range 6 West, N.M.P.M.

Sections 32,35 ALL

Section 33: W/2

Section 34: E/2

Section 36: W/2

Total number of acres in Participating Area:	18,248.20
Total number of acres not committed to Participating Area:	40.66
Total number of acres committed to Participating Area:	18,207.54

*Portions of this acreage not committed to unit.

SCHEDULE VIII
SEVENTH PARTICIPATING AREA FOR THE
FRUITLAND FORMATION ROSA UNIT AREA

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**SCHEDULE VIII
SEVENTH PARTICIPATING AREA FOR THE
FRUITLAND FORMATION ROSA UNIT AREA**

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
FEE	T31N R5W			TRACT 19			
	Sec 19: Lots 2,3, NW/4SE/4, SW/4NE/4		152.22	WORKING INTEREST			
	#204, #219			Williams Production Company LLC	73.0000000%	63.875000%	0.72934%
				Sacramento Municipal Utility District	27.0000000%	23.625000%	
				ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.0000000%	100.0000000%	
FEE	T31N R5W			TRACT 20			
	Sec 20: SW/4		320.00	WORKING INTEREST			
	Sec 29: NW/4			Williams Production Company LLC	73.0000000%	63.875000%	1.519768%
	#229, #232			Sacramento Municipal Utility District	27.0000000%	23.625000%	
				ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.0000000%	100.0000000%	
SF-079165	T31N R5W			TRACT 21			
	Sec 29: S/2NE/4, E/2SE/4		160.00	WORKING INTEREST			
	#200			Williams Production Company LLC	73.0000000%	63.875000%	0.75984%
				Sacramento Municipal Utility District	27.0000000%	23.625000%	
				ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.0000000%	100.0000000%	
SF-078768	T31N R5W			TRACT 22			
	Sec 23: S/2		640.00	WORKING INTEREST			
	Sec 26: S/2			Williams Production Company LLC	100.0000000%	87.500000%	3.039535%
	#343, #345			ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.0000000%	100.0000000%	
E-347-56	T31N R5W			TRACT 25			
	Sec 32: NW/4		160.00	WORKING INTEREST			
	#337, #337A			Williams Production Company LLC	86.944596%	76.076522%	0.75984%
	#337 BP AMERICA NON-CONSENT			BP America Production Company	13.055404%	11.423479%	
				ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.0000000%	100.0000000%	

EFFECTIVE: 5/1/2000

SCHEDULE VIII
SEVENTH PARTICIPATING AREA FOR THE
FRUITLAND FORMATION ROSA UNIT AREA

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
E-347-48	T31N R5W Sec 32: NE/4 #334, #334A		160.00	Tract 26 WORKING INTEREST Williams Production Company LLC ROYALTY ORRI	100.0000000%	65.6250000% 12.5000000% 0.0000000% 78.1250000%	0.75984%
E-347-55	T31N R5W Sec 32: S/2 #334, #334A, #337, #337A #337 BP AMERICA NON-CONSENT		320.00	Tract 27 WORKING INTEREST Williams Production Company LLC ROYALTY ORRI	100.0000000%	65.6250000% 12.5000000% 21.8750000% 100.0000000%	1.519768%
SF-078773	T31N R5W Sec 33,34,35: ALL #259, #259A, #268, #269, #269A, #270 #271, #272 #259, #271, #272 SMUD NON-CONSENT #269, #271, #272, BP AMERICA NON-CONSENT		1920.00	Tract 28 WORKING INTEREST Williams Production Company LLC BP America Production Company Sacramento Municipal Utility District ROYALTY ORRI	23.0000000% 50.0000000% 27.0000000% 0.0000000% 100.0000000%	20.1250000% 43.7500000% 23.6250000% 12.5000000% 100.0000000%	9.118606%
SF-078772	T31N R6W Sec 1: ALL Sec 3: Lots 5,6,7,8,9, E/2SW/4, SE/4, SW/4SW/4 Sec 4: Lots 5,6,7,8,9, N/2SW/4, NW/4SE/4, SE/4SE/4 T32N R6W Sec 33: W/2 #237, #238, #240, #242, #242A, #238, #240 SMUD NON-CONSENT		1161.86	Tract 29 WORKING INTEREST Williams Production Company LLC Sacramento Municipal Utility District ROYALTY ORRI	73.0000000% 27.0000000% 12.5000000% 0.0000000% 100.0000000%	63.8750000% 23.6250000% 12.5000000% 0.0000000% 100.0000000%	5.517991%

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SCHEDULE VIII
SEVENTH PARTICIPATING AREA FOR THE
FRUITLAND FORMATION ROSA UNIT AREA

[illegible]

SCHEDULE VIII
SEVENTH PARTICIPATING AREA FOR THE
FRUITLAND FORMATION ROSA UNIT AREA

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
E-346-20	T31N R6W Sec 16: The approximate NE/4SW/4, NW/4SE/4 Also described as the N/2NW/4 of the resurveyed tracts lying in Sec. 15, 16, 21 & 22 #274, #341, #341A #274 BP AMERICA NON-CONSENT		80.00	TRACT 40 WORKING INTEREST Williams Production Company LLC John L. Turner Elizabeth Jeanne Turner Calloway Mary Frances Turner Jr Trust #6743 J. Glenn Turner Jr LLC Fred E Turner LLC ROYALTY ORRI	50.0000000% 32.812500% 10.0000000% 10.0000000% 10.0000000% 10.0000000% 10.0000000% 12.5000000% 21.8750000% 100.0000000%	0.379942% 6.562500% 6.562500% 6.562500% 6.562500% 6.562500% 6.562500% 12.5000000% 21.8750000% 100.0000000%	
E-346-22	T31N R6W Sec 16: The approximate SE/4SW/4, NE/4SE/4 Also described as the SW/4NW/4, NW/4NE/4 of the resurveyed tracts lying in Sec. 15, 16, 21 & 22 #274, #341, #341A #274 BP AMERICA NON-CONSENT		80.00	TRACT 40A WORKING INTEREST Williams Production Company LLC John L. Turner Elizabeth Jeanne Turner Calloway Mary Frances Turner Jr Trust #6743 J. Glenn Turner Jr LLC Fred E Turner LLC ROYALTY ORRI	50.0000000% 32.812500% 10.0000000% 10.0000000% 10.0000000% 10.0000000% 10.0000000% 12.5000000% 21.8750000% 100.0000000%	0.379942% 6.562500% 6.562500% 6.562500% 6.562500% 6.562500% 6.562500% 12.5000000% 21.8750000% 100.0000000%	
E-289	T31N R6W Sec 16: approximately 16.88 acres S/2S/2SE/4SW/4 & S/2S/2SW/4SE/4 #274, #341, #341A #274 BP AMERICA NON-CONSENT		16.88	TRACT 41 WORKING INTEREST Wiser Oil Company ROYALTY ORRI	100.0000000% 87.5000000% 12.5000000% 0.0000000% 100.0000000%	0.080168% 8.7500000% 1.2500000% 0.0000000% 100.0000000%	
E-289-43	T31N R6W Sec 16: approximately 8.44 acres in the S/2S/2SE/4SE/4 #274 #274 BP AMERICA NON-CONSENT		8.44	TRACT 42 WORKING INTEREST Williams Production Company LLC BP America Production Company Sacramento Municipal Utility District ROYALTY ORRI	23.0000000% 19.5500000% 50.0000000% 42.5000000% 22.9500000% 12.5000000% 2.5000000% 100.0000000%	0.040084% 0.379942% 6.562500% 6.562500% 6.562500% 6.562500% 6.562500% 100.0000000%	

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[illegible]

WILLIAMS PRODUCTION COMPANY LLC
SUMMARY BY OWNER
ROSA UNIT FRT
7TH EXPANSION

NAME	P/A ACRES	GWI P/A
BP America Production Company	3,676.56	0.17461008
ConocoPhillips Company	328.00	0.01557762
Edwards	228.60	0.01085679
Elizabeth Jeanne Turner Calloway	55.19	0.00262105
Fred E Turner LLC	55.19	0.00262105
J. Glenn Turner Jr LLC	55.19	0.00262105
J.M. Huber Corporation	228.60	0.01085679
John L. Turner	55.19	0.00262105
Mary Frances Turner Jr Trust #6743	55.19	0.00262105
Sacramento Municipal Utility District	4,834.57	0.22960717
Williams Production Company LLC	11,466.69	0.54458463
Wiser Oil Company	16.88	0.00080168
	21,055.85	1.00000000

Effective Date: 5/1/00

UNIT AREA EXPANSION SCHEDULE

SCHEDULE VIII
7TH PARTICIPATING AREA FOR THE FRUITLAND FORMATION
ROSA UNIT AREA

RECAPITULATION

Description of lands in Fruitland Participating Areas

Township 31 North, Range 4 West, N.M.P.M.

Section 2: W/2

Section 3: E/2

Township 31 North, Range 5 West, N.M.P.M.

Sections 6,7,18,19,20,21,28,29,30,31,32,33,34,35 ALL

Section 17: W/2

Section 23: S/2

Section 26: S/2

Section 27: W/2

Township 31 North, Range 6 West, N.M.P.M.

Sections 1,*3,*4,5,8,11 13,16,17,22,23,24,25,26, ALL

Section 12: S/2

Section 14: W/2

Section 15: W/2

Section 21: S/2

Township 32 North, Range 6 West, N.M.P.M.

Sections 32,*33,*34,35 ALL

Section 36: W/2

Total number of acres in Participating Area:	21,216.51
Total number of acres not committed to Participating Area:	160.66
Total number of acres committed to Participating Area:	21,055.85

*Portions of this acreage not committed to unit.

**SCHEDULE VIV
EIGHTH PARTICIPATING AREA FOR THE
FRUITLAND FORMATION ROSA UNIT AREA**

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-078891	T31N R4W						
	Sec 2: W/2		653.14	WORKING INTEREST Tract 1			
	Sec 3: E/2			John L. Turner	6.000000%	3.937500%	
	#282, #285			J.M. Huber Corporation	35.000000%	22.968750%	2.924178%
				Elizabeth Jeanne Turner Calloway	6.000000%	3.937500%	
				Mary Frances Turner Jr Trust #6743	6.000000%	3.937500%	
				J. Glenn Turner Jr LLC	6.000000%	3.937500%	
				Fred E Turner LLC	6.000000%	3.937500%	
				Edwards	35.000000%	22.968750%	
				ROYALTY		12.500000%	
				ORRI		21.875000%	
					100.000000%	100.000000%	
SF-078889	T31N R4W						
	Sec 19: E/2		320.00	WORKING INTEREST Tract 6			
	#354			Williams Production Company LLC	100.000000%	87.500000%	1.432674%
				ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	
SF-078767	T31N R5W						
	Sec 6: ALL		2086.87	WORKING INTEREST Tract 14			
	Sec 7: ALL			Williams Production Company LLC	73.000000%	63.875000%	9.143141%
	#227, #228, #241			Sacramento Municipal Utility District	27.000000%	23.625000%	
	#227, #228 SMUD NON-CONSENT			ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	
	T31N R6W						
	Sec 12: S/2						
	Sec 13: ALL						
	Sec 24: ALL						
	#206, #209, #210, #220, #225						
	#210, #225 SMUD NON-CONSENT						
SF-078770	T31N R5W						
	Sec 27: W/2		320.00	WORKING INTEREST Tract 16			
	#257			Williams Production Company LLC	23.000000%	20.125000%	1.432674%
				BP America Production Company	50.000000%	43.750000%	
				Sacramento Municipal Utility District	27.000000%	23.625000%	
				ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	

[illegible]

[illegible]

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SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
Uncommitted	T31N R6W	160.66		Tract 32			0.000000%
	Sec 3 & 4 a portion thereof designated as Tract 37						
	This tract is not committed to the unit						
	#237, #238						
	#238 SMUD NON-CONSENT						
	T32N R6W						
	Sec 33: E/2SE/4						
	Sec 34: NW/4SW/4						
	This tract is not committed to the unit						
	#355, #358						
SF-078765	T31N R6W			Tract 33			
	Sec 4: S/2SW/4, SW/4SE/4	829.13	WORKING INTEREST				
	Sec 5: ALL		Williams Production Company LLC		73.0000000%	63.875000%	3.712104%
	Sec 8: E/2NE/4, NW/4		Sacramento Municipal Utility District		27.0000000%	23.625000%	
	Sec 15: Lots 1,2, E/2SW/4		ROYALTY			12.500000%	
	#208, #234, #236, #236A, #237		ORRI		100.000000%	0.000000%	
	#208 CONOCOPHILLIPS NON-CONSENT					100.000000%	
	T31N R6W	240.00	WORKING INTEREST				
	Sec 8: E/2SE/4, SW/4		Williams Production Company LLC		23.0000000%	20.125000%	1.074506%
	#273, #273A		BP America Production Company		50.0000000%	43.750000%	
			Sacramento Municipal Utility District		27.0000000%	23.625000%	
			ROYALTY			12.500000%	
			ORRI		100.000000%	0.000000%	
					100.000000%	100.000000%	
FEB	T31N R6W		Tract 34				
	Sec 8: W/2NE/4	80.00	WORKING INTEREST				
	#24, #24A		Williams Production Company LLC		73.0000000%	63.875000%	0.358169%
			Sacramento Municipal Utility District		27.0000000%	23.625000%	
			ROYALTY			12.500000%	
			ORRI		100.000000%	0.000000%	
					100.000000%	100.000000%	
	T31N R6W	80.00	WORKING INTEREST				
	Sec 8: W/2SE/4		Williams Production Company LLC		23.0000000%	20.125000%	0.358169%
	#273, #273A		BP America Production Company		50.0000000%	43.750000%	
			Sacramento Municipal Utility District		27.0000000%	23.625000%	
			ROYALTY			12.500000%	
			ORRI		100.000000%	0.000000%	
					100.000000%	100.000000%	

SCHEDULE VIV
EIGHTH PARTICIPATING AREA FOR THE
FRUITLAND FORMATION ROSA UNIT AREA

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
FEE	T31N R6W			Tract 36			
	Sec 15: Tract 38		112.62	WORKING INTEREST			
	#208 CONOCOPHILLIPS NON-CONSENT			Williams Production Company LLC	73.000000%	59.881900%	0.504212%
				Sacramento Municipal Utility District	27.000000%	22.148100%	
				ROYALTY		12.500000%	
				ORRI		5.470000%	
					100.000000%	100.000000%	
SF-078771	T31N R6W			Tract 37			
	Sec 11: ALL		2240.00	WORKING INTEREST			
	Sec 14: W/2			Williams Production Company LLC	73.000000%	63.875000%	10.028721%
	Sec 23: ALL			Sacramento Municipal Utility District	27.000000%	23.625000%	
	Sec 26: ALL			ROYALTY		12.500000%	
	#202, #211, #213, #214, #215, #215A, #216, #217			ORRI		0.000000%	
	#217 SMUD NON-CONSENT				100.000000%	100.000000%	
FEE	T31N R6W			Tract 38			
	Sec 15: Tract 39		80.00	WORKING INTEREST			
	Also described as the E/2NE/4 of the resurveyed tracts lying in Sec. 15, 16, 21 & 22			Williams Production Company LLC	73.000000%	63.875000%	0.358169%
	#208 CONOCOPHILLIPS NON-CONSENT			Sacramento Municipal Utility District	27.000000%	23.625000%	
				ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	
	T31N R6W		80.00	WORKING INTEREST			
	Sec 16: Tract 39			Williams Production Company LLC	23.000000%	20.125000%	0.358169%
	Also described as SE/4NW/4 & SW/4NE/4 of the resurveyed tracts lying in Sec. 15, 16, 21 & 22			BP America Production Company	50.000000%	43.750000%	
	#274 BP AMERICA NON-CONSENT			Sacramento Municipal Utility District	27.000000%	23.625000%	
				ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	
SF-078766	T31N R6W			Tract 39			
	Sec 22: E/2		864.48	WORKING INTEREST			
	Sec 25: ALL			Williams Production Company LLC	73.000000%	63.875000%	3.570370%
	#201, #218, #218A, #256			Sacramento Municipal Utility District	27.000000%	23.625000%	
				ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW1 PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
	T31N R6W		1688.23	WORKING INTEREST			
	Sec 16: Lots 1,2,3, (94.50), N/2NE/4, W/2W/2.			Williams Production Company LLC	23.000000%	20.125000%	7.538187%
	NE/4NW/4			BP America Production Company	50.000000%	43.750000%	
	Sec 17: ALL			Sacramento Municipal Utility District	27.000000%	23.625000%	
	Sec 21: Lots 1,2,3, S/2, W/2NW/4			ROYALTY		13.500000%	
	Sec 23: Lot 1, E/2NW/4, SW/4			ORRI	0.000000%	0.000000%	
	#260, #274, #276, #277, #277A, #332				100.000000%	100.000000%	
	#341, #341A, #342						
	#274, #277 BP AMERICA NON-CONSENT						
E-346-20	T31N R6W			Tract 40			
	Sec 16: The approximate NE/4SW/4, NW/4SE/4	80.00		WORKING INTEREST			
	Also described as the N/2NW/4 of the resurveyed			Williams Production Company LLC	50.000000%	33.812500%	0.358169%
	tracts lying in Sec. 15, 16, 21 & 22			John L. Turner	10.000000%	6.562500%	
	#274, #341, #341A			Elizabeth Jeanne Turner Calloway	10.000000%	6.562500%	
	#274 BP AMERICA NON-CONSENT			Mary Frances Turner Jr Trust #6743	10.000000%	6.562500%	
				J. Glenn Turner Jr LLC	10.000000%	6.562500%	
				Fred E Turner LLC	10.000000%	6.562500%	
				ROYALTY		12.500000%	
				ORRI	100.000000%	21.875000%	
					100.000000%	100.000000%	
E-346-22	T31N R6W			Tract 40A			
	Sec 16: The approximate SE/4SW/4, NE/4SE/4	80.00		WORKING INTEREST			
	Also described as the SW/4NW/4, NW/4NE/4 of the			Williams Production Company LLC	50.000000%	33.812500%	0.358169%
	resurveyed tracts lying in Sec 15, 16, 21 & 22			John L. Turner	10.000000%	6.562500%	
	#274, #341, #341A			Elizabeth Jeanne Turner Calloway	10.000000%	6.562500%	
	#274 BP AMERICA NON-CONSENT			Mary Frances Turner Jr Trust #6743	10.000000%	6.562500%	
				J. Glenn Turner Jr LLC	10.000000%	6.562500%	
				Fred E Turner LLC	10.000000%	6.562500%	
				ROYALTY		12.500000%	
				ORRI	100.000000%	21.875000%	
					100.000000%	100.000000%	

SCHEDULE VIV
EIGHTH PARTICIPATING AREA FOR THE
FRUITLAND FORMATION ROSA UNIT AREA

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW1 PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
E-289	T31N R6W Sec 16: approximately 16.88 acres S/2S/2SE/4SW/4 & S/2S/2SW/4SE/4 Sec 21: 71.56 acres out of the E/2NW/4, 71.56 acres out of W/2NE/4 Also described as the SW/4 of the resurveyed tracts lying in Sec. 15, 16, 21 & 22 #342, #342A, #274, #341, #341A #274 BP AMERICA NON-CONSENT		160.00	TRACT 41 WORKING INTEREST Wiser Oil Company ROYALTY ORRI	100.000000%	87.500000% 12.500000% 0.000000% 100.000000%	0.716337%
E-289-43	T31N R6W Sec 16: approximately 8.44 acres in the S/2S/2SE/4SE/4 Sec 21: 71.56 acres out of the E/2NE/4 Also described as the W/2SE/4 of the resurveyed tracts lying in Sec. 15, 16, 21 & 22 #274, #342, #342A #274 BP AMERICA NON-CONSENT		80.00	TRACT 42 WORKING INTEREST Williams Production Company LLC BP America Production Company Sacramento Municipal Utility District ROYALTY ORRI	23.000000% 50.000000% 27.000000%	19.550000% 42.500000% 22.950000% 12.500000% 2.500000% 100.000000%	0.358169%
E-289-50	T31N R6W Sec 15: 8.41 acres out of S/2S/2SW/4SW/4 Sec 22: 71.59 acres in the W/2NW/4 Also described as the E/2SE/4 of the resurveyed tracts in Sec 15, 16, 21 & 22 #208, #332 #208 CONOCOPHILLIPS NON-CONSENT		80.00	TRACT 43 WORKING INTEREST Williams Production Company LLC ConocoPhillips Company ROYALTY ORRI	18.000000% 82.000000%	14.850000% 67.650000% 12.500000% 5.000000% 100.000000%	0.358169%
E-504-15	T32N R6W Sec 32: W/2 #338, #338A		320.00	TRACT 44 WORKING INTEREST Williams Production Company LLC ConocoPhillips Company ROYALTY ORRI	18.000000% 82.000000%	15.210000% 69.290000% 12.500000% 3.000000% 100.000000%	1.433674%
E-504-19	T32N R6W Sec 32: E/2 #339, #339A		320.00	TRACT 45 WORKING INTEREST Williams Production Company LLC ROYALTY ORRI	100.000000%	65.625000% 12.500000% 21.875000% 100.000000%	1.433674%

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WILLIAMS PRODUCTION COMPANY LLC
SUMMARY BY OWNER
ROSA UNIT FRT
8TH EXPANSION

NAME	P/A ACRES	GW/ P/A
BP America Production Company	3,765.00	0.16856326
ConocoPhillips Company	328.00	0.01468491
Edwards	228.60	0.01023462
Elizabeth Jeanne Turner Calloway	55.19	0.00247084
Fred E Turner LLC	55.19	0.00247084
J. Glenn Turner Jr LLC	55.19	0.00247084
J.M. Huber Corporation	228.60	0.01023462
John L. Turner	55.19	0.00247084
Mary Frances Turner Jr Trust #6743	55.19	0.00247084
Sacramento Municipal Utility District	4,882.33	0.21858724
Williams Production Company LLC	12,467.37	0.55817776
Wiser Oil Company	160.00	0.00716337
	22,335.85	1.00000000

Effective Date: 6/1/01

UNIT AREA EXPANSION SCHEDULE

SCHEDULE VIV
8TH PARTICIPATING AREA FOR THE FRUITLAND FORMATION
ROSA UNIT AREA

RECAPITULATION

Description of lands in Fruitland Participating Areas

Township 31 North, Range 4 West, N.M.P.M.

Section 2: W/2

Section 3: E/2

Section 19: E/2

Township 31 North, Range 5 West, N.M.P.M.

Sections 6,7,17,18,19,20,21,28,29,30,31,32,33,34,35 ALL

Section 23: S/2

Section 26: S/2

Section 27: W/2

Township 31 North, Range 6 West, N.M.P.M.

Sections 1,*3,*4,5,8,11 13,16,17,21,22,23,24,25,26, ALL

Section 12: S/2

Section 14: W/2

Section 15: W/2

Township 32 North, Range 6 West, N.M.P.M.

Sections 32,*33,*34,35,36 ALL

Total number of acres in Participating Area:	22,496.51
Total number of acres not committed to Participating Area:	160.66
Total number of acres committed to Participating Area:	22,335.85

*Portions of this acreage not committed to unit.

**SCHEDULE X
NINTH PARTICIPATING AREA FOR THE
FRUITLAND FORMATION ROSA UNIT AREA**

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW1 PERCENTAGE	NR1 PERCENTAGE	PARTICIPATION FACTOR
SF-078891	T31N R4W		653.14	Tract 1 WORKING INTEREST			
	Sec 2: W/2			John L. Turner	6.000000%	3.937500%	
	Sec 3: E/2			J.M. Huber Corporation	35.000000%	22.968750%	2.803675%
	#282, #285			Elizabeth Jeanne Turner Calloway	6.000000%	3.937500%	
				Mary Frances Turner Jr Trust #6743	6.000000%	3.937500%	
				J. Glenn Turner Jr LLC	6.000000%	3.937500%	
				Fred E Turner LLC	6.000000%	3.937500%	
				Edwards	35.000000%	22.968750%	
				ROYALTY		12.500000%	
				ORRI		21.875000%	
					100.000000%	100.000000%	
SF-078889	T31N R4W			Tract 6 WORKING INTEREST			
	Sec 19: E/2		320.00	Williams Production Company LLC	100.000000%	87.500000%	1.373635%
	#354			ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	
SF-078763	T31N R5W			Tract 13 WORKING INTEREST			
	Sec 8: S/2		320.00	Williams Production Company LLC	100.000000%	87.500000%	1.373635%
	#379			ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	
SF-078767	T31N R5W			Tract 14 WORKING INTEREST			
	Sec 6: ALL		2086.87	Williams Production Company LLC	73.000000%	63.875000%	8.958119%
	Sec 7: ALL			Sacramento Municipal Utility District	27.000000%	23.625000%	
	#227, #228, #241			ROYALTY		12.500000%	
	#227, #228 SMUD NON-CONSENT			ORRI		0.000000%	
					100.000000%	100.000000%	
	T31N R6W						
	Sec 12: S/2						
	Sec 13: ALL						
	Sec 24: ALL						
	#206, #209, #210, #220, #225						
	#210, #225 SMUD NON-CONSENT						

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SCHEDULE X
NINTH PARTICIPATING AREA FOR THE
EBUTLAND FORMATION ROSA UNIT AREA

[illegible]

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-079165	T31N R5W Sec 29: S/2NE/4, E/2SE/4 #200		160.00	Tract 21 WORKING INTEREST Williams Production Company LLC Sacramento Municipal Utility District ROYALTY ORRI	73.000000% 27.000000%	63.875000% 23.625000% 12.500000% 0.000000% 100.000000%	0.686818%
SF-078768	T31N R5W Sec 23: S/2 Sec 26: S/2 #343, #345		640.00	Tract 22 WORKING INTEREST Williams Production Company LLC ROYALTY ORRI	100.000000%	87.500000% 12.500000% 0.000000% 100.000000%	2.747270%
E-347-56	T31N R5W Sec 32: NW/4 #337, #337A #337 BP AMERICA NON-CONSENT		160.00	Tract 25 WORKING INTEREST Williams Production Company LLC BP America Production Company ROYALTY ORRI	86.944596% 13.055404%	76.076522% 11.423479% 12.500000% 0.000000% 100.000000%	0.686818%
E-347-48	T31N R5W Sec 32: NE/4 #334, #334A		160.00	Tract 26 WORKING INTEREST Williams Production Company LLC ROYALTY ORRI	100.000000%	65.625000% 12.500000% 0.000000% 78.125000%	0.686818%
E-347-55	T31N R5W Sec 32: S/2 #334, #334A, #337, #337A #337 BP AMERICA NON-CONSENT		320.00	Tract 27 WORKING INTEREST Williams Production Company LLC ROYALTY ORRI	100.000000%	65.625000% 12.500000% 21.875000% 100.000000%	1.373635%

**SCHEDULE X
NINTH PARTICIPATING AREA FOR THE
FRUITLAND FORMATION ROSA UNIT AREA**

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-078773	T31N R5W			Tract 28			
	Sec 33,34,35: ALL		1920.00	WORKING INTEREST			
	#259, #259A, #268, #269, #269A, #270			Williams Production Company LLC	23.000000%	20.125000%	8.241811%
	#271, #272			BP America Production Company	50.000000%	43.750000%	
	#259, #271, #272 SMUD NON-CONSENT			Sacramento Municipal Utility District	27.000000%	23.625000%	
	#269, #271, #272, BP AMERICA NON-CONSENT			ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	
SF-078772	T31N R6W			Tract 29			
	Sec 1: ALL		1161.86	WORKING INTEREST			
	Sec 3: Lots 5,6,7,8,9, E/2SW/4, SE/4, SW/4SW/4			Williams Production Company LLC	73.000000%	63.875000%	4.987412%
	Sec 4: Lots 5,6,7,8,9, N/2SW/4, NW/4SE/4, SE/4SE/4			Sacramento Municipal Utility District	27.000000%	23.625000%	
				ROYALTY		12.500000%	
	T32N R6W			ORRI		0.000000%	
	Sec 33: W/2				100.000000%	100.000000%	
	#237, #238, #240, #242, #242A,						
	#238, #240 SMUD NON-CONSENT						
	T32N R6W		1400.00	WORKING INTEREST			
	Sec 33: NE/4, W/2SE/4			Williams Production Company LLC	23.000000%	20.125000%	6.009654%
	Sec 34: E/2, E/2W/2, SW/4SW/4			BP America Production Company	50.000000%	43.750000%	
	Sec 35: ALL			Sacramento Municipal Utility District	27.000000%	23.625000%	
	#279, #329, #331, #355, #358			ROYALTY		12.500000%	
	#279, #329, #331 BP AMERICA NON-CONSENT			ORRI		0.000000%	
	#329, #331 SMUD NON-CONSENT				100.000000%	100.000000%	
Uncommitted	T31N R6W	160.66		Tract 32			
	Sec 3 & 4 a portion thereof						0.000000%
	designated as Tract 37						
	This tract is not committed to the unit						
	#237, #238						
	#238 SMUD NON-CONSENT						
	T32N R6W						
	Sec 33: E/2SE/4						
	Sec 34: NW/4SW/4						
	This tract is not committed to the unit						
	#355, #358						

**SCHEDULE X
NINTH PARTICIPATING AREA FOR THE
FRUITLAND FORMATION ROSA UNIT AREA**

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW1 PERCENTAGE	NR1 PERCENTAGE	PARTICIPATION FACTOR
SF-078765	T31N R6W			Tract 33			
	Sec 4: S/2SW/4, SW/4SE/4		829.13	WORKING INTEREST			
	Sec 5: ALL			Williams Production Company LLC	73.000000%	63.875000%	3.559132%
	Sec 8: E/2NE/4, NW/4			Sacramento Municipal Utility District	27.000000%	23.625000%	
	Sec 15: Lots 1,2, E/2SW/4			ROYALTY		12.500000%	
	#208, #224, #224A, #236, #236A, #237			ORRI	100.000000%	0.000000%	
	#208 CONOCOPHILLIPS NON-CONSENT					100.000000%	
	T31N R6W		240.00	WORKING INTEREST			
	Sec 8: E/2SE/4, SW/4			Williams Production Company LLC	23.000000%	20.125000%	1.030226%
	#273, #273A			BP America Production Company	50.000000%	43.750000%	
				Sacramento Municipal Utility District	27.000000%	23.625000%	
				ROYALTY		12.500000%	
				ORRI	100.000000%	0.000000%	
						100.000000%	
FEE	T31N R6W			Tract 34			
	Sec 8: W/2NE/4		80.00	WORKING INTEREST			
	#224, #224A			Williams Production Company LLC	73.000000%	63.875000%	0.343409%
				Sacramento Municipal Utility District	27.000000%	23.625000%	
				ROYALTY		12.500000%	
				ORRI	100.000000%	0.000000%	
						100.000000%	
	T31N R6W		80.00	WORKING INTEREST			
	Sec 8: W/2SE/4			Williams Production Company LLC	23.000000%	20.125000%	0.343409%
	#273, #273A			BP America Production Company	50.000000%	43.750000%	
				Sacramento Municipal Utility District	27.000000%	23.625000%	
				ROYALTY		12.500000%	
				ORRI	100.000000%	0.000000%	
						100.000000%	
FEE	T31N R6W			Tract 36			
	Sec 15: Tract 38		112.62	WORKING INTEREST			
	#208 CONOCOPHILLIPS NON-CONSENT			Williams Production Company LLC	73.000000%	59.881900%	0.483434%
				Sacramento Municipal Utility District	27.000000%	22.148100%	
				ROYALTY		12.500000%	
				ORRI	100.000000%	5.470000%	
						100.000000%	

**SCHEDULE X
NINTH PARTICIPATING AREA FOR THE
FRUITLAND FORMATION ROSA UNIT AREA**

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW1 PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-078771	T31N R6W						
	Sec 11: ALL		2240.00	WORKING INTEREST Tract 37			
	Sec 14: W/2			Williams Production Company LLC	73.000000%	63.875000%	9.615447%
	Sec 23: ALL			Sacramento Municipal Utility District	27.000000%	23.625000%	
	Sec 26: ALL			ROYALTY		12.500000%	
	#202, #211, #213, #214, #215, #215A, #216, #217			ORRI	100.000000%	0.000000%	
	#217					100.000000%	
	#217 SMUD NON-CONSENT						
FEE	T31N R6W			Tract 38			
	Sec 15: Tract 39		80.00	WORKING INTEREST			
	Also described as the E/2NE/4 of the resumed			Williams Production Company LLC	73.000000%	63.875000%	0.343409%
	Tracts lying in Sec. 15, 16, 21 & 22			Sacramento Municipal Utility District	27.000000%	23.625000%	
	#208 CONOCOPHILLIPS NON-CONSENT			ROYALTY		12.500000%	
				ORRI	100.000000%	0.000000%	
						100.000000%	
	T31N R6W		80.00	WORKING INTEREST			
	Sec 16: Tract 39			Williams Production Company LLC	23.000000%	20.125000%	0.343409%
	Also described as SE/4NW/4 & SW/4NE/4 of the resumed			BP America Production Company	50.000000%	43.750000%	
	resumed tracts lying in Sec. 15, 16, 21 & 22			Sacramento Municipal Utility District	27.000000%	23.625000%	
	#274 BP AMERICA NON-CONSENT			ROYALTY		12.500000%	
				ORRI	100.000000%	0.000000%	
						100.000000%	
SF-078766	T31N R6W			Tract 39			
	Sec 22: E/2		864.48	WORKING INTEREST			
	Sec 25: ALL			Williams Production Company LLC	73.000000%	63.875000%	3.710876%
	#201, #218, #218A, #256			Sacramento Municipal Utility District	27.000000%	23.625000%	
				ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	
	T31N R6W		1688.23	WORKING INTEREST			
	Sec 16: Lots 1, 2, 3, (94.50), N/2NE/4, W/2W/2, NE/4NW/4			Williams Production Company LLC	23.000000%	20.125000%	7.246913%
	Sec 17: ALL			BP America Production Company	50.000000%	43.750000%	
	Sec 21: Lots 1, 2, 3, S/2, W/2NW/4			Sacramento Municipal Utility District	27.000000%	23.625000%	
	Sec 22: Lot 1, E/2NW/4, SW/4			ROYALTY		12.500000%	
	#260, #274, #276, #277, #277A, #332			ORRI	100.000000%	0.000000%	
	#341, #341A, #342					100.000000%	
	#274, #277 BP AMERICA NON-CONSENT						

SCHEDULE X
NINTH PARTICIPATING AREA FOR THE
FRUITLAND FORMATION ROSA UNIT AREA

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
E-346-20	T31N R6W Sec 16: The approximate NE/4SW/4, NW/4SE/4 Also described as the N/2NW/4 of the resurveyed tracts lying in Sec. 15, 16, 21 & 22		80.00	Tract 40 WORKING INTEREST Williams Production Company LLC John L. Turner Elizabeth Jeanne Turner Calloway Mary Frances Turner Jr Trust #6743 J. Glenn Turner Jr LLC Fred E Turner LLC ROYALTY ORRI	50.000000% 10.000000% 10.000000% 10.000000% 10.000000% 10.000000% 10.000000% 100.000000%	32.812500% 6.562500% 6.562500% 6.562500% 6.562500% 6.562500% 21.875000% 100.000000%	0.343409%
E-346-22	T31N R6W Sec 16: The approximate SE/4SW/4, NE/4SE/4 Also described as the SW/4NW/4, NW/4NE/4 of the resurveyed tracts lying in Sec 15, 16, 21 & 22		80.00	Tract 40A WORKING INTEREST Williams Production Company LLC John L. Turner Elizabeth Jeanne Turner Calloway Mary Frances Turner Jr Trust #6743 J. Glenn Turner Jr LLC Fred E Turner LLC ROYALTY ORRI	50.000000% 10.000000% 10.000000% 10.000000% 10.000000% 10.000000% 10.000000% 100.000000%	32.812500% 6.562500% 6.562500% 6.562500% 6.562500% 6.562500% 21.875000% 100.000000%	0.343409%
E-389	T31N R6W Sec 16: approximately 16.86 acres S/2S/2SE/4SW/4 & S/2S/2SW/4SE/4 Sec 21: 71.56 acres out of the E/2NW/4, 71.56 acres out of W/2NE/4 Also described as the SW/4 of the resurveyed tracts lying in Sec. 15, 16, 21 & 22 #342, #342A, #274, #341, #341A #274 BP AMERICA NON-CONSENT		160.00	Tract 41 WORKING INTEREST Wiser Oil Company ROYALTY ORRI	100.000000% 100.000000% 100.000000%	87.500000% 12.500000% 0.000000% 100.000000%	0.686818%

SCHEDULE X
NINTH PARTICIPATING AREA FOR THE
FRUITLAND FORMATION ROSA UNIT AREA

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
E-289-43	T31N R6W			Tract 42			
	Sec 16: approximately 8.44 acres in the S/2S/2SE/4SE/4		80.00	WORKING INTEREST			
	Sec 21: 71.56 acres out of the E/2NE/4			Williams Production Company LLC	23.000000%	19.550000%	0.343409%
	Also described as the W/2SE/4 of the resurveyed tracts lying in Sec. 15, 16 21 & 22			BP America Production Company	50.000000%	42.500000%	
				Sacramento Municipal Utility District	27.000000%	22.950000%	
	#274, #342, #342A			ROYALTY		12.500000%	
	#274 BP AMERICA NON-CONSENT			ORRI	100.000000%	2.500000%	
						100.000000%	
E-289-50	T31N R6W			Tract 43			
	Sec 15: 8.41 acres out of S/2S/2SW/4SW/4		80.00	WORKING INTEREST			
	Sec 22: 71.59 acres in the W/2NW/4			Williams Production Company LLC	18.000000%	14.850000%	0.343409%
	Also described as the E/2SE/4 of the resurveyed tracts in Sec 15, 16 21 & 22			ConocoPhillips Company	82.000000%	67.650000%	
				ROYALTY		12.500000%	
	#208, #332			ORRI		5.000000%	
	#208 CONOCOPHILLIPS NON-CONSENT				100.000000%	100.000000%	
E-504-15	T32N R6W			Tract 44			
	Sec 32: W/2		320.00	WORKING INTEREST			
	#338, #338A			Williams Production Company LLC	18.000000%	15.210000%	1.373635%
				ConocoPhillips Company	82.000000%	69.290000%	
				ROYALTY		12.500000%	
				ORRI		3.000000%	
					100.000000%	100.000000%	
E-504-19	T32N R6W			Tract 45			
	Sec 32: E/2		320.00	WORKING INTEREST			
	#339, #339A			Williams Production Company LLC	100.000000%	65.625000%	1.373635%
				ROYALTY		12.500000%	
				ORRI		21.875000%	
					100.000000%	100.000000%	
FEE	T32N R6W			Tract 46			
	Sec 34: W/2NW/4		80.00	WORKING INTEREST			
	#358			Williams Production Company LLC	23.000000%	20.125000%	0.343409%
				BP America Production Company	50.000000%	43.750000%	
				Sacramento Municipal Utility District	27.000000%	23.625000%	
				ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	

[illegible]

WILLIAMS PRODUCTION COMPANY LLC
SUMMARY BY OWNER
ROSA UNIT FRT
9TH EXPANSION

NAME	P/A ACRES	GWI P/A
BP America Production Company	3,925.00	0.16848510
ConocoPhillips Company	328.00	0.01407976
Edwards	228.60	0.00981286
Elizabeth Jeanne Turner Calloway	55.19	0.00236902
Fred E Turner LLC	55.19	0.00236902
J. Glenn Turner Jr LLC	55.19	0.00236902
J.M. Huber Corporation	228.60	0.00981286
John L. Turner	55.19	0.00236902
Mary Frances Turner Jr Trust #6743	55.19	0.00236902
Sacramento Municipal Utility District	4,882.33	0.20957946
Williams Production Company LLC	13,267.37	0.56951666
Wiser Oil Company	160.00	0.00686818
	23,295.85	1.00000000

Effective Date: 8/1/02

UNIT AREA EXPANSION SCHEDULE

SCHEDULE X
9TH PARTICIPATING AREA FOR THE FRUITLAND FORMATION
ROSA UNIT AREA

RECAPITULATION

Description of lands in Fruitland Participating Areas

Township 31 North, Range 4 West, N.M.P.M.

Section 2: W/2

Section 3: E/2

Section 19: E/2

Township 31 North, Range 5 West, N.M.P.M.

Sections 6,7,17,18,19,20,21,28,29,30,31,32,33,34,35 ALL

Section 8: S/2

Section 13: W/2

Section 16: W/2

Section 23: S/2

Section 26: S/2

Section 27: W/2

Township 31 North, Range 6 West, N.M.P.M.

Sections 1,*3,*4,5,8,11 13,16,17,21,22,23,24,25,26, ALL

Section 12: S/2

Section 14: W/2

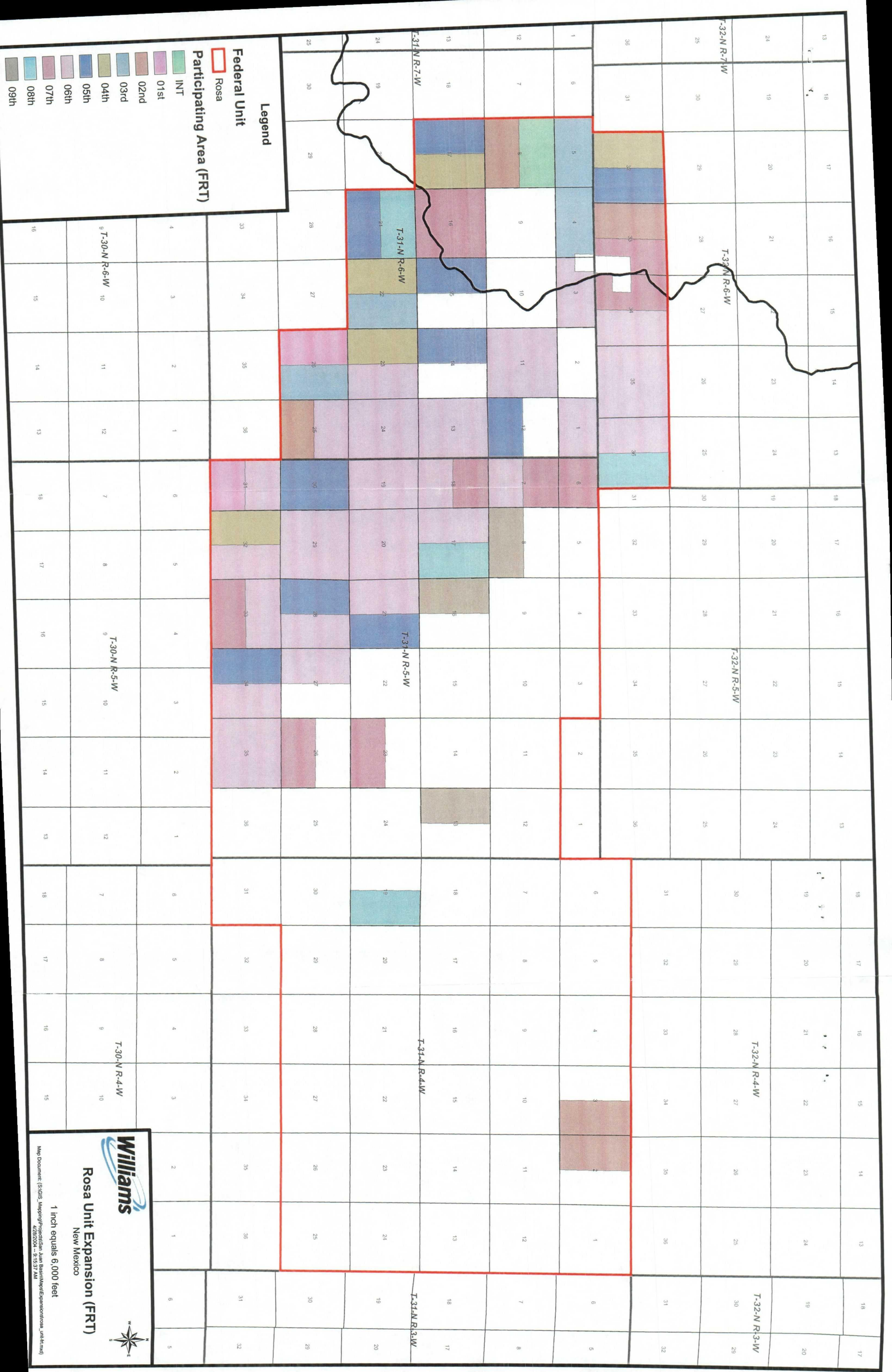
Section 15: W/2

Township 32 North, Range 6 West, N.M.P.M.

Sections 32,*33,*34,35,36 ALL

Total number of acres in Participating Area:	23,456.51
Total number of acres not committed to Participating Area:	160.66
Total number of acres committed to Participating Area:	23,295.85

*Portions of this acreage not committed to unit.





June 13, 2005

EXPLORATION & PRODUCTION
One Williams Center
P.O. Box 3102
Tulsa, OK 74101-3102
918/573-2000

Bureau of Land Management
Attn: Wayne Townsend
1235 La Plata Highway
Farmington, NM 87401

Re: Rosa Unit MV 16-26 expansions

Dear Wayne,

Per our phone conversation yesterday I am pointing out the corrections I made regarding the Rosa Unit MV 16-26 expansions. These corrections were your findings in April 2005.

1. Rounding issue on the participation factor was corrected on all expansions.
2. Regarding Tract 38 - deletion of description was done on all entries - keeping section 15 or 16.
3. Fixed the recap on expansion 21
4. Left the acreage on the 26th expansion referencing the Rosa Unit #184. 40 acres will be left out of the PA. These 40 acres are due to the non-commerciality of the Rosa #184.

If you have any questions please let me know.

A handwritten signature in cursive script that reads "Kris Russell".

Kris Russell
Sr. Contract Administrator
918/573-6181
918/573-0681 fax
kris.russell@williams.com

cc: State of New Mexico Commissioner of Public Lands
State of New Mexico Oil Conservation Division



January 16, 2004
Updated June 13, 2005

EXPLORATION & PRODUCTION
One Williams Center
P.O. Box 3102
Tulsa, OK 74101-3102
918/573-2000

Assistant District Manager, Minerals (3 copies)
Bureau of Land Management
Farmington Resources Area
Attn: Mr. Wayne Townsend
1235 La Plata Highway
Farmington, NM 87401

State of New Mexico (2 copies)
Commissioner of Public Lands
Attn: Mr. Pete Martinez
P.O. Box 1148
Santa Fe, NM 87504-1148

State of New Mexico (2 copies)
Oil Conservation Division
Attn: Roy Johnson
1220 S. St. Francis
Santa Fe, NM 87505

Re: Rosa Unit I - Sec. 587
San Juan and Rio Arriba Counties, New Mexico
Mesaverde Participating Areas

Sixteen Expansion – Effective 8/01/94
Seventeenth Expansion – Effective 9/01/94
Eighteenth Expansion – Effective 11/01/94
Nineteenth Expansion – Effective 12/01/94
Twentieth Expansion – Effective 8/01/95
Twenty-first Expansion – Effective 9/01/95
Twenty-second Expansion – Effective 11/01/98
Twenty-third Expansion – Effective 8/01/00
Twenty-fourth Expansion – Effective 9/01/00
Twenty-fifth Expansion – Effective 11/01/00
Twenty-sixth Expansion – Effective 9/01/01

Ladies & Gentlemen:

Pursuant to the provisions of Section 10 of the Rosa Unit Agreement I – Section Number 587, approved January 24, 1948, Williams Production Company, LLC, as Unit Operator, hereby respectfully requests approval of the referenced participating areas for the Mesaverde Formation. Pursuant to the BLM letter, attached is a list of all wells that have been deemed commercial.

Sixteenth Expansion – Effective 8/01/94

Total acres brought in to PA = 480.00

<u>Wells/No./Dedication</u>	<u>Tract #</u>	<u>Tract Description</u>	<u>Tract Acres</u>	<u>Lease No</u>
Rosa Unit #32	39	T31N R6W Sec. 21: W/2NW/4 lots 1,2,3,	105.32	SF078766
	41	T31NR6W Sec. 21: E/2NW/4,W/2NE/4	143.12	E289
	42	T31N R6W Sec. 21: E/2NE/4	71.56	E289
	33	T31N R6W Sec. 8: E/2SE/4	80.00	SF078765
	34	T31N R6W Sec. 8: W/2SE/4	80.00	Fee

Seventeenth Expansion – Effective 9/01/94

Total acres brought in to PA = 320.00

<u>Wells/No./Dedication</u>	<u>Tract #</u>	<u>Tract Description</u>	<u>Tract Acres</u>	<u>Lease No</u>
Rosa Unit #100E	39	T31N R6W Sec. 21: S/2	320.00	SF078766

Eighteenth Expansion – Effective 11/01/94

Total acres brought in to PA = 639.82

<u>Wells/No./Dedication</u>	<u>Tract #</u>	<u>Tract Description</u>	<u>Tract Acres</u>	<u>Lease No</u>
Rosa Unit #138	39	T31N R6W Sec. 17: E/2	320.00	SF078766
Rosa Unit #145A	39	T31N R6W Sec. 16: Lots 1,2,3, N/2NE/4 SW/NW4, N/2NW/4	314.50	SF078766
Rosa Unit #145A	40	T31N R6W Sec. 16: S/2S/2SE/4NW/4 & S/2S/2SW/4NE/4	16.88	E346
	40A	T31N R6W Sec. 16: S/2S/2 SE/4NE/4	8.44	E346

Nineteenth Expansion – Effective 12/01/94

Total acres brought in to PA = 320.00

<u>Wells/No./Dedication</u>	<u>Tract #</u>	<u>Tract Description</u>	<u>Tract Acres</u>	<u>Lease No</u>
Rosa Unit #139	39	T31N R6W Sec. 17: W/2	320.00	SF078766

Twentieth Expansion – Effective 8/01/95

Total acres brought in to PA = 640.00

<u>Wells/No./Dedication</u>	<u>Tract #</u>	<u>Tract Description</u>	<u>Tract Acres</u>	<u>Lease No</u>
Rosa Unit #147	28	T31N R5W Sec. 33: N/2	320.00	SF078773
Rosa Unit #146	17	T31N R5W Sec. 28: W/2	320.00	SF078769

Twenty-first Expansion – Effective 9/01/95

Total acres brought in to PA = 320.00

<u>Wells/No./Dedication</u>	<u>Tract #</u>	<u>Tract Description</u>	<u>Tract Acres</u>	<u>Lease No</u>
Rosa Unit #153	17	T31N R5W Sec. 17: E/2	320.00	SF078769

Twenty-second Expansion – Effective 11/01/98

Total acres brought in to PA = 320.00

<u>Wells/No./Dedication</u>	<u>Tract #</u>	<u>Tract Description</u>	<u>Tract Acres</u>	<u>Lease No</u>
Rosa Unit #168	17	T31N R5W Sec. 28: E/2	320.00	SF078769

Twenty-third Expansion – Effective 8/01/00

Total acres brought in to PA = 320.00

<u>Wells/No./Dedication</u>	<u>Tract #</u>	<u>Tract Description</u>	<u>Tract Acres</u>	<u>Lease No</u>
Rosa Unit #31	17	T31N R5W Sec. 17: W/2	320.00	SF078769

Twenty-fourth Expansion – Effective 9/01/00

Total acres brought in to PA = 320.00

<u>Wells/No./Dedication</u>	<u>Tract #</u>	<u>Tract Description</u>	<u>Tract Acres</u>	<u>Lease No</u>
Rosa Unit #185A	38	T31N R6W Sec. 16: Tract 39	80.00	Fee
	39	T31N R6W Sec. 16: W/2SW/4	80.00	SF078766
	40	T31N R6W Sec. 16: NE/4SW/4, NW/4SE/4	63.12	E-346
	40A	T31N R6W Sec. 16: SE/4SW/4, NE/4SE/4	71.56	E-346
	41	T31N R6W Sec. 16: S/2S/2SE/4/SW/4, S/2S/2SW/4SE/4	16.88	E-289
	42	T31N R6W Sec. 16: S/2S/2SE/4SE/4	8.44	E-289

Twenty-fifth Expansion – Effective 11/01/00

Total acres brought in to PA = 640.00

<u>Wells/No./Dedication</u>	<u>Tract #</u>	<u>Tract Description</u>	<u>Tract Acres</u>	<u>Lease No</u>
Rosa Unit #188	28	T31N R5W Sec. 34: W/2	320.00	SF078773
Rosa Unit #6Y	16	T31N R5W Sec. 27: S/2	320.00	SF078770

Twenty-sixth Expansion – Effective 9/01/01

Total acres brought in to PA = 600.00

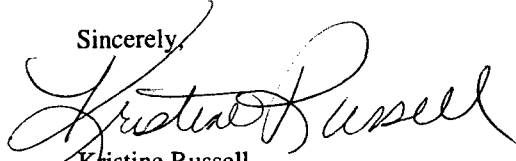
<u>Wells/No./Dedication</u>	<u>Tract #</u>	<u>Tract Description</u>	<u>Tract Acres</u>	<u>Lease No</u>
Rosa Unit #187	17	T31N R5W Sec. 21: W/2	320.00	SF078769
Rosa Unit #184	28	T31N R5W Sec. 34: SE/4, N/2NE/4, SE/4NE/4	280.00	SF078773

Attached hereto are the schedules for the Sixteenth through the Twenty-sixth expansions for the Mesaverde Participating Area. The schedules describe the Participating Area, show the percentages of ownership in the tracts, and show the percentages of unitized substances allocated to each unitized tract. Also included is a map reflecting the current participating area and the Sixteenth – Twenty-sixth expansions.

If these proposed Participating Areas as set forth herein meets with your approval, please indicate such approval in the space provided on the attached sheet and return an approved copy for our files.

Copies of this application are being sent to the Working Interest Owners shown on the attached sheet. If you have any questions or need any additional information, please contact the undersigned at (918) 573-6181.

Sincerely,



Kristine Russell
Senior Production Analyst

Cc: Working Interest Owners
Donnie Suter-Levin
Vern Hansen
Mike Turnbaugh
Chuck Keller
Mitch Reeves
Bob McElhattan
Sheryl Marcum
Ken McQueen
MV File

Bureau of Land Management
Commissioner of Public Lands
Oil Conservation Commission

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 & Gas Supervisor
And the Oil Conservation Commission

APPROVED _____ DATE _____
Oil Conservation Commission
Subject to like approval by the Area Oil & Gas Supervisor
And the Commissioners of Public Lands

The foregoing are approvals for the SIXTEENTH through the TWENTY-SIXTH Participating Area in the Mesaverde formation of the Rosa Unit I - Sec. 587.

SCHEDULE XVII
SIXTEENTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION ROSA UNIT AREA EFFECTIVE 8/01/94

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-07/8763	T31N R5W			Tract 13			
	Sec 5: ALL		527.96	WORKING INTEREST			
	Sec 6: NE/4			Williams Production Co. LLC	73.000000%	63.875000%	2.803983%
	#41, #41A, #41B, #46A			Sacramento Municipal Utility District	27.000000%	23.625000%	
				ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	
	T31N R5W						
	Sec 8: S/2		320.00	WORKING INTEREST			1.899512%
	#46A, #80, #80A			Williams Production Co. LLC	23.000000%	20.125000%	
	#80A BP NON-CONSENT			BP America Production Co.	50.000000%	43.750000%	
				Sacramento Municipal Utility District	27.000000%	23.625000%	
				ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	
SF-07/8767	T31N R5W			Tract 14			
	Sec 6: ALL		2518.04	WORKING INTEREST			13.373251%
	Sec 7: ALL			Williams Production Co. LLC	73.000000%	63.875000%	
	Sec 8: NW/4			Sacramento Municipal Utility District	27.000000%	23.625000%	
				ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	
	T31N R6W						
	Sec 12: ALL						
	Sec 13: ALL						
	Sec 24: ALL						
	#72, #72A, #171, #171A, #171B, #171C, #154, #154A						
	#80, #80A, #149, #149A, #30, #30A, #30B, #149B						
	#125, #125E, #10, #10B, #66M, #19, #19B, #163						
	#163A, #101M						
	#30A, #72A, #149A, #154, #154A, #163, #163A, #171, #171A BP NON-CONSENT						
	#80A BP NON-CONSENT						
SF-07/8764	T31N R5W			Tract 18			
	Sec 18: ALL		2187.30	WORKING INTEREST			11.616696%
	Sec 19: Lots 1, 4, E/2E/2, NW/4NE/4, SW/4SE/4,			Williams Production Co. LLC	73.000000%	63.875000%	
	Sec 20: SE/4			Sacramento Municipal Utility District	27.000000%	23.625000%	
	Sec 28: N/2NE/4, SW/4, W/2SE/4			ROYALTY		12.500000%	
	Sec 30: ALL			ORRI		0.000000%	
	Sec 31: ALL				100.000000%	100.000000%	
	#22, #22A, #182, #182A, #183, #183A, #17, #17A, #17B,						
	#23, #23B, #84M, #182, #182A, #186, #186A, #15, #15A						
	#13, #13A, #137, #137A, #137B, #159, #159A						
	#13A, #17A, #137A, #159A, #162, #162A, #166, #166A BP NON-CONSENT						
	#22A, #182, #182A, #183, #183A BP NON-CONSENT						

SCHEDULE XVII
SIXTEENTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION ROSA UNIT AREA EFFECTIVE 8/01/94

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW/ PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-078764	T31N R5W Sec 20: N/2 #85, #85A #85A BP NON-CONSENT		320.00	WORKING INTEREST Williams Production Co. LLC BP America Production Co. Sacramento Municipal Utility District ROYALTY ORRI	23.0000000% 50.0000000% 27.0000000% 100.0000000%	20.1250000% 43.7500000% 23.6250000% 12.5000000% 0.0000000% 100.0000000%	1.699512%
Fee	T31N R5W Sec 19: Lots 2,3, SW/4NE/4, NW/4SE/4 #183, #183A, #159, #159A #159A, #183, #183A BP NON-CONSENT		152.22	TRACT 19 WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.0000000% 27.0000000% 100.0000000%	63.8750000% 23.6250000% 12.5000000% 0.0000000% 100.0000000%	0.808437%
Fee	T31N R5W Sec 20: SW/4 Sec 29: NW/4 #17, #17A, #17B, #64M, #23, #23B #17A BP NON-CONSENT		320.00	TRACT 20 WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.0000000% 27.0000000% 100.0000000%	63.8750000% 23.6250000% 12.5000000% 0.0000000% 100.0000000%	1.699512%
SF-079165	T31N R5W Sec 29: S/2NE/4, E/2SE/4 #15, #15A		160.00	TRACT 21 WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.0000000% 27.0000000% 100.0000000%	63.8750000% 23.6250000% 12.5000000% 0.0000000% 100.0000000%	0.849756%
E-347-56	T31N R5W Sec 32: NW/4 #24, #24A, #24B, #24C		160.00	TRACT 25 WORKING INTEREST Williams Production Co. LLC BP America Production Co ROYALTY ORRI	86.944599% 13.055401% 100.0000000%	76.076524% 11.423476% 12.5000000% 0.0000000% 100.0000000%	0.849756%
E-347-48	T31N R5W Sec 32: NE/4 #26, #26A, #26B		160.00	TRACT 26 WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.0000000% 100.0000000%	87.5000000% 12.5000000% 0.0000000% 100.0000000%	0.849756%

SCHEDULE XVII
SIXTEENTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION ROSA UNIT AREA EFFECTIVE 8/01/94

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
E-347-55	T31N R5W Sec 32, S/2 #24, #24A, #24B, #24C, #26, #26A, #26B		320.00	TRACT 27 WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.000000%	65.625000% 12.500000% 21.875000% 100.000000%	1.699512%
SF-078773	T31N R5W Sec 33, S/2 #77, #77A, #77B		320.00	TRACT 28 WORKING INTEREST Williams Production Co. LLC BP America Production Co Sacramento Municipal Utility District ROYALTY ORRI	23.000000% 50.000000% 27.000000% 100.000000%	20.125000% 43.750000% 23.625000% 12.500000% 0.000000% 100.000000%	1.699512%
SF-078772	T31N R6W Sec 1: ALL Sec 3: Lots 5,6,7,8,9, SE/4, E/2SW/4, SW/4SW/4 Sec 4: Lots 5,6,7,8,9, N/2SW/4 NW/4SE/4, SE/4SE/4		1161.86	TRACT 29 WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.000000% 27.000000% 100.000000%	63.875000% 23.625000% 12.500000% 0.000000% 100.000000%	6.170611%
	T32N R6W Sec 33: W/2 #164, #164A, #164B, #169, #169A, #60, #60A #151, #151A #60, #60A, #151A, #164, #164A, #169, #169A BP NON-CONSENT						
SF-078772	T32N R6W Sec 33: NE/4, W/2SE/4 Sec 34: E/2, E/2W/2, SW/4SW/4 Sec 35: ALL #90A, #89, #89A, #89C, #129, #129A, #91, #91A, #91B, #91C, #44, #44A, #44B #44, #44A, #90A, #91A, #129, #129A BP NON-CONSENT		1400.00	WORKING INTEREST Williams Production Co. LLC BP America Production Co Sacramento Municipal Utility District ROYALTY ORRI	23.000000% 50.000000% 27.000000% 100.000000%	20.125000% 43.750000% 23.625000% 12.500000% 0.000000% 100.000000%	7.435367%
E-289-53	T31N R6W Sec 2: Lots 6,7,8, S/2 #148, #148A, #148B #148A BP NON-CONSENT		346.91	TRACT 30 WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.000000% 27.000000% 100.000000%	62.050000% 22.950000% 12.500000% 2.500000% 100.000000%	1.842431%

SCHEDULE XVII
SIXTEENTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION ROSA UNIT AREA EFFECTIVE 8/01/94

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
Uncommitted	T31N R6W Sec 2: Lots 5, #148, #148A, #148B This tract is not committed to the unit #148A BP NON-CONSENT	9.35		<u>Tract 31</u>			
Uncommitted	T31N R6W Sec 3 & 4 a portion thereof designated as Tract 37 This tract is not committed to the unit	38.12		<u>Tract 32</u>			
Uncommitted	T32N R6W Sec 33: E/2SE/4 Sec 34: NW/4SW/4 #90, #90A This tract is not committed to the unit #90A SAN JUAN BASIN PROPERTIES NON-CONSENT	120.00					
SF-078765	T31N R6W Sec 4: S/2SW/4, SW/4SE/4 Sec 5: ALL Sec 8: NW/4, E/2NE/4 Sec 9: ALL Sec 10: Lots 1,2,3, E/2E/2, NW/4 Sec 15: Lots 1,2, E/2SW/4, E/2 #12, #12A, #12B, #181, #181A #80, #80A, #75, #75A #35A, #35X #88, #88A, #167, #167A, #167B #156, #156A, #180, #180A #12A, #156, #156A, #167, #167A, BP NON-CONSENT #35A, #60, #60A, #75, #75A, #180, #180A, #181, #181A, BP NON-CONSENT		2220.23	<u>Tract 33</u> WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.0000000% 27.0000000% 100.0000000%	63.8750000% 23.6250000% 12.5000000% 0.0000000% 100.0000000%	11.791589%
SF-078765	T31N R6W Sec 8: SW/4, E/2SE/4 #88, #88A, #167, #167A, #167B, #167, #167A, BP NON-CONSENT		240.00	WORKING INTEREST Williams Production Co. LLC BP America Production Co Sacramento Municipal Utility District ROYALTY ORRI	23.0000000% 50.0000000% 27.0000000% 100.0000000%	20.1250000% 43.7500000% 23.6250000% 12.5000000% 100.0000000%	1.274634%
Fee	T31N R6W Sec 8: W/2SE/4 #167, #167A, #167B #167 & #167A BP NON-CONSENT		80.00	<u>Tract 34</u> WORKING INTEREST Williams Production Co. LLC BP America Production Co Sacramento Municipal Utility District ROYALTY ORRI	23.0000000% 50.0000000% 27.0000000% 100.0000000%	20.1250000% 43.7500000% 23.6250000% 12.5000000% 0.0000000%	0.424878%

SIXTEENTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION ROSA UNIT AREA EFFECTIVE 8/01/94

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
Fee	T31N R6W Sec 8 : W/2NE/4 #167, #167A, #167B #167 & #167A BP NON-CONSENT		80.00	WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.0000000% 27.0000000% 100.0000000%	63.875000% 23.625000% 12.500000% 0.000000% 100.000000%	0.424878%
Fee	T31N R6W Sec 10: W/2E/2 #181, #181A #181, #181A BP NON-CONSENT		160.00	Tract 35 WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.0000000% 27.0000000% 100.0000000%	63.875000% 23.625000% 12.500000% 0.000000% 100.000000%	0.849756%
Fee	T31N R6W Sec 10: Tract 38 Sec 15: Tract 38 #25A, #75, #75A #25A, #75, #75A BP NON-CONSENT		161.52	Tract 36 WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.0000000% 27.0000000% 100.0000000%	59.881800% 22.148100% 12.500000% 5.470000% 100.000000%	0.857829%
SF-078771	T31N R6W Sec 11: ALL Sec 14: ALL Sec 23: ALL Sec 26: ALL #1E, #9, #9A, #9B, #36, #36B, #16, #16A, #16B, #16C, #20, #20A, #20B, #20C #14, #14A, #21, #21A, #21B #5A, #5B, #5Y, #8, #8A, #8B, #8C #5Y, #14A, #16B, #18C, #20B, #20C, #21A, BP NON-CONSENT		2580.00	Tract 37 WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.0000000% 27.0000000% 100.0000000%	63.875000% 23.625000% 12.500000% 0.000000% 100.000000%	13.598099%
Fee	T31N R6W Sec 15 Tract 39 Also described as the E/2NE/4 of the resurveyed tracts lying in section 15 #25A #25A BP NON-CONSENT		80.00	Tract 38 WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.0000000% 27.0000000% 100.0000000%	63.875000% 23.625000% 12.500000% 0.000000% 100.000000%	0.424878%

SCHEDULE XVII
SIXTEENTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION ROSA UNIT AREA EFFECTIVE 8/01/94

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW/ PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-078766	131N R6W Sec 22: E/2 Sec 25: ALL #18, #18A #180, #160A, #165, #165A, #165B, #165C #160, #160A, #165, #165A BP NON-CONSENT		864.48	<u>Tract 39</u> WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.0000000% 27.0000000% 23.6250000% 12.5000000% 0.0000000% 100.0000000%	63.8750000% 23.6250000% 12.5000000% 0.0000000% 100.0000000%	4.591233%
SF-078766	131N R6W Sec 21: Lots 1,2,3, W/2NW/4, Sec 22: Lot 1, SW/4, E/2NW/4 #170, #32, #32A, #32B, #32C #79, #79A, #79B #32, #32A, #170 BP NON-CONSENT		353.73	WORKING INTEREST Williams Production Co. LLC BP America Production Co. Sacramento Municipal Utility District ROYALTY ORRI	23.0000000% 50.0000000% 27.0000000% 12.5000000% 0.0000000% 100.0000000%	20.1250000% 43.7500000% 23.6250000% 12.5000000% 0.0000000% 100.0000000%	1.878652%
E-289	131N R6W Sec 21: 71.56 out of the E/2NW/4, 71.56 out of the W/2NE/4 Also described as the SW/4 of the resurveyed tracts lying in Sec. 18 #32, #32A, #32B, #32C #32, #32A WISER NON-CONSENT		143.12	<u>Tract 41</u> WORKING INTEREST Wiser Oil Co. ROYALTY ORRI	100.0000000% 87.5000000% 12.5000000% 0.0000000% 100.0000000%	87.5000000% 12.5000000% 0.0000000% 100.0000000%	0.760107%
E-289-43	131N R6W Sec 21: 71.56 acres out of the E/2NE/4 Also described as the W/2SE/4 of the resurveyed tracts lying in Sec 15, 16, 21 & 22 #32, #32A, #32B, #32C #32, #32A WISER NON-CONSENT		71.56	<u>Tract 42</u> WORKING INTEREST Williams Production Co. LLC BP America Production Co. Sacramento Municipal Utility District ROYALTY ORRI	23.0000000% 50.0000000% 27.0000000% 12.5000000% 2.5000000% 100.0000000%	19.5500000% 42.5000000% 22.9500000% 12.5000000% 2.5000000% 100.0000000%	0.380053%
E-289-50	131N R6W Sec 15: 6.41 acres out of S/2S/2SW/4SW/4 Sec 22: 71.59 acres in the W/2NW/4 Also described as E/2SE/4 of the resurveyed tracts lying in Sec. 15, 16, 21 & 22 #25A, #79, #79A, #79B #25A BP NON-CONSENT		80.00	<u>Tract 43</u> WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.0000000% 82.5000000% 12.5000000% 5.0000000% 100.0000000%	82.5000000% 12.5000000% 5.0000000% 100.0000000%	0.424878%
E-504-15	132N R6W Sec 32: W/2 #150, #150A, #150B #150A BP NON-CONSENT		320.00	<u>Tract 44</u> WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.0000000% 84.5000000% 12.5000000% 3.0000000% 100.0000000%	84.5000000% 12.5000000% 3.0000000% 100.0000000%	1.699513%
E-504-17	132N R6W Sec 32: E/2 #29, #29B, #29M #29M BP NON-CONSENT		320.00	<u>Tract 45</u> WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.0000000% 65.6250000% 12.5000000% 21.8750000% 100.0000000%	65.6250000% 12.5000000% 21.8750000% 100.0000000%	1.699513%

SIXTEENTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION ROSA UNIT AREA EFFECTIVE 8/01/94
SCHEDULE XVII

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
Fee	T32N R6W Sec 34, W/2NW/4 #129, #129A #129, #129A BP NON-CONSENT		80.00	<u>Tract 46</u> WORKING INTEREST Williams Production Co. LLC BP America Production Co. Sacramento Municipal Utility District ROYALTY ORRI	23.0000000%	20.125000%	0.424878%
E-346-30	T32N R6W Sec 36, W/2 #152, #152A, #152B #152A BP NON-CONSENT		320.00	<u>Tract 47</u> WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.0000000%	63.875000%	1.699513%
E-346-33	T32N R6W Sec 36, E/2 #34, #34A, #34B, #34C #34A BP NON-CONSENT		320.00	<u>Tract 48</u> WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.0000000%	65.625000%	1.699513%
			167.47		100.0000000%	100.0000000%	100.0000000%

UNIT AREA EXPANSION SCHEDULE

SCHEDULE XVII
SIXTEENTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION
ROSA UNIT AREA

RECAPITULATION

Description of lands in Mesaverde Participating Areas

Township 31 North, Range 5 West, N.M.P.M.

Sections 5, 6, 7, 8, 18, 19, 20, 29, 30, 31, 32 ALL

Section 33: S/2

Township 31 North, Range 6 West, N.M.P.M.

Sections 1, *2, *3, *4, 5, 8, 9, 10, 11, 12, 13, 14, 15, 22, 23, 24, 25, 26: ALL

Section 21: N/2

Township 32 North, Range 6 West, N.M.P.M.

Sections 32, *33, *34, 35, 36: ALL

Total number of acres in Participating Area:	18,996.40
Total number of acres not committed to Participating Area:	167.47
Total number of acres committed to Participating Area:	18,828.93

*Portions of this acreage not committed to unit.

Effective August 1, 1994

SCHEDULE XVIII
SEVENTEENTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION ROSA UNIT AREA EFFECTIVE 9/01/94

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW/ PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-078763	T31N R5W						
	Sec 5: ALL		527.96	<u>Tract 13</u> WORKING INTEREST			2.757125%
	Sec 8: NE/4			Williams Production Co. LLC	73.0000000%	63.875000%	
	#41, #41A, #41B, #46A			Sacramento Municipal Utility District	27.0000000%	23.625000%	
				ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	
	T31N R5W						
	Sec 8: S/2		320.00	WORKING INTEREST			1.671112%
	#46A, #80, #80A			Williams Production Co. LLC	23.0000000%	20.125000%	
	#80A BP NON-CONSENT			BP America Production Co.	50.0000000%	43.750000%	
				Sacramento Municipal Utility District	27.0000000%	23.625000%	
				ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	
SF-078767	T31N R5W						
	Sec 6: ALL		2518.04	<u>Tract 14</u> WORKING INTEREST			13.149769%
	Sec 7: ALL			Williams Production Co. LLC	73.0000000%	63.875000%	
	Sec 8: NW/4			Sacramento Municipal Utility District	27.0000000%	23.625000%	
				ROYALTY		12.500000%	
				ORRI		0.000000%	
	T31N R6W						
	Sec 12: ALL				100.000000%	100.000000%	
	Sec 13: ALL						
	Sec 24: ALL						
	#72, #72A, #171, #171A, #171B, #171C, #154, #154A						
	#80, #80A, #149, #149A, #30, #30A, #30B, #149B						
	#125, #125E, #10, #10B, #66M, #19, #19B, #163						
	#163A, #101M						
	#30A, #72A, #149A, #154, #154A, #163, #163A, #171, #171A BP NON-CONSENT						
	#80A BP NON-CONSENT						
SF-078764	T31N R5W						
	Sec 18: ALL		2187.30	<u>Tract 18</u> WORKING INTEREST			11.422570%
	Sec 19: Lots 1,4, E/2E/2, NW/4NE/4, SW/4SE/4,			Williams Production Co. LLC	73.0000000%	63.875000%	
	Sec 20: SE/4			Sacramento Municipal Utility District	27.0000000%	23.625000%	
	Sec 29: N/2NE/4, SW/4, W/2SE/4			ROYALTY		12.500000%	
	Sec 30: ALL			ORRI		0.000000%	
	Sec 31: ALL				100.000000%	100.000000%	
	#22, #22A, #182, #182A, #183, #183A, #17, #17A, #17B,						
	#23, #23B, #64M, #162, #162A, #166, #166A, #15, #15A						
	#13, #13A, #137, #137A, #137B, #159, #159A						
	#13A, #17A, #137A, #159A, #162, #162A, #166, #166A BP NON-CONSENT						
	#22A, #182, #182A, #183, #183A BP NON-CONSENT						

SCHEDULE XVIII
SEVENTEENTH PARTICIPATING AREA FOR THE MESASVERDE FORMATION ROSA UNIT AREA EFFECTIVE 9/01/94

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW/ PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-078764	T31N R6W						
	Sec 20: N/2		320.00	WORKING INTEREST	23.000000%	20.125000%	1.671112%
	#95, #85A			Williams Production Co. LLC	50.000000%	43.750000%	
	#85A BP NON-CONSENT			BP America Production Co.	27.000000%	23.625000%	
				Sacramento Municipal Utility District		12.500000%	
				ROYALTY	0.000000%	0.000000%	
				ORRI	100.000000%	100.000000%	
Fee	T31N R6W		152.22	<u>TRACT 19</u>			0.794927%
	Sec 19: Lots 2,3, SW/4NE/4, NW/4SE/4			WORKING INTEREST	73.000000%	63.875000%	
	#183, #183A, #159, #159A			Williams Production Co. LLC	27.000000%	23.625000%	
	#159A, #183, #183A BP NON-CONSENT			Sacramento Municipal Utility District		12.500000%	
				ROYALTY	100.000000%	100.000000%	
				ORRI	100.000000%	100.000000%	
Fee	T31N R6W			<u>TRACT 20</u>			1.671112%
	Sec 20: SW/4		320.00	WORKING INTEREST	73.000000%	63.875000%	
	Sec 28: NW/4			Williams Production Co. LLC	27.000000%	23.625000%	
	#17, #17A, #17B, #64M, #23, #23B			Sacramento Municipal Utility District		12.500000%	
	#17A BP NON-CONSENT			ROYALTY	100.000000%	100.000000%	
				ORRI	100.000000%	100.000000%	
SF-079165	T31N R6W			<u>TRACT 21</u>			0.835556%
	Sec 29: S/2NE/4, E/2SE/4		160.00	WORKING INTEREST	73.000000%	63.875000%	
	#15, #15A			Williams Production Co. LLC	27.000000%	23.625000%	
				Sacramento Municipal Utility District		12.500000%	
				ROYALTY	100.000000%	100.000000%	
				ORRI	100.000000%	100.000000%	
E-347-56	T31N R6W			<u>TRACT 25</u>			0.835556%
	Sec 32: NW/4		160.00	WORKING INTEREST	86.944599%	76.076524%	
	#24, #24A, #24B, #24C			Williams Production Co. LLC	13.055401%	11.423476%	
				BP America Production Co		12.500000%	
				ROYALTY	100.000000%	100.000000%	
				ORRI	100.000000%	100.000000%	
E-347-48	T31N R6W			<u>TRACT 26</u>			0.835556%
	Sec 32: NE/4		160.00	WORKING INTEREST	100.000000%	87.500000%	
	#26, #26A, #26B			Williams Production Co. LLC		12.500000%	
				ROYALTY	100.000000%	100.000000%	
				ORRI	100.000000%	100.000000%	
E-347-55	T31N R6W			<u>TRACT 27</u>			1.671112%
	Sec 32: S/2		320.00	WORKING INTEREST	100.000000%	65.625000%	
	#24, #24A, #24B, #24C, #26, #26A, #26B			Williams Production Co. LLC		12.500000%	
				ROYALTY	100.000000%	21.875000%	
				ORRI	100.000000%	100.000000%	

SCHEDULE XVIII
SEVENTEENTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION ROSA UNIT AREA EFFECTIVE 9/01/94

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-078773	T31N R6W Sec 33: S/2 #77, #77A, #77B		320.00	<u>Tract 28</u> WORKING INTEREST Williams Production Co. LLC BP America Production Co Sacramento Municipal Utility District ROYALTY ORRI	23.0000000% 50.0000000% 27.0000000%	20.1250000% 43.7500000% 23.6250000% 12.5000000% 0.0000000%	1.671112%
SF-078772	T31N R6W Sec 1: ALL Sec 3: Lots 5,6,7,8,9, SE/4, E/2SW/4, SW/4SW/4 Sec 4: Lots 5,6,7,8,9, N/2SW/4 NW/4SE/4, SE/4SE/4		1161.86	<u>Tract 29</u> WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.0000000% 27.0000000%	63.8750000% 23.6250000% 12.5000000% 0.0000000%	6.067493%
	T32N R6W Sec 33: W/2 #164, #164A, #164B, #169, #169A, #60, #60A #151, #151A #60, #60A, #151A, #164, #164A, #169, #169A BP NON-CONSENT						
SF-078772	T32N R6W Sec 33: NE/4, W/2SE/4 Sec 34: E/2, E/2W/2, SW/4SW/4 Sec 35: ALL #90A, #89, #89A, #89C, #129, #129A, #91, #91A, #91B, #91C, #44, #44A, #44B #44, #44A, #90A, #91A, #129, #129A BP NON-CONSENT		1400.00	WORKING INTEREST Williams Production Co. LLC BP America Production Co Sacramento Municipal Utility District ROYALTY ORRI	23.0000000% 50.0000000% 27.0000000%	20.1250000% 43.7500000% 23.6250000% 12.5000000% 0.0000000%	7.311113%
E-289-53	T31N R6W Sec 2: Lots 6,7,8, S/2 #148, #148A, #148B #148A BP NON-CONSENT		346.91	<u>Tract 30</u> WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.0000000% 27.0000000%	62.0500000% 22.8500000%	1.811642%
Uncommitted	T31N R6W Sec 2: Lot 5, #148, #148A, #148B This tract is not committed to the unit #148A BP NON-CONSENT	9.35		<u>Tract 31</u>			
Uncommitted	T31N R6W Sec 3 & 4 a portion thereof designated as Tract 37 This tract is not committed to the unit	38.12		<u>Tract 32</u>			

SCHEDULE XVIII

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW/ PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
Uncommitted	T32N R6W Sec 33: E/2SE/4 Sec 34: NW/4SW/4 #90, #90A This tract is not committed to the unit #90A SAN JUAN BASIN PROPERTIES NON-CONSENT	120.00					
SF-078765	T31N R6W Sec 4: S/2SW/4, SW/4SE/4 Sec 5: ALL Sec 8: NW/4, E/2NE/4 Sec 9: ALL Sec 10: Lots 1,2,3, E/2E/2, NW/4 Sec 15: Lots 1,2, E/2SW/4, E/2 #12, #12A, #12B, #181, #181A #60, #60A, #75, #75A #35A, #35X #88, #88A, #167, #167A, #167B #156, #156A, #180, #180A #12A, #156, #156A, #167, #167A, BP NON-CONSENT #35A, #60, #60A, #75, #75A, #180, #180A, #181, #181A BP NON-CONSENT		2220.23	<u>Tract 33</u> WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.000000% 27.000000% 100.000000%	63.875000% 23.625000% 12.500000% 0.000000% 100.000000%	11.594536%
SF-078765	T31N R6W Sec 8: SW/4, E/2SE/4 #88, #88A, #167, #167A, #167B, #167, #167A, BP NON-CONSENT		240.00	WORKING INTEREST Williams Production Co. LLC BP America Production Co Sacramento Municipal Utility District ROYALTY ORRI	23.000000% 50.000000% 27.000000% 100.000000%	20.125000% 43.750000% 23.625000% 12.500000% 0.000000% 100.000000%	1.263334%
Fee	T31N R6W Sec 8 : W/2SE/4 #167, #167A, #167B #167 & #167A BP NON-CONSENT		80.00	<u>Tract 34</u> WORKING INTEREST Williams Production Co. LLC BP America Production Co Sacramento Municipal Utility District ROYALTY ORRI	23.000000% 50.000000% 27.000000% 100.000000%	20.125000% 43.750000% 23.625000% 12.500000% 0.000000% 100.000000%	0.417778%
Fee	T31N R6W Sec 8 : W/2NE/4 #167, #167A, #167B #167 & #167A BP NON-CONSENT		80.00	WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.000000% 27.000000% 100.000000%	63.875000% 23.625000% 12.500000% 0.000000% 100.000000%	0.417778%

SCHEDULE XVIII
SEVENTEENTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION ROSA UNIT AREA EFFECTIVE 9/01/94

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW/ PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
Fee	T31N R6W			Tract 35			
	Sec 10: W/2E/2	160.00		WORKING INTEREST	73.000000%	63.875000%	0.835556%
	#181, #181A			Williams Production Co. LLC	27.000000%	23.625000%	
	#181, #181A BP NON-CONSENT			Sacramento Municipal Utility District		12.500000%	
				ROYALTY	100.000000%	0.000000%	
				ORRI	100.000000%	100.000000%	
Fee	T31N R6W			Tract 36			0.843494%
	Sec 10: Tract 38	161.52		WORKING INTEREST	73.000000%	59.881900%	
	Sec 15: Tract 38			Williams Production Co. LLC	27.000000%	22.148100%	
	#25A, #75, #75A			Sacramento Municipal Utility District		12.500000%	
	#25A, #75, #75A BP NON-CONSENT			ROYALTY	100.000000%	5.470000%	
				ORRI	100.000000%	100.000000%	
SF-078771	T31N R6W			Tract 37			13.368883%
	Sec 11: ALL	2560.00		WORKING INTEREST	73.000000%	63.875000%	
	Sec 14: ALL			Williams Production Co. LLC	27.000000%	23.625000%	
	Sec 23: ALL			Sacramento Municipal Utility District		12.500000%	
	Sec 26: ALL			ROYALTY	100.000000%	0.000000%	
	#1E, #9, #9A, #9B, #36, #36B,			ORRI	100.000000%	100.000000%	
	#16, #16A, #16B, #16C, #20, #20A,						
	#20B, #20C						
	#14, #14A, #21, #21A, #21B						
	#5A, #5B, #5Y, #8, #8A, #8B, #8C						
	#5Y, #14A, #16B, #16C, #20B, #20C, #21A, BP NON-CONSENT						
Fee	T31N R6W			Tract 38			0.417778%
	Sec 15: Tract 39	80.00		WORKING INTEREST	73.000000%	63.875000%	
	Also described as the E/2NE/4 of the resurveyed Tracts lying in section 15			Williams Production Co. LLC	27.000000%	23.625000%	
	#25A			Sacramento Municipal Utility District		12.500000%	
	#25A BP NON-CONSENT			ROYALTY	100.000000%	0.000000%	
				ORRI	100.000000%	100.000000%	
SF-078766	T31N R6W			Tract 39			4.514508%
	Sec 22: E/2	864.48		WORKING INTEREST	73.000000%	63.875000%	
	Sec 25: ALL			Williams Production Co. LLC	27.000000%	23.625000%	
	#18, #18A			Sacramento Municipal Utility District		12.500000%	
	#160, #160A, #165, #165A, #165B, #165C			ROYALTY	100.000000%	0.000000%	
	#160, #160A, #165, #165A BP NON-CONSENT			ORRI	100.000000%	100.000000%	
SF-078766	T31N R6W						3.518369%
	Sec 21: Lots 1,2,3, W/2NW/4, S/2,	673.73		WORKING INTEREST	23.000000%	20.125000%	
	Sec 22: Lot 1, SW/4, E/2NW/4			Williams Production Co. LLC	50.000000%	43.750000%	
	#100E, #170, #32, #32A, #32B, #32C			BP America Production Co	27.000000%	23.625000%	
	#79, #79A, #79B			Sacramento Municipal Utility District		12.500000%	
	#32, #32A, #170 BP NON-CONSENT			ROYALTY	100.000000%	0.000000%	
				ORRI	100.000000%	100.000000%	

**SCHEDULE XVIII
MESAS VERDES FC**

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW/ PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
E-289	T31N R6W Sec 21, 71.56 out of the E/2NW/4, 71.56 out of the W/2NE/4 Also described as the SW/4 of the surveyed tracts lying in Sec. 15, 16, 21 & 22 #32, #32A, #32B, #32C, #32, #32A WISER NON-CONSENT		143.12	<u>Tract 41</u> WORKING INTEREST Wiser Oil Co. ROYALTY ORRI	100.000000%	87.500000% 12.500000% 0.000000%	0.747405%
E-289-43	T31N R6W Sec 21, 71.56 acres out of the E/2NE/4 Also described as the W/2SE/4 of the surveyed tracts lying in Sec. 15, 16, 21 & 22 #32, #32A, #32B, #32C #32, #32A WISER NON-CONSENT		71.56	<u>Tract 42</u> WORKING INTEREST Williams Production Co. LLC BP America Production Co. Sacramento Municipal Utility District ROYALTY ORRI	23.000000% 50.000000% 27.000000%	19.550000% 42.500000% 22.950000% 12.500000% 2.500000%	0.373702%
E-289-50	T31N R6W Sec 15, 8.41 acres out of S/2S/2SW/4SW/4 Sec 22, 71.59 acres in the W/2NW/4 Also described as the E/2SE/4 of the surveyed tracts lying in Sec. 15, 16, 21 & 22 #25A, #79, #79A, #79B #25A BP NON-CONSENT		80.00	<u>Tract 43</u> WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.000000%	82.500000% 12.500000% 5.000000%	0.417778%
E-504-15	T32N R6W Sec 32, W/2 #150, #150A, #150B #150A BP NON-CONSENT		320.00	<u>Tract 44</u> WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.000000%	84.500000% 12.500000% 3.000000%	1.671111%
E-504-17	T32N R6W Sec 32, E/2 #29, #29B, #29M #29M BP NON-CONSENT		320.00	<u>Tract 45</u> WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.000000%	65.625000% 12.500000% 21.875000%	1.671111%
Fee	T32N R6W Sec 34, W/2NW/4 #129, #129A #129, #129A BP NON-CONSENT		80.00	<u>Tract 46</u> WORKING INTEREST Williams Production Co. LLC BP America Production Co. Sacramento Municipal Utility District ROYALTY ORRI	23.000000% 50.000000% 27.000000%	20.125000% 43.750000% 23.625000% 12.500000% 0.000000%	0.417778%
E-346-30	T32N R6W Sec 36, W/2 #152, #152A, #152B #152A BP NON-CONSENT		320.00	<u>Tract 47</u> WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.000000% 27.000000%	63.875000% 23.625000% 12.500000% 0.000000%	1.671111%

SCHEDULE XVIII
SEVENTEENTH PARTICIPATING AREA FOR THE MESAVERT FORMATION ROSA UNIT AREA EFFECTIVE 9/01/94

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
E-346-33	132N R6W						
	Sec 36: E/2		320.00	Tract 48 WORKING INTEREST	100.0000000%	65.6250000%	1.671111%
	#34, #34A, #34B #34C			Williams Production Co. LLC		12.5000000%	
	#34A BP NON-CONSENT			ROYALTY		21.8750000%	
				OHRI	100.0000000%	100.0000000%	
		167.47	19148.93				100.0000000%

UNIT AREA EXPANSION SCHEDULE

SCHEDULE XXVIII
SEVENTEENTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION
ROSA UNIT AREA

RECAPITULATION

Description of lands in Mesaverde Participating Areas

Township 31 North, Range 5 West, N.M.P.M.

Sections 5, 6, 7, 8, 18, 19, 20, 29, 30, 31, 32 ALL

Section 33: S/2

Township 31 North, Range 6 West, N.M.P.M.

Sections 1, *2, *3, *4, 5, 8, 9, 10, 11, 12, 13, 14, 15, 21, 22, 23, 24, 25, 26: ALL

Township 32 North, Range 6 West, N.M.P.M.

Sections 32, *33, *34, 35, 36: ALL

Total number of acres in Participating Area:

19,316.40

Total number of acres no committed to Participating Area:

167.47

Total number of acres committed to Participating Area:

19,148.93

*Portions of this acreage not committed to unit.

Effective September 1, 1994

SCHEDULE XVIV
EIGHTEENTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION ROSA UNIT AREA EFFECTIVE 11/01/94

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW/1 PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-078763	T31N R5W						
	Sec 5: ALL		527.96	TRACT 13 WORKING INTEREST Williams Production Co. LLC	73.0000000%	63.875000%	2.667981%
	Sec 8: NE/4			Sacramento Municipal Utility District	27.0000000%	23.625000%	
	#41, #41A, #41B, #46A			ROYALTY		12.500000%	
				ORRI	0.0000000%	0.000000%	
					100.0000000%	100.0000000%	
	T31N R5W						
	Sec 8: S/2		320.00	WORKING INTEREST Williams Production Co. LLC	23.0000000%	20.125000%	1.617080%
	#46A, #80, #80A			BP America Production Co.	50.0000000%	43.750000%	
	#80A BP NON-CONSENT			Sacramento Municipal Utility District	27.0000000%	23.625000%	
				ROYALTY		12.500000%	
				ORRI	0.0000000%	0.000000%	
					100.0000000%	100.0000000%	
SF-078767	T31N R5W						
	Sec 6: ALL		2518.04	TRACT 14 WORKING INTEREST Williams Production Co. LLC	73.0000000%	63.875000%	12.724804%
	Sec 7: ALL			Sacramento Municipal Utility District	27.0000000%	23.625000%	
	Sec 8: NW/4			ROYALTY		12.500000%	
				ORRI	0.0000000%	0.000000%	
	T31N R5W				100.0000000%	100.0000000%	
	Sec 12: ALL						
	Sec 13: ALL						
	Sec 24: ALL						
	#72, #72A, #171, #171A, #171B, #171C, #154, #154A						
	#80, #80A, #149, #149A, #30, #30A, #30B, #149B						
	#125, #125E, #10, #10B, #68M, #19, #19B, #163						
	#163A, #101M						
	#30A, #72A, #149A, #154, #154A, #163, #163A, #171, #171A BP NON-CONSENT #80A BP NON-CONSENT						
SF-078764	T31N R5W						
	Sec 18: ALL		2187.30	TRACT 18 WORKING INTEREST Williams Production Co. LLC	73.0000000%	63.875000%	11.053250%
	Sec 19: Lots 1,4, E/2E/2, NW/4NE/4, SW/4SE/4			Sacramento Municipal Utility District	27.0000000%	23.625000%	
	Sec 20: SE/4			ROYALTY		12.500000%	
	Sec 29: N/2NE/4, SW/4, W/2SE/4			ORRI	0.0000000%	0.000000%	
	Sec 30: ALL				100.0000000%	100.0000000%	
	Sec 31: ALL						
	#22, #22A, #182, #182A, #183, #183A, #17, #17A, #17B, #23, #23B, #64M, #162, #162A, #166, #166A, #15, #15A						
	#13, #13A, #137, #137A, #137B, #159, #159A						
	#13A, #17A, #137A, #159A, #162, #162A, #166						
	#166A BP NON-CONSENT #22A, #182, #182A, #183, #183A BP NON-CONSENT						

SCHEDULE XVII
EIGHTEENTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION ROSA UNIT AREA EFFECTIVE 11/01/94

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-078764	T31N R5W Sec 20: N/2 #85, #85A #85A BP NON-CONSENT		320.00	WORKING INTEREST Williams Production Co. LLC BP America Production Co. Sacramento Municipal Utility District ROYALTY ORRI	23.0000000% 50.0000000% 27.0000000% 100.0000000%	20.125000% 43.750000% 23.625000% 12.500000% 0.000000%	1.617080%
Fee	T31N R5W Sec 18: Lots 2,3, SW/4NE/4, NW/4SE/4 #183, #183A, #159, #159A #159A, #183, #183A BP NON-CONSENT		152.22	<u>TRACT 18</u> WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.0000000% 27.0000000% 100.0000000%	63.875000% 23.625000% 12.500000% 0.000000% 100.000000%	0.769225%
Fee	T31N R5W Sec 20: SW/4 Sec 28: NW/4 #17, #17A, #17B, #64M, #23, #23B #17A BP NON-CONSENT		320.00	<u>TRACT 20</u> WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.0000000% 27.0000000% 100.0000000%	63.875000% 23.625000% 12.500000% 0.000000% 100.000000%	1.617080%
SF-079165	T31N R5W Sec 29: S/2NE/4, E/2SE/4 #15, #15A		160.00	<u>TRACT 21</u> WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.0000000% 27.0000000% 100.0000000%	63.875000% 23.625000% 12.500000% 0.000000% 100.000000%	0.808540%
E-347-56	T31N R5W Sec 32: NW/4 #24, #24A, #24B, #24C		160.00	<u>TRACT 25</u> WORKING INTEREST Williams Production Co. LLC BP America Production Co ROYALTY ORRI	86.944599% 13.055401% 100.0000000%	78.076524% 11.423476% 12.500000% 0.000000% 100.000000%	0.808540%
E-347-48	T31N R5W Sec 32: NE/4 #26, #26A, #26B		160.00	<u>TRACT 26</u> WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.0000000% 100.0000000%	87.500000% 12.500000% 0.000000% 100.000000%	0.808540%

SCHEDULE XVIV

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
E-347-55	T31N R6W Sec 32: S/2 #24, #24A, #24B, #24C, #26, #26A, #26B		320.00	TRACT 22 WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.000000%	65.625000% 12.500000% 21.875000%	1.617080%
SF-078773	T31N R5W Sec 33: S/2 #77, #77A, #77B		320.00	TRACT 28 WORKING INTEREST Williams Production Co. LLC BP America Production Co Sacramento Municipal Utility District ROYALTY ORRI	23.000000% 50.000000% 27.000000% 12.500000% 0.000000%	20.125000% 43.750000% 23.625000% 12.500000% 100.000000%	1.617080%
SF-078772	T31N R6W Sec 1: ALL Sec 3: Lots 5,6,7,8,9, SE/4, E/2SW/4, SW/4SW/4 Sec 4: Lots 5,6,7,8,9, N/2SW/4 NW/4SE/4, SE/4SE/4		1161.86	TRACT 29 WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.000000% 27.000000%	63.875000% 23.625000% 12.500000% 0.000000%	5.871316%
	T32N R6W Sec 33: W/2 #164, #164A, #164B, #169, #169A, #60, #60A #151, #151A #60, #60A, #151A, #164, #164A, #169, #169A BP NON-CONSENT				100.000000%	100.000000%	
SF-078772	T32N R6W Sec 33: NE/4, W/2SE/4 Sec 34: E/2, E/2W/2, SW/4SW/4 Sec 35: ALL #90A, #89, #99A, #99C, #129, #129A, #91, #91A, #91B, #91C, #44, #44A, #44B #44, #44A, #90A, #91A, #129, #129A BP NON-CONSENT		1400.00	WORKING INTEREST Williams Production Co. LLC BP America Production Co Sacramento Municipal Utility District ROYALTY ORRI	23.000000% 50.000000% 27.000000% 12.500000% 0.000000%	20.125000% 43.750000% 23.625000% 12.500000% 100.000000%	7.074727%
E-289-53	T31N R6W Sec 2: Lots 6,7,8, S/2 #148, #148A, #148B #148A BP NON-CONSENT		346.91	TRACT 30 WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.000000% 27.000000%	62.050000% 22.850000% 12.500000% 2.500000%	1.753067%
Uncommitted	T31N R6W Sec 2: Lot 5, #148, #148A, #148B This tract is not committed to the unit #148A BP NON-CONSENT	9.35		TRACT 31	100.000000%	100.000000%	

SCHEDULE XIV
EIGHTEENTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION ROSA UNIT AREA EFFECTIVE 11/01/94

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
Uncommitted	T31N R6W Sec 3 & 4 a portion thereof designated as Tract 37 This tract is not committed to the unit	38.12		<u>Tract 32</u>			
Uncommitted	T32N R6W Sec 33: E2SE/4 Sec 34: NW/4SW/4 #90, #90A This tract is not committed to the unit	120.00					
	#90A SAN JUAN BASIN PROPERTIES NON-CONSENT						
SF-078765	T31N R6W Sec 4: S/2SW/4, SW/4SE/4 Sec 5: ALL Sec 8: NW/4, E/2NE/4 Sec 9: ALL Sec 10: Lots 1,2,3, E/2E/2, NW/4 Sec 15: Lots 1,2, E/2SW/4, E/2 #12, #12A, #12B, #181, #181A #80, #60A, #75, #75A #35A, #35X #88, #88A, #167, #167A, #167B #156, #156A, #180, #180A #12A, #156, #156A, #167, #167A, BP NON-CONSENT #35A, #60, #60A, #75, #75A, #180, #180A, #181, #181A BP NON-CONSENT		2220.23	<u>Tract 33</u> WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.000000% 27.000000% 100.000000%	63.875000% 23.825000% 12.500000% 0.000000% 100.000000%	11.219658%
SF-078765	T31N R6W Sec 8: SW/4, E/2SE/4 #88, #88A, #167, #167A, #167B, #167, #167A, BP NON-CONSENT		240.00	WORKING INTEREST Williams Production Co. LLC BP America Production Co Sacramento Municipal Utility District ROYALTY ORRI	23.000000% 50.000000% 27.000000% 100.000000%	20.125000% 43.750000% 23.825000% 12.500000% 100.000000%	1.212810%
Fee	T31N R6W Sec 8: W/2SE/4 #167, #167A, #167B #167 & #167A BP NON-CONSENT		80.00	<u>Tract 34</u> WORKING INTEREST Williams Production Co. LLC BP America Production Co Sacramento Municipal Utility District ROYALTY ORRI	23.000000% 50.000000% 27.000000% 100.000000%	20.125000% 43.750000% 23.825000% 12.500000% 100.000000%	0.404270%
Fee	T31N R6W Sec 8: W/2NE/4 #167, #167A, #167B #167 & #167A BP NON-CONSENT		80.00	WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.000000% 27.000000% 100.000000%	63.875000% 23.825000% 12.500000% 0.000000%	0.404270%

SCHEDULE XVIV

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW% PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
Fee	T31N R6W						
	Sec 10: W/2E/2		160.00	WORKING INTEREST Tract 35 Williams Production Co. LLC	73.0000000%	63.8750000%	
	#181, #181A			Sacramento Municipal Utility District	27.0000000%	23.6250000%	
	#181, #181A BP NON-CONSENT			ROYALTY		12.5000000%	
				ORRI	100.0000000%	0.0000000%	
						100.0000000%	
Fee	T31N R6W						
	Sec 10: Tract 38		161.52	WORKING INTEREST Tract 36 Williams Production Co. LLC	73.0000000%	59.8819000%	0.818221%
	Sec 15: Tract 38			Sacramento Municipal Utility District	27.0000000%	22.1481000%	
	#25A, #75, #75A			ROYALTY		12.5000000%	
	#25A, #75, #75A BP NON-CONSENT			ORRI	100.0000000%	5.4700000%	
						100.0000000%	
SF-078771	T31N R6W						
	Sec 11: ALL		2560.00	WORKING INTEREST Tract 37 Williams Production Co. LLC	73.0000000%	63.8750000%	12.936643%
	Sec 14: ALL			Sacramento Municipal Utility District	27.0000000%	23.6250000%	
	Sec 26: ALL			ROYALTY		12.5000000%	
	Sec 26: ALL			ORRI	100.0000000%	0.0000000%	
	#1E, #9, #9A, #9B, #36, #36B, #16, #16A, #16B, #16C, #20, #20A, #20B, #20C					100.0000000%	
	#14, #14A, #21, #21A, #21B						
	#5A, #5B, #5Y, #8, #8A, #8B, #9C						
	#5Y, #14A, #16B, #16C, #20B, #20C, #21A, BP NON-CONSENT						
Fee	T31N R6W						
	Sec 15: Tract 39		80.00	WORKING INTEREST Tract 38 Williams Production Co. LLC	73.0000000%	63.8750000%	0.404270%
	Also described as the E/2NE/4 of the resurveyed tracts lying in Sec. 15			Sacramento Municipal Utility District	27.0000000%	23.6250000%	
	#25A			ROYALTY		12.5000000%	
	#25A BP NON-CONSENT			ORRI	100.0000000%	0.0000000%	
						100.0000000%	
SF-078768	T31N R6W						
	Sec 22: E/2		864.48	WORKING INTEREST Tract 39 Williams Production Co. LLC	73.0000000%	63.8750000%	4.366543%
	Sec 25: ALL			Sacramento Municipal Utility District	27.0000000%	23.6250000%	
	#18, #18A			ROYALTY		12.5000000%	
	#160, #160A, #165, #165A, #165B, #165C			ORRI	100.0000000%	0.0000000%	
	#160, #160A, #165, #165A BP NON-CONSENT					100.0000000%	

SCHEDULE XV
EIGHTEENTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION ROSA UNIT AREA EFFECTIVE 11/01/94

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-078766	T31N R6W						
	Sec 16: Lots 1,2,3, (94.50), N2NE4, SW/4NW/4, N2NW/4		1288.23	WORKING INTEREST	23.000000%	20.125000%	6.50911%
	Sec 17: E/2			Williams Production Co. LLC	50.000000%	43.750000%	
	Sec 21: Lots 1,2,3, W2NW/4, S/2,			BP America Production Co	27.000000%	23.625000%	
	Sec 22: Lot 1, SW/4, E2NW/4			Sacramento Municipal Utility District		12.500000%	
	#145, #145A			ROYALTY		0.000000%	
	#138, #138A			ORRI	100.000000%	100.000000%	
	#100E, #170, #32, #32A, #32B, #32C						
E-346-20	T31N R6W						0.085301%
	Sec 16: The approximate 16.88 acres S/2S/2SE/4NW/4 & S/2S/2SW/4NE/4		16.88	WORKING INTEREST	50.000000%	32.812500%	
	Also described as the N/2N/2W/2NW/4 of the resurveyed tracts lying in Sec. 15, 16, 21 & 22			Williams Production Co. LLC	10.000000%	6.562500%	
	#145A			J. Glenn Turner Jr LLC	10.000000%	6.562500%	
				John L. Turner	10.000000%	6.562500%	
				Fred E. Turner LLC	10.000000%	6.562500%	
				Mary Francis Turner Jr	10.000000%	6.562500%	
				Elizabeth Jeanne Turner	10.000000%	6.562500%	
				ROYALTY		12.500000%	
				ORRI	100.000000%	21.875000%	
						100.000000%	
E-346-22	T31N R6W						0.042650%
	Sec 16: The approximate 8.44 acres S/2S/2SE/4NE/4		8.44	WORKING INTEREST	50.000000%	32.812500%	
	Also described as the N/2N/2W/4NE/4 of the resurveyed tracts lying in Sec. 15, 16, 21 & 22			Williams Production Co. LLC	10.000000%	6.562500%	
	#185, #185A			J. Glenn Turner Jr LLC	10.000000%	6.562500%	
	#185, #185A BP NON-CONSENT			John L. Turner	10.000000%	6.562500%	
				Fred E. Turner LLC	10.000000%	6.562500%	
				Mary Francis Turner Jr	10.000000%	6.562500%	
				Elizabeth Jeanne Turner	10.000000%	6.562500%	
				ROYALTY		12.500000%	
				ORRI	100.000000%	21.875000%	
						100.000000%	
E-289	T31N R6W						0.723239%
	Sec 21: 71.56 acres out of the E/2NW/4, 71.56 acres out of W/2NE/4		143.12	WORKING INTEREST	100.000000%	87.500000%	
	Also described as the SW/4 of the resurveyed tracts lying in Sec. 15, 16, 21 & 22			Wiser Oil Co.		12.500000%	
	#32, #32A, #32B, #32C.			ROYALTY		0.000000%	
	#32, #32A WISER NON-CONSENT			ORRI	100.000000%	100.000000%	
E-289-43	T31N R6W						0.361620%
	Sec 21: 71.56 acres out of the E/2NE/4		71.56	WORKING INTEREST	23.000000%	19.550000%	
	Also described as the W/2SE/4 of the resurveyed tracts lying in Sec. 15, 16, 21 & 22			Williams Production Co. LLC	50.000000%	42.500000%	
	#32, #32A, #32B, #32C			BP America Production Co.	27.000000%	22.950000%	
	#32, #32A WISER NON-CONSENT			Sacramento Municipal Utility District		12.500000%	
				ROYALTY	100.000000%	2.500000%	
				ORRI	100.000000%	100.000000%	

SCHEDULE XIV
EIGHTEENTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION ROSA UNIT AREA EFFECTIVE 11/01/94

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW/ PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
E-289-50	T32N R6W Sec 15: 8.41 acres out of S/2S/2SW/4SW/4 Sec 22: 71.59 acres in the W/2NW/4 Also described as E/2SE/4 of the resurveyed tracts lying in Sec. 15, 16, 21 & 22 #25A, #79, #79A, #79B #25A BP NON-CONSENT		80.00	<u>Tract 43</u> WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.0000000%	82.5000000% 12.5000000% 5.0000000% 100.0000000%	0.404270%
E-504-15	T32N R6W Sec 32: W/2 #150, #150A, #150B #150A BP NON-CONSENT		320.00	<u>Tract 44</u> WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.0000000%	84.5000000% 12.5000000% 3.0000000% 100.0000000%	1.617081%
E-504-17	T32N R6W Sec 32: E/2 #29, #29B, #29M #29M BP NON-CONSENT		320.00	<u>Tract 45</u> WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.0000000%	65.6250000% 12.5000000% 21.8750000% 100.0000000%	1.617081%
Fee	T32N R6W Sec 34: W/2NW/4 #129, #129A #129, #129A BP NON-CONSENT		80.00	<u>Tract 46</u> WORKING INTEREST Williams Production Co. LLC BP America Production Co. Sacramento Municipal Utility District ROYALTY ORRI	23.0000000% 50.0000000% 27.0000000% 100.0000000%	20.1250000% 43.7500000% 23.6250000% 12.5000000% 0.0000000% 100.0000000%	0.404270%
E-346-30	T32N R6W Sec 36: W/2 #152, #152A, #152B #152A BP NON-CONSENT		320.00	<u>Tract 47</u> WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.0000000% 27.0000000% 100.0000000%	63.8750000% 23.6250000% 12.5000000% 0.0000000% 100.0000000%	1.617081%
E-346-33	T32N R6W Sec 36: E/2 #34, #34A, #34B, #34C #34A BP NON-CONSENT		320.00	<u>Tract 48</u> WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.0000000%	65.6250000% 12.5000000% 21.8750000% 100.0000000%	1.617081%
		167.47	19786.75				100.0000000%

UNIT AREA EXPANSION SCHEDULE

SCHEDULE XVIV
EIGHTEENTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION
ROSA UNIT AREA

RECAPITULATION

Description of lands in Mesaverde Participating Areas

Township 31 North, Range 5 West, N.M.P.M.

Sections 5, 6, 7, 8, 18, 19, 20, 29, 30, 31, 32 ALL

Section 33: S/2

Township 31 North, Range 6 West, N.M.P.M.

Sections 1, *2, *3, *4, 5, 8, 9, 10, 11, 12, 13, 14, 15, 21, 22, 23, 24, 25, 26: ALL

Section 16: N/2

Section 17: E/2

Township 32 North, Range 6 West, N.M.P.M.

Sections 32, *33, *34, 35, 36: ALL

Total number of acres in Participating Area:

19,956.22

Total number of acres no committed to Participating Area:

167.47

Total number of acres committed to Participating Area:

19,788.75

*Portions of this acreage not committed to unit.

Effective November 1, 1994

SCHEDULE XX
NINETEENTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION ROSA UNIT AREA EFFECTIVE 12/01/94

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW/ PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-078763	T31N R5W			<u>Tract 13</u>			2.625524%
	Sec 5: ALL	527.96		WORKING INTEREST			
	Sec 6: NE/4			Williams Production Co. LLC	73.000000%	63.875000%	
	#41, #41A, #41B, #46A			Sacramento Municipal Utility District	27.000000%	23.625000%	
				ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	
	T31N R5W						1.591347%
	Sec 8: S/2	320.00		WORKING INTEREST			
	#46A, #80, #80A			Williams Production Co. LLC	23.000000%	20.125000%	
	#80A BP NON-CONSENT			BP America Production Co.	50.000000%	43.750000%	
				Sacramento Municipal Utility District	27.000000%	23.625000%	
				ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	
SF-078767	T31N R5W			<u>Tract 14</u>			12.522111%
	Sec 6: ALL	2518.04		WORKING INTEREST			
	Sec 7: ALL			Williams Production Co. LLC	73.000000%	63.875000%	
	Sec 8: NW/4			Sacramento Municipal Utility District	27.000000%	23.625000%	
				ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	
	T31N R6W						
	Sec 12: ALL						
	Sec 13: ALL						
	Sec 24: ALL						
	#72, #72A, #171, #171A, #171B, #171C, #154, #154A						
	#80, #80A, #149, #149A, #30, #30A, #30B, #149B						
	#125, #125E, #10, #10B, #66M, #19, #19B, #163						
	#163A, #101M						
	#30A, #72A, #149A, #154, #154A, #163, #163A, #171, #171A BP NON-CONSENT						
	#80A BP NON-CONSENT						
SF-078764	T31N R5W			<u>Tract 19</u>			10.877354%
	Sec 18: ALL	2187.30		WORKING INTEREST			
	Sec 19: Lots 1,4, E/2E/2, NW/4NE/4, SW/4SE/4,			Williams Production Co. LLC	73.000000%	63.875000%	
	Sec 20: SE/4			Sacramento Municipal Utility District	27.000000%	23.625000%	
	Sec 29: N/2NE/4, SW/4, W/2SE/4			ROYALTY		12.500000%	
	Sec 30: ALL			ORRI		0.000000%	
	Sec 31: ALL				100.000000%	100.000000%	
	#22, #22A, #182, #182A, #183, #183A, #17, #17A, #17B, #23, #23B, #64M, #162, #162A, #166, #166A, #15, #15A						
	#13, #13A, #137, #137A, #137B, #159, #159A						
	#13A, #17A, #137A, #159A, #162, #162A, #166, #166A BP NON-CONSENT						
	#22A, #182, #182A, #183, #183A BP NON-CONSENT						

SCHEDULE XX
NINETEENTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION ROSA UNIT AREA EFFECTIVE 12/01/94

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-078764	T31N R5W Sec 20: N/2 #85, #85A #85A BP NON-CONSENT		320.00	WORKING INTEREST Williams Production Co. LLC BP America Production Co. Sacramento Municipal Utility District ROYALTY ORRI	23.000000% 20.125000% 50.000000% 27.000000% 23.625000% 12.500000% 0.000000%	1.591347%	
Fee	T31N R5W Sec 19: Lots 2,3, SW/4NE/4, NW/4SE/4 #183, #183A, #159, #159A #159A, #183, #183A BP NON-CONSENT		152.22	TRACT 19 WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI		0.756984%	
Fee	T31N R5W Sec 20: SW/4 Sec 29: NW/4 #17, #17A, #17B, #64M, #23, #23B #17A BP NON-CONSENT		320.00	TRACT 20 WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.000000% 63.875000% 27.000000% 23.625000% 12.500000% 0.000000%	1.591347%	
SF-079165	T31N R5W Sec 29: S/2NE/4, E/2SE/4 #15, #15A		160.00	TRACT 21 WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI		0.795674%	
E-347-56	T31N R5W Sec 32: NW/4 #24, #24A, #24B, #24C		160.00	TRACT 25 WORKING INTEREST Williams Production Co. LLC BP America Production Co ROYALTY ORRI	86.944599% 76.076524% 13.055401% 11.423478% 12.500000% 0.000000%	0.795674%	
E-347-48	T31N R5W Sec 32: NE/4 #26, #26A, #26B		160.00	TRACT 26 WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.000000% 87.500000% 12.500000% 0.000000%	0.795674%	
					100.000000% 100.000000%		

SCHEDULE XX

[illegible]

SCHEDULE XX
NINETEENTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION ROSA UNIT AREA EFFECTIVE 12/01/94

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GWL PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
Uncommitted	T31N R6W Sec 2: Lot 5, #148, #148A, #148B This tract is not committed to the unit #148A BP NON-CONSENT	9.35		Tract 31			
Uncommitted	T31N R6W Sec 3 & 4 a portion thereof designated as Tract 37 This tract is not committed to the unit	38.12		Tract 32			
Uncommitted	T32N R6W Sec 33: E/2SE/4 Sec 34: NW/4SW/4 #90, #90A This tract is not committed to the unit #90A SAN JUAN BASIN PROPERTIES NON-CONSENT	120.00					
SF-078765	T31N R6W Sec 4: S/2SW/4, SW/4SE/4 Sec 5: ALL Sec 8: NW/4, E/2NE/4 Sec 9: ALL Sec 10: Lots 1,2,3, E/2E/2, NW/4 Sec 15: Lots 1,2, E/2SW/4, E/2 #12, #12A, #12B, #181, #181A #80, #60A, #75, #75A #35A, #35X #88, #88A, #167, #167A, #167B #156, #156A, #180, #180A #12A, #156, #156A, #167, #167A, BP NON-CONSENT #35A, #60, #60A, #75, #75A, #180, #180A, #181, #181A BP NON-CONSENT	2220.23		Tract 33 WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.0000000% 27.0000000% 100.0000000%	63.8750000% 23.8250000% 12.5000000% 0.0000000% 100.0000000%	11.041114%
SF-078765	T31N R6W Sec 8: SW/4, E/2SE/4 #88, #88A, #167, #167A, #167B #167, #167A, BP NON-CONSENT	240.00		Tract 34 WORKING INTEREST Williams Production Co. LLC BP America Production Co Sacramento Municipal Utility District ROYALTY ORRI	23.0000000% 50.0000000% 27.0000000% 100.0000000%	20.1250000% 43.7500000% 23.8250000% 12.5000000% 0.0000000% 100.0000000%	1.193510%
Fee	T31N R6W Sec 8: W/2SE/4 #167, #167A, #167B #167 & #167A BP NON-CONSENT	80.00		Tract 34 WORKING INTEREST Williams Production Co. LLC BP America Production Co Sacramento Municipal Utility District ROYALTY ORRI	23.0000000% 50.0000000% 27.0000000% 100.0000000%	20.1250000% 43.7500000% 23.8250000% 12.5000000% 0.0000000% 100.0000000%	0.397837%

SCHEDULE XX
NINETEENTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION ROSA UNIT AREA EFFECTIVE 12/01/94

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
Fee	T31N R6W Sec 8 : W/2NE/4 #167, #167A, #167B #167 & #167A BP NON-CONSENT		80.00	WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.000000% 63.875000% 27.000000% 12.500000% 0.000000% 100.000000%	63.875000% 23.625000% 12.500000% 0.000000% 100.000000%	0.397837%
Fee	T31N R6W Sec 10: W/2E/2 #181, #181A #181, #181A BP NON-CONSENT		160.00	TRACT 35 WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.000000% 63.875000% 27.000000% 12.500000% 0.000000% 100.000000%	63.875000% 23.625000% 12.500000% 0.000000% 100.000000%	0.795674%
Fee	T31N R6W Sec 10: Tract 38 #25A, #75, #75A #25A, #75, #75A BP NON-CONSENT		161.52	TRACT 36 WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.000000% 59.881900% 27.000000% 12.500000% 5.470000% 100.000000%	59.881900% 22.148100% 12.500000% 5.470000% 100.000000%	0.803232%
SF-078771	T31N R6W Sec 11: ALL Sec 14: ALL Sec 23: ALL Sec 26: ALL #1E, #9, #9A, #9B, #36, #36B, #16, #16A, #16B, #16C, #20, #20A, #20B, #20C #14, #14A, #21, #21A, #21B #5A, #5B, #5Y, #8, #8A, #8B, #8C #5Y, #14A, #16B, #16C, #20B, #20C, #21A, BP NON-CONSENT		2560.00	TRACT 37 WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.000000% 63.875000% 27.000000% 12.500000% 0.000000% 100.000000%	63.875000% 23.625000% 12.500000% 0.000000% 100.000000%	12.73076%
Fee	T31N R6W Sec 15 Tract 39 Also described as the E/2NE/4 of the resurveyed tracts lying in Sec. 15 #25A #25A BP NON-CONSENT		80.00	TRACT 38 WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.000000% 63.875000% 27.000000% 12.500000% 0.000000% 100.000000%	63.875000% 23.625000% 12.500000% 0.000000% 100.000000%	0.397837%
		</					

SCHEDULE XX
NINETEENTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION ROSA UNIT AREA EFFECTIVE 12/01/94

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW1 PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-078766	T31N R6W Sec 22: E/2 Sec 25: ALL #18, #18A #160, #160A, #165, #165A, #165B, #165C #160, #160A, #165, #165A BP NON-CONSENT		864.48	<u>Tract 39</u> WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.000000% 27.000000% 23.625000% 12.500000% 0.000000%	63.875000% 23.625000% 12.500000% 0.000000%	4.299024%
SF-078766	T31N R6W Sec 16: Lots 1,2,3, (94.50), N2NE/4, SW/4NW/4, N2NW/4 Sec 17: ALL Sec 21: Lots 1,2,3, W/2NW/4, S/2, Sec 22: Lot 1, SW/4, E/2NW/4 #145, #145A #138, #138A, #139, #139A, #100E, #170, #32, #32A, #32B, #32C #79, #79A, #79B #32, #32A, #139A, #170 BP NON-CONSENT		1608.23	WORKING INTEREST Williams Production Co. LLC BP America Production Co Sacramento Municipal Utility District ROYALTY ORRI	23.000000% 50.000000% 27.000000% 0.000000%	20.125000% 43.750000% 23.625000% 0.000000%	7.997663%
E-346-20	T31N R6W Sec 16: The approximate 16.88 acres S/2S/2SE/4NW/4 & S/2S/2SW/4NE/4 Also described as the N/2N/2NW/4NE/4 of the resurveyed tracts lying in Sec. 15, 16, 21 & 22 #145A		16.88	<u>Tract 40</u> WORKING INTEREST Williams Production Co. LLC J. Glenn Turner Jr LLC John L. Turner Fred E. Turner LLC Mary Francis Turner Jr Elizabeth Jeanne Turner ROYALTY ORRI	50.000000% 10.000000% 10.000000% 10.000000% 10.000000% 10.000000% 12.500000%	32.812500% 6.562500% 6.562500% 6.562500% 6.562500% 6.562500% 21.875000%	0.083944%
E-346-22	T31N R6W Sec 16: The approximate 8.44 acres S/2S/2SE/4NE/4 Also described as the N/2N/2NW/4NE/4 of the resurveyed tracts lying in Sec. 15, 16, 21 & 22 #185, #185A #185, #185A BP NON-CONSENT		8.44	<u>Tract 40A</u> WORKING INTEREST Williams Production Co. LLC J. Glenn Turner Jr LLC John L. Turner Fred E. Turner LLC Mary Francis Turner Jr Elizabeth Jeanne Turner ROYALTY ORRI	50.000000% 10.000000% 10.000000% 10.000000% 10.000000% 10.000000% 12.500000%	32.812500% 6.562500% 6.562500% 6.562500% 6.562500% 6.562500% 21.875000%	0.041972%
E-289	T31N R6W Sec 21: 71.56 acres out of the E/2NW/4, 71.56 acres out of W/2NE/4 Also described as the SW/4 of the resurveyed tracts lying in Sec. 15, 16, 21 & 22 #32, #32A, #32B, #32C, #32, #32A W/SE/4 NON-CONSENT		143.12	<u>Tract 41</u> WORKING INTEREST Wiser Oil Co. ROYALTY ORRI	100.000000% 0.000000%	87.500000% 12.500000%	0.711730%

SCHEDULE XX
NINETEENTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION ROSA UNIT AREA EFFECTIVE 12/01/94

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW% PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
E-289-43	T31N R6W Sec 21: 71.56 acres out of the E/2NE/4 Also described as the W/2SE/4 of the resurveyed tracts lying in Sec. 15, 16, 21 & 22 #32, #32A, #32B, #32C #32, #32A WISER NON-CONSENT		71.56	<u>Tract 42</u> WORKING INTEREST Williams Production Co. LLC BP America Production Co. Sacramento Municipal Utility District ROYALTY ORRI	23.000000% 19.550000% 50.000000% 27.000000% 12.500000% 2.500000% 100.000000%	42.500000% 22.950000% 12.500000% 2.500000% 100.000000%	0.355865%
E-289-50	T31N R6W Sec 15: 8.41 acres out of S/2S/2SW/4SW/4 Sec 22: 71.59 acres in the W/2NW/4 Also described as E/2SE/4 of the resurveyed tracts lying in Sec. 15, 16, 21 & 22 #25A, #79, #79A, #79B #25A BP NON-CONSENT		80.00	<u>Tract 43</u> WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.000000% 82.500000% 12.500000% 5.000000% 100.000000%	82.500000% 12.500000% 5.000000% 100.000000%	0.397837%
E-504-15	T32N R6W Sec 32: W/2 #150, #150A, #150B #150A BP NON-CONSENT		320.00	<u>Tract 44</u> WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.000000% 84.500000% 12.500000% 3.000000% 100.000000%	84.500000% 12.500000% 3.000000% 100.000000%	1.591347%
E-504-17	T32N R6W Sec 32: E/2 #29, #29B, #29M #29M BP NON-CONSENT		320.00	<u>Tract 45</u> WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.000000% 66.625000% 12.500000% 21.875000% 100.000000%	66.625000% 12.500000% 21.875000% 100.000000%	1.591347%
Fee	T32N R6W Sec 34: W/2NW/4 #129, #129A #129, #129A BP NON-CONSENT		80.00	<u>Tract 46</u> WORKING INTEREST Williams Production Co. LLC BP America Production Co. Sacramento Municipal Utility District ROYALTY ORRI	23.000000% 20.125000% 50.000000% 27.000000% 12.500000% 0.000000% 100.000000%	20.125000% 43.750000% 23.625000% 12.500000% 0.000000% 100.000000%	0.397837%
E-346-30	T32N R6W Sec 36: W/2 #152, #152A, #152B #152A BP NON-CONSENT		320.00	<u>Tract 47</u> WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.000000% 27.000000% 12.500000% 0.000000% 100.000000%	63.875000% 23.625000% 12.500000% 0.000000% 100.000000%	1.591346%

SCHEDULE XX
NINETEENTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION ROSA UNIT AREA EFFECTIVE 12/01/94

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
E-346-33	132N R6W			Tract 48			1.591346%
	Sec 36, E/2		320.00	WORKING INTEREST			
	#34, #34A, #34B, #34C			Williams Production Co. LLC	100.0000000%	65.6250000%	
	#34A BP NON-CONSENT			ROYALTY		12.5000000%	
				ORRI		21.8750000%	
		167.47	20108.75		100.0000000%	100.0000000%	100.0000000%

UNIT AREA EXPANSION SCHEDULE

SCHEDULE XX
NINETEENTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION
ROSA UNIT AREA

RECAPITULATION

Description of lands in Mesaverde Participating Areas

Township 31 North, Range 5 West, N.M.P.M.

Sections 5, 6, 7, 8, 18, 19, 20, 29, 30, 31, 32 ALL

Section 33: S/2

Township 31 North, Range 6 West, N.M.P.M.

Sections 1, *2, *3, *4, 5, 8, 9, 10, 11, 12, 13, 14, 15, 17, 21, 22, 23, 24, 25, 26: ALL

Section 16: N/2

Township 32 North, Range 6 West, N.M.P.M.

Sections 32, *33, *34, 35, 36: ALL

Total number of acres in Participating Area:

20,276.22

Total number of acres no committed to Participating Area:

167.47

Total number of acres committed to Participating Area:

20,108.75

*Portions of this acreage not committed to unit.

Effective December 1, 1994

SCHEDULE XXI

[illegible]

SCHEDULE XXI

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW% PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-078764	T31N R5W						
	Sec 18: ALL		2187.30	TRACT 18 WORKING INTEREST			10.541840%
	Sec 19: Lots 1,4, E/2E/2, NW/4NE/4, SW/4SE/4,			Williams Production Co. LLC	73.0000000%	63.875000%	
	Sec 20: SE/4			Sacramento Municipal Utility District	27.0000000%	23.825000%	
	Sec 29: N/2NE/4, SW/4, W/2SE/4			ROYALTY		12.500000%	
	Sec 30: ALL			ORRI	100.0000000%	0.000000%	
	Sec 31: ALL					100.0000000%	
	#22, #22A, #182, #182A, #183, #183A, #17, #17A, #17B, #23, #23B, #64M, #162, #162A, #166, #166A, #15, #15A						
	#13, #13A, #137, #137A, #137B, #159, #159A						
	#13A, #17A, #137A, #159A, #162, #162A, #166, #166A BP NON-CONSENT						
	#22A, #182, #182A, #183, #183A BP NON-CONSENT						
SF-078764	T31N R5W						1.542262%
	Sec 20: N/2		320.00	WORKING INTEREST			
	#85, #85A			Williams Production Co. LLC	23.0000000%	20.125000%	
	#85A BP NON-CONSENT			BP America Production Co.	50.0000000%	43.750000%	
				Sacramento Municipal Utility District	27.0000000%	23.825000%	
				ROYALTY		12.500000%	
				ORRI	100.0000000%	0.000000%	
Fee	T31N R5W		152.22	TRACT 19 WORKING INTEREST			0.739635%
	Sec 19: Lots 2,3, SW/4NE/4, NW/4SE/4			Williams Production Co. LLC	73.0000000%	63.875000%	
	#183, #183A, #159, #159A			Sacramento Municipal Utility District	27.0000000%	23.825000%	
	#159A, #183, #183A BP NON-CONSENT			ROYALTY		12.500000%	
				ORRI	100.0000000%	0.000000%	
Fee	T31N R5W		320.00	TRACT 20 WORKING INTEREST			1.542262%
	Sec 20: SW/4			Williams Production Co. LLC	73.0000000%	63.875000%	
	Sec 29: NW/4			Sacramento Municipal Utility District	27.0000000%	23.825000%	
	#17, #17A, #17B, #64M, #23, #23B			ROYALTY		12.500000%	
	#17A BP NON-CONSENT			ORRI	100.0000000%	0.000000%	
SF-079165	T31N R5W		160.00	TRACT 21 WORKING INTEREST			0.771131%
	Sec 29: S/2NE/4, E/2SE/4			Williams Production Co. LLC	73.0000000%	63.875000%	
	#15, #15A			Sacramento Municipal Utility District	27.0000000%	23.825000%	
				ROYALTY		12.500000%	
				ORRI	100.0000000%	0.000000%	

SCHEDULE XXI
TWENTIETH PARTICIPATING AREA FOR THE MESAVERDE FORMATION ROSA UNIT AREA EFFECTIVE 8/01/95

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
E-347-56	T31N R5W Sec 32: NW/4 #24, #24A, #24B, #24C		160.00	Tract 25 WORKING INTEREST Williams Production Co. LLC BP America Production Co ROYALTY ORRI	86.944589% 13.055401%	76.076624% 11.423476% 12.500000% 0.000000%	0.771131%
E-347-48	T31N R5W Sec 32: NE/4 #26, #26A, #26B		160.00	Tract 26 WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.000000% 100.000000%	87.500000% 12.500000% 0.000000%	0.771131%
E-347-55	T31N R5W Sec 32: S/2 #24, #24A, #24B, #24C, #26, #26A, #26B		320.00	Tract 27 WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.000000% 100.000000%	65.825000% 12.500000% 21.875000% 100.000000%	1.542282%
SF-078773	T31N R5W Sec 33: ALL #77, #77A, #77B #147, #147A, #147A BP NON-CONSENT		640.00	Tract 28 WORKING INTEREST Williams Production Co. LLC BP America Production Co Sacramento Municipal Utility District ROYALTY ORRI	23.000000% 50.000000% 27.000000%	20.125000% 43.750000% 23.825000% 12.500000% 0.000000%	3.084523%
SF-078772	T31N R6W Sec 1: ALL Sec 3: Lots 5, 6, 7, 8, 9, SE/4, E/2SW/4, SW/4SW/4 Sec 4: Lots 5, 6, 7, 8, 9, N/2SW/4 NW/4SE/4, SE/4SE/4 T32N R6W Sec 33: W/2 #164, #164A, #164B, #169, #169A, #60, #60A #151, #151A #60, #60A, #151A, #164, #164A, #169, #169A BP NON-CONSENT		1161.86	Tract 29 WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.000000% 27.000000%	63.875000% 23.825000% 12.500000% 0.000000%	5.599663%

SCHEDULE XXI
TWENTIETH PARTICIPATING AREA FOR THE MESAVERDE FORMATION ROSA UNIT AREA EFFECTIVE 8/01/95

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW/ PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-078772	T32N R6W Sec 33: NE4, W2SE4 Sec 34: E2, E2W/2, SW4SW/4 Sec 35: ALL #90A, #89, #89A, #89C, #129, #129A, #91, #91A, #91B, #91C, #44, #44A, #44B #44, #44A, #90A, #91A, #129, #129A BP NON-CONSENT		1400.00	WORKING INTEREST Williams Production Co. LLC BP America Production Co Sacramento Municipal Utility District ROYALTY ORRI	23.0000000% 50.0000000% 27.0000000% 100.0000000%	20.1250000% 43.7500000% 23.6250000% 12.5000000% 0.0000000%	6.747394%
E-289-53	T31N R6W Sec 2: Lots 6, 7, 8, S/2 #148, #148A, #148B #148A BP NON-CONSENT		346.91	TRACT 30 WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.0000000% 27.0000000% 100.0000000%	62.0500000% 22.9500000% 12.5000000% 2.5000000% 100.0000000%	1.671956%
Uncommitted	T31N R6W Sec 2: Lot 5, #148, #148A, #148B This tract is not committed to the unit #148A BP NON-CONSENT	9.35		TRACT 31			
Uncommitted	T31N R6W Sec 3 & 4 a portion thereof designated as Tract 37 This tract is not committed to the unit	38.12		TRACT 32			
Uncommitted	T32N R6W Sec 33: E2SE4 Sec 34: NW4SW/4 #90, #90A This tract is not committed to the unit #90A SAN JUAN BASIN PROPERTIES NON-CONSENT	120.00					
SF-078765	T31N R6W Sec 4: S2SW/4, SW4SE4 Sec 5: ALL Sec 8: NW/4, E2NE/4 Sec 9: ALL Sec 10: Lots 1, 2, 3, E2E2, NW/4 Sec 15: Lots 1, 2, E2SW/4, E/2 #12, #12A, #12B, #181, #181A #80, #60A, #75, #75A #35A, #35X #88, #88A, #167, #167A, #167B #156, #156A, #180, #180A #12A, #156, #156A, #167, #167A, BP NON-CONSENT #35A, #60, #60A, #75, #75A, #180, #180A, #181, #181A BP NON-CONSENT		2220.23	TRACT 33 WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.0000000% 27.0000000% 100.0000000%	63.8750000% 23.6250000% 12.5000000% 0.0000000% 100.0000000%	10.700548%

SCHEDULE XXI

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW% PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-076765	T31N R6W Sec 8: SW/4, E/2SE/4 #88, #88A, #167, #167A, #167B, #167, #167A, BP NON-CONSENT		240.00	WORKING INTEREST Williams Production Co. LLC BP America Production Co Sacramento Municipal Utility District ROYALTY ORRI	23.0000000% 50.0000000% 27.0000000%	20.125000% 43.750000% 23.625000% 12.500000% 0.000000%	1.156696%
Fee	T31N R6W Sec 8 : W/2SE/4 #167, #167A, #167B #167 & #167A BP NON-CONSENT		80.00	TRACT 34 WORKING INTEREST Williams Production Co. LLC BP America Production Co Sacramento Municipal Utility District ROYALTY ORRI	23.0000000% 50.0000000% 27.0000000%	20.125000% 43.750000% 23.625000% 12.500000% 0.000000%	0.385565%
Fee	T31N R6W Sec 8 : W/2NE/4 #167, #167A, #167B #167 & #167A BP NON-CONSENT		80.00	WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.0000000% 27.0000000%	63.875000% 23.625000% 12.500000% 0.000000%	0.385565%
Fee	T31N R6W Sec 10: W/2E/2 #181, #181A #181, #181A BP NON-CONSENT		160.00	TRACT 35 WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.0000000% 27.0000000%	63.875000% 23.625000% 12.500000% 0.000000%	0.771131%
Fee	T31N R6W Sec 10: Tract 38 #25A, #75, #75A #25A, #75, #75A BP NON-CONSENT		161.52	TRACT 36 WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.0000000% 27.0000000%	59.881900% 22.148100% 12.500000% 5.470000%	0.778457%

SCHEDULE XXI
TWENTIETH PARTICIPATING AREA FOR THE MESAVERDE FORMATION ROSA UNIT AREA EFFECTIVE 8/01/95

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-07/8771	T31N R6W						
	Sec 11: ALL		2660.00	WORKING INTEREST <u>Tract 37</u>			12.338093%
	Sec 14: ALL			Williams Production Co. LLC	73.000000%	63.875000%	
	Sec 23: ALL			Sacramento Municipal Utility District	27.000000%	23.625000%	
	Sec 26: ALL			ROYALTY		12.500000%	
	#1E, #9, #9A, #9B, #36, #36B,			ORRI		0.000000%	
	#16, #16A, #16B, #16C, #20, #20A,				100.000000%	100.000000%	
	#20B, #20C						
	#14, #14A, #21, #21A, #21B						
	#5A, #5B, #5Y, #8, #8A, #8B, #8C						
	#5Y, #14A, #16B, #16C, #20B, #20C, #21A, BP NON-CONSENT						
Fee	T31N R6W						0.385565%
	Sec 15 Tract 39		80.00	WORKING INTEREST <u>Tract 38</u>			
	Also described as the E/2NE/4 of the resurveyed tracts lying in Sec. 15			Williams Production Co. LLC	73.000000%	63.875000%	
	#25A			Sacramento Municipal Utility District	27.000000%	23.625000%	
	#25A BP NON-CONSENT			ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	
SF-07/8766	T31N R6W						4.166420%
	Sec 22, E/2		864.48	WORKING INTEREST <u>Tract 39</u>			
	Sec 25: ALL			Williams Production Co. LLC	73.000000%	63.875000%	
	#18, #18A			Sacramento Municipal Utility District	27.000000%	23.625000%	
	#180, #180A, #185, #185A, #185B, #185C			ROYALTY		12.500000%	
	#180, #180A, #185, #185A BP NON-CONSENT			ORRI		0.000000%	
					100.000000%	100.000000%	
SF-07/8766	T31N R6W						7.750973%
	Sec 16: Lots 1,2,3, (94.50), N/2NE/4, SW/4NW/4, N/2NW/4		1608.23	WORKING INTEREST			
	Sec 17: ALL			Williams Production Co. LLC	23.000000%	20.125000%	
	Sec 21: Lots 1,2,3, W/2NW/4, S/2			BP America Production Co	50.000000%	43.750000%	
	Sec 22: Lot 1, SW/4, E/2NW/4			Sacramento Municipal Utility District	27.000000%	23.625000%	
	#145, #145A			ROYALTY		12.500000%	
	#138, #138A, #139, #139A,			ORRI		0.000000%	
	#100E, #170, #32, #32A, #32B, #32C				100.000000%	100.000000%	
	#79, #79A, #79B						
	#32, #32A, #139A, #170 BP NON-CONSENT						
E-346-20	T31N R6W						0.081354%
	Sec 16: The approximate 16.88 acres S/2S/2SE/4NW/4 & S/2S/2SW/4NE/4		16.88	WORKING INTEREST <u>Tract 40</u>			
	Also described as the N/2N/2W/2NW/4 of the resurveyed tracts lying in Sec. 15, 16, 21 & 22			Williams Production Co. LLC	50.000000%	32.812500%	
	#145A			J. Glenn Turner Jr LLC	10.000000%	6.562500%	
				John L. Turner	10.000000%	6.562500%	
				Fred E. Turner LLC	10.000000%	6.562500%	
				Mary Francis Turner Jr	10.000000%	6.562500%	
				Elizabeth Jeanne Turner	10.000000%	6.562500%	
				ROYALTY		12.500000%	
				ORRI		21.875000%	
					100.000000%	100.000000%	

SCHEDULE XXI
TWENTIETH PARTICIPATING AREA FOR THE MESAVERDE FORMATION ROSA UNIT AREA EFFECTIVE 8/01/95

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
E-346-22	T31N R6W Sec 16: The approximate 8.44 acres S/2S/2SE/4NE/4 Also described as the N/2N/2NW/4NE/4 of the resurveyed tracts lying in Sec. 15, 16, 21 & 22 #185, #185A #185, #185A BP NON-CONSENT		8.44	<u>Tract 40A</u> WORKING INTEREST Williams Production Co. LLC J. Glenn Turner Jr LLC John L. Turner Fred E. Turner LLC Mary Francis Turner Jr Elizabeth Jeanne Turner ROYALTY ORRI	50.000000% 10.000000% 10.000000% 10.000000% 10.000000% 10.000000% 10.000000%	32.812500% 6.562500% 6.562500% 6.562500% 6.562500% 6.562500% 12.500000%	0.040677%
E-289	T31N R6W Sec 21: 71.56 acres out of the E/2NW/4, 71.56 acres out of W/2NE/4 Also described as the SW/4 of the resurveyed tracts lying in Sec. 15, 16, 21 & 22 #32, #32A, #32B, #32C. #32, #32A WISER NON-CONSENT		143.12	<u>Tract 41</u> WORKING INTEREST Wiser Oil Co. ROYALTY ORRI	100.000000% 100.000000% 100.000000%	87.500000% 12.500000% 0.000000%	0.889776%
E-289-43	T31N R6W Sec 21: 71.56 acres out of the E/2NE/4 Also described as the W/2SE/4 of the resurveyed tracts lying in Sec. 15, 16, 21 & 22 #32, #32A, #32B, #32C #32, #32A WISER NON-CONSENT		71.56	<u>Tract 42</u> WORKING INTEREST Williams Production Co. LLC BP America Production Co. Sacramento Municipal Utility District ROYALTY ORRI	23.000000% 50.000000% 27.000000% 100.000000%	19.550000% 42.500000% 22.950000% 12.500000%	0.344888%
E-289-50	T31N R6W Sec 15: 8.41 acres out of S/2S/2SW/4SW/4 Sec 22: 71.59 acres in the W/2NW/4 Also described as E/2SE/4 of the resurveyed tracts lying in Sec. 115, 16, 21 & 22 #25A, #79, #79A, #79B #25A BP NON-CONSENT		80.00	<u>Tract 43</u> WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.000000% 100.000000% 100.000000%	82.500000% 12.500000% 5.000000%	0.385565%
E-504-15	T32N R6W Sec 32: W/2 #150, #150A, #150B #150A BP NON-CONSENT		320.00	<u>Tract 44</u> WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.000000% 100.000000% 100.000000%	84.500000% 12.500000% 3.000000%	1.542262%
E-504-17	T32N R6W Sec 32: E/2 #29, #29B, #29M #29M BP NON-CONSENT		320.00	<u>Tract 45</u> WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.000000% 100.000000% 100.000000%	65.625000% 12.500000% 21.875000%	1.542261%
					100.000000%	100.000000%	

SCHEDULE XXI
TWENTIETH PARTICIPATING AREA FOR THE MESAVERDE FORMATION ROSA UNIT AREA EFFECTIVE 8/01/95

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
Fee	T32N R6W						
	Sec 34: W/2NW/4		80.00	TRACT 46 WORKING INTEREST			0.385565%
	#129, #129A			Williams Production Co. LLC	23.0000000%	20.125000%	
	#129, #129A BP NON-CONSENT			BP America Production Co.	50.0000000%	43.750000%	
				Sacramento Municipal Utility District	27.0000000%	23.625000%	
				ROYALTY		12.500000%	
				OPRI		0.000000%	
E-346-30	T32N R6W			TRACT 47 WORKING INTEREST			1.542261%
	Sec 36: W/2		320.00	Williams Production Co. LLC	73.0000000%	63.875000%	
	#152, #152A, #152B			Sacramento Municipal Utility District	27.0000000%	23.625000%	
	#152A BP NON-CONSENT			ROYALTY		12.500000%	
				OPRI		0.000000%	
					100.0000000%	100.000000%	
E-346-33	T32N R6W			TRACT 48 WORKING INTEREST			1.542261%
	Sec 38: E/2		320.00	Williams Production Co. LLC	100.0000000%	65.625000%	
	#34, #34A, #34B, #34C			ROYALTY		12.500000%	
	#34A BP NON-CONSENT			OPRI		21.875000%	
					100.0000000%	100.000000%	
		167.47	20748.75		100.0000000%	100.000000%	100.000000%

UNIT AREA EXPANSION SCHEDULE

SCHEDULE XXI
TWENTIETH PARTICIPATING AREA FOR THE MESAVERDE FORMATION
ROSA UNIT AREA

RECAPITULATION

Description of lands in Mesaverde Participating Areas

Township 31 North, Range 5 West, N.M.P.M.

Sections 5, 6, 7, 8, 18, 19, 20, 29, 30, 31, 32, 33 ALL

Section 28: W/2

Township 31 North, Range 6 West, N.M.P.M.

Sections 1, *2, *3, *4, 5, 8, 9, 10, 11, 12, 13, 14, 15, 17, 21, 22, 23, 24, 25, 26: ALL

Section 16: N/2

Township 32 North, Range 6 West, N.M.P.M.

Sections 32, *33, *34, 35, 36: ALL

Total number of acres in Participating Area:

20,916.22

Total number of acres no committed to Participating Area:

167.47

Total number of acres committed to Participating Area:

20,748.75

*Portions of this acreage not committed to unit.

Effective August 1, 1995

SCHEDULE XXII

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW% PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-078763	T31N R5W Sec 5: ALL Sec 8: NE/4 #41, #41A, #41B, #46A		627.96	<u>Tract 13</u> WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.0000000% 27.0000000%	63.8750000% 23.6250000% 12.5000000% 0.0000000%	2.505891%
	T31N R5W Sec 8: S/2 #46A, #80, #80A #80A BP NON-CONSENT		320.00	WORKING INTEREST Williams Production Co. LLC BP America Production Co. Sacramento Municipal Utility District ROYALTY ORRI	23.0000000% 50.0000000% 27.0000000%	20.1250000% 43.7500000% 23.6250000% 12.5000000% 0.0000000%	1.518837%
					100.0000000%	100.0000000%	
SF-078767	T31N R5W Sec 6: ALL Sec 7: ALL Sec 8: NW/4		2518.04	<u>Tract 14</u> WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.0000000% 27.0000000%	63.8750000% 23.6250000% 12.5000000% 0.0000000%	11.951540%
	T31N R6W Sec 12: ALL Sec 13: ALL Sec 24: ALL				100.0000000%	100.0000000%	
	#72, #72A, #171, #171A, #171B, #171C, #154, #154A #80, #80A, #149, #149A, #30, #30A, #30B, #149B #125, #125E, #10, #10B, #86M, #19, #19B, #163 #163A, #101M #30A, #72A, #149A, #154, #154A, #163, #163A, #171, #171A BP NON-CONSENT #80A BP NON-CONSENT						
SF-078769	T31N R5W Sec 17: E/2 Sec 28: W/2 #153, #153A #146 #153A BP NON-CONSENT		640.00	<u>Tract 12</u> WORKING INTEREST Williams Production Co. LLC BP America Production Co. Sacramento Municipal Utility District ROYALTY ORRI	23.0000000% 50.0000000% 27.0000000%	0.20125000 0.43750000 0.23625000 12.5000000% 0.0000000%	3.037674%
					100.0000000%	100.0000000%	

SCHEDULE XXII
TWENTY-FIRST PARTICIPATING AREA FOR THE MESASVERDE FORMATION ROSA UNIT AREA EFFECTIVE 9/01/95

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-078764	T31N R5W						
	Sec 18: ALL		2187.30	TRACT 18 WORKING INTEREST Williams Production Co. LLC	73.0000000%	63.8750000%	10.3817289%
	Sec 19: Lots 1,4, E/2E/2, NW/4NE/4, SW/4SE/4,			Sacramento Municipal Utility District	27.0000000%	23.6250000%	
	Sec 20: SE/4			ROYALTY		12.5000000%	
	Sec 28: N/2NE/4, SW/4, W/2SE/4			ORRI	100.0000000%	0.0000000%	
	Sec 30: ALL					100.0000000%	
	Sec 31: ALL						
	#22, #22A, #182, #182A, #183, #183A, #17, #17A, #17B, #23, #23B, #64M, #162, #162A, #166, #166A, #15, #15A						
	#13, #13A, #137, #137A, #137B, #159, #159A						
	#13A, #17A, #137A, #159A, #162, #162A, #166, #166A BP NON-CONSENT						
	#22A, #182, #182A, #183, #183A BP NON-CONSENT						
SF-078764	T31N R5W						1.518837%
	Sec 20: N/2		320.00	WORKING INTEREST			
	#85, #85A			Williams Production Co. LLC	23.0000000%	20.1250000%	
	#85A BP NON-CONSENT			BP America Production Co.	50.0000000%	43.7500000%	
				Sacramento Municipal Utility District	27.0000000%	23.6250000%	
				ROYALTY		12.5000000%	
				ORRI	100.0000000%	0.0000000%	
						100.0000000%	
Fee	T31N R5W		152.22	TRACT 19 WORKING INTEREST			0.722492%
	Sec 19: Lots 2,3, SW/4NE/4, NW/4SE/4			Williams Production Co. LLC	73.0000000%	63.8750000%	
	#183, #183A, #159, #159A			Sacramento Municipal Utility District	27.0000000%	23.6250000%	
	#159A, #183, #183A BP NON-CONSENT			ROYALTY		12.5000000%	
				ORRI	100.0000000%	0.0000000%	
						100.0000000%	
Fee	T31N R5W			TRACT 20 WORKING INTEREST			1.518837%
	Sec 20: SW/4		320.00	Williams Production Co. LLC	73.0000000%	63.8750000%	
	Sec 28: NW/4			Sacramento Municipal Utility District	27.0000000%	23.6250000%	
	#17, #17A, #17B, #64M, #23, #23B			ROYALTY		12.5000000%	
	#17A BP NON-CONSENT			ORRI	100.0000000%	0.0000000%	
						100.0000000%	
SF-079165	T31N R5W			TRACT 21 WORKING INTEREST			0.759419%
	Sec 28: S/2NE/4, E/2SE/4		160.00	Williams Production Co. LLC	73.0000000%	63.8750000%	
	#15, #15A			Sacramento Municipal Utility District	27.0000000%	23.6250000%	
				ROYALTY		12.5000000%	
				ORRI	100.0000000%	0.0000000%	
						100.0000000%	

Effective 9/01/95

SCHEDULE XXII

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
E-347-56	T31N R6W Sec 32: NW/4 #24, #24A, #24B, #24C		160.00	TRACT 25 WORKING INTEREST Williams Production Co. LLC BP America Production Co ROYALTY OHRRI	86.944599% 13.055401%	76.076524% 11.423476% 12.500000% 0.000000%	0.759419%
E-347-48	T31N R6W Sec 32: NE/4 #26, #26A, #26B		160.00	TRACT 26 WORKING INTEREST Williams Production Co. LLC ROYALTY OHRRI	100.000000% 100.000000% 12.500000% 0.000000%	87.500000% 12.500000% 100.000000% 100.000000%	0.759419%
E-347-55	T31N R6W Sec 32: S/2 #24, #24A, #24B, #24C, #26, #26A, #26B		320.00	TRACT 27 WORKING INTEREST Williams Production Co. LLC ROYALTY OHRRI	100.000000% 100.000000% 12.500000% 21.875000%	65.625000% 12.500000% 100.000000% 100.000000%	1.518837%
SF-078773	T31N R6W Sec 33: ALL #77, #77A, #77B #147, #147A, #147A BP NON-CONSENT		640.00	TRACT 28 WORKING INTEREST Williams Production Co. LLC BP America Production Co Sacramento Municipal Utility District ROYALTY OHRRI	23.000000% 50.000000% 27.000000% 12.500000% 0.000000%	20.125000% 43.750000% 23.625000% 12.500000% 100.000000%	3.037674%
SF-078772	T31N R6W Sec 1: ALL Sec 3: Lots 5, 6, 7, 8, 9, SE/4, E/2SW/4, SW/4SW/4 Sec 4: Lots 5, 6, 7, 8, 9, N/2SW/4 NW/4SE/4, SE/4SE/4 T32N R6W Sec 33: W/2 #164, #164A, #164B, #169, #169A, #60, #60A #151, #151A #60, #60A, #151A, #164, #164A, #169, #169A BP NON-CONSENT		1161.86	TRACT 29 WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY OHRRI	73.000000% 27.000000% 12.500000% 0.000000%	63.875000% 23.625000% 12.500000% 100.000000%	5.514613%

SCHEDULE XXII
TWENTY-FIRST PARTICIPATING AREA FOR THE MESAVERDE FORMATION ROSA UNIT AREA EFFECTIVE 9/01/95

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW/ PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-078772	T32N R6W						
	Sec 33: NE/4, W/2SE/4		1400.00	WORKING INTEREST			
	Sec 34: E/2, E/2W/2, SW/4SW/4			Williams Production Co. LLC	23.000000%	20.125000%	
	Sec 35: ALL			BP America Production Co	50.000000%	43.750000%	
	#90A, #89, #89A, #89C, #129, #129A,			Sacramento Municipal Utility District	27.000000%	23.625000%	
	#91, #91A, #91B, #91C, #44, #44A, #44B			ROYALTY		12.500000%	
	#44, #44A, #90A, #91A, #129, #129A BP NON-CONSENT			ORRI	100.000000%	0.000000%	
						100.000000%	
E-289-53	T31N R6W						
	Sec 2: Lots 6, 7, 8, S/2		346.91	TRACT 30 WORKING INTEREST			1.846562%
	#148, #148A, #148B			Williams Production Co. LLC	73.000000%	62.050000%	
	#148A BP NON-CONSENT			Sacramento Municipal Utility District	27.000000%	22.950000%	
				ROYALTY		12.500000%	
				ORRI	100.000000%	2.500000%	
						100.000000%	
Uncommitted	T31N R6W						
	Sec 2: Lot 5,			TRACT 31			
	#148, #148A, #148B						
	This tract is not committed to the unit						
	#148A BP NON-CONSENT						
Uncommitted	T31N R6W						
	Sec 3 & 4 a portion thereof			TRACT 32			
	designated as Tract 37						
	This tract is not committed to the unit						
Uncommitted	T32N R6W						
	Sec 33: E/2SE/4		120.00				
	Sec 34: NW/4SW/4						
	#90, #90A						
	This tract is not committed to the unit						
	#90A SAN JUAN BASIN PROPERTIES NON-CONSENT						
SF-078765	T31N R6W						
	Sec 4: S/2SW/4, SW/4SE/4		2220.23	TRACT 33 WORKING INTEREST			10.538024%
	Sec 5: ALL			Williams Production Co. LLC	73.000000%	63.875000%	
	Sec 8: NW/4, E/2NE/4			Sacramento Municipal Utility District	27.000000%	23.625000%	
	Sec 9: ALL			ROYALTY		12.500000%	
	Sec 10: Lots 1, 2, 3, E/2E/2, NW/4			ORRI	100.000000%	0.000000%	
	Sec 15: Lots 1, 2, E/2SW/4, E/2					100.000000%	
	#12, #12A, #12B, #181, #181A						
	#60, #60A, #75, #75A						
	#35A, #35X						
	#88, #88A, #167, #167A, #167B						
	#156, #156A, #180, #180A						
	#12A, #156, #156A, #167, #167A, BP NON-CONSENT						
	#35A, #60, #60A, #75, #75A, #180, #180A, #181, #181A BP NON-CONSENT						

Effective 9/01/95

SCHEDULE XXII

[illegible]

SCHEDULE XXII

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-078771	T31N R6W Sec 11: ALL Sec 14: ALL Sec 23: ALL Sec 26: ALL #1E, #9, #9A, #9B, #36, #36B, #16, #16A, #16B, #16C, #20, #20A, #20B, #20C #14, #14A, #21, #21A, #21B #5A, #5B, #5Y, #8, #9A, #8B, #9C #5Y, #14A, #16B, #16C, #20B, #20C, #21A, BP NON-CONSENT		2560.00	<u>Tract 37</u> WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY OHHI	73.000000% 27.000000% 0.000000%	63.875000% 23.625000% 12.500000% 0.000000%	12.150697%
Fee	T31N R6W Sec 15 Tract 39 Also described as the E/2NE/4 of the resurveyed tracts lying in Sec. 15 #25A #25A, BP NON-CONSENT		80.00	<u>Tract 38</u> WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY OHHI	73.000000% 27.000000% 0.000000%	63.875000% 23.625000% 12.500000% 0.000000%	0.379709%
SF-078766	T31N R6W Sec 22: E/2 Sec 25: ALL #18, #18A #160, #160A, #165, #165A, #165B, #165C #160, #160A, #165, #165A BP NON-CONSENT		864.48	<u>Tract 39</u> WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY OHHI	73.000000% 27.000000% 100.000000%	63.875000% 23.625000% 12.500000% 0.000000%	4.103139%
SF-078766	T31N R6W Sec 16: Lots 1,2,3, (94.50), N/2NE/4, SW/4NW/4, N/2NW/4 Sec 17: ALL Sec 21: Lots 1,2,3, W/2NW/4, S/2, Sec 22: Lot 1, SW/4, E/2NW/4 #145, #145A #136, #136A, #139, #139A, #100E, #170, #32, #32A, #32B, #32C #79, #79A, #79B #32, #32A, #139A, #170 BP NON-CONSENT		1608.23	WORKING INTEREST Williams Production Co. LLC BP America Production Co Sacramento Municipal Utility District ROYALTY OHHI	23.000000% 50.000000% 27.000000% 100.000000%	20.125000% 43.750000% 23.625000% 0.000000%	7.633248%

SCHEDULE XXII
 TWENTY-FIRST PARTICIPATING AREA FOR THE MESAVERDE FORMATION ROSA UNIT AREA EFFECTIVE 9/01/95

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW/1 PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
E-346-20	T31N R6W Sec 16: The approximate 16.88 acres S/2S/2SE/4NW/4 & S/2S/2SW/4NE/4 Also described as the N/2N/2N/2NW/4 of the resurveyed tracts lying in Sec. 15, 16, 21 & 22 #145A		16.88	<u>Tract 40</u> WORKING INTEREST Williams Production Co. LLC J. Glenn Turner Jr LLC John L. Turner Fred E. Turner LLC Mary Francis Turner Jr Elizabeth Jeanne Turner ROYALTY ORRI	50.0000000% 10.0000000% 10.0000000% 10.0000000% 10.0000000% 10.0000000% 10.0000000%	32.812500% 6.562500% 6.562500% 6.562500% 6.562500% 6.562500% 12.500000%	0.080119%
E-346-22	T31N R6W Sec 16: The approximate 8.44 acres S/2S/2SE/4NW/4 Also described as the N/2N/2N/2NW/4 of the resurveyed tracts lying in Sec. 15, 16, 21 & 22 #185, #185A #185, #185A BP NON-CONSENT		8.44	<u>Tract 40A</u> WORKING INTEREST Williams Production Co. LLC J. Glenn Turner Jr LLC John L. Turner Fred E. Turner LLC Mary Francis Turner Jr Elizabeth Jeanne Turner ROYALTY ORRI	50.0000000% 10.0000000% 10.0000000% 10.0000000% 10.0000000% 10.0000000% 10.0000000%	32.812500% 6.562500% 6.562500% 6.562500% 6.562500% 6.562500% 12.500000%	0.040059%
E-289	T31N R6W Sec 21: 71.56 acres out of the E/2NW/4, 71.56 acres out of W/2NE/4 Also described as the SW/4 of the resurveyed tracts lying in Sec. 15, 16, 21 & 22 #32, #32A, #32B, #32C. #32, #32A WISER NON-CONSENT		143.12	<u>Tract 41</u> WORKING INTEREST Wiser Oil Co. ROYALTY ORRI	100.0000000% 100.0000000% 100.0000000%	87.500000% 12.500000% 100.000000%	0.679300%
E-289-43	T31N R6W Sec 21: 71.56 acres out of the E/2NE/4 Also described as the W/2SE/4 of the resurveyed tracts lying in Sec. 15, 16, 21 & 22 #32, #32A, #32B, #32C #32, #32A WISER NON-CONSENT		71.56	<u>Tract 42</u> WORKING INTEREST Williams Production Co. LLC BP America Production Co. Sacramento Municipal Utility District ROYALTY ORRI	23.0000000% 50.0000000% 27.0000000% 100.0000000%	19.550000% 42.500000% 22.950000% 2.500000%	0.339650%
E-289-50	T31N R6W Sec 15: 8.41 acres out of S/2S/2SW/4SW/4 Sec 22: 71.59 acres in the W/2NW/4 Also described as E/2SE/4 of the resurveyed tracts lying in Sec. 15, 16, 21 & 22 #25A, #79, #79A, #79B #25A BP NON-CONSENT		80.00	<u>Tract 43</u> WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.0000000% 100.0000000% 100.0000000%	82.500000% 12.500000% 5.000000%	0.379709%

SCHEDULE XXII

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW/ PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
E-504-15	T32N R6W Sec 32: W/2 #150, #150A, #150B #150A BP NON-CONSENT		320.00	<u>Tract 44</u> WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.000000%	84.500000% 12.500000% 3.000000%	1.518837%
E-504-19	T32N R6W Sec 32: E/2 #29, #29B, #29M #29M BP NON-CONSENT		320.00	<u>Tract 45</u> WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.000000%	65.625000% 12.500000% 21.875000%	1.518837%
Fee	T32N R6W Sec 34: W/2NW/4 #129, #129A #129, #129A BP NON-CONSENT		80.00	<u>Tract 46</u> WORKING INTEREST Williams Production Co. LLC BP America Production Co. Sacramento Municipal Utility District ROYALTY ORRI	23.000000% 50.000000% 27.000000%	20.125000% 43.750000% 23.625000% 12.500000% 0.000000%	0.379709%
E-346-30	T32N R6W Sec 36: W/2 #152, #152A, #152B #152A BP NON-CONSENT		320.00	<u>Tract 47</u> WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.000000% 27.000000%	63.875000% 23.625000% 12.500000% 0.000000%	1.518838%
E-346-33	T32N R6W Sec 36: E/2 #34, #34A, #34B, #34C #34A BP NON-CONSENT		320.00	<u>Tract 48</u> WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.000000%	65.625000% 12.500000% 21.875000%	1.518838%
			167.47	21066.75	100.000000%	100.000000%	100.000000%

UNIT AREA EXPANSION SCHEDULE

SCHEDULE XXII
TWENTY-FIRST PARTICIPATING AREA FOR THE MESAVERDE FORMATION
ROSA UNIT AREA

RECAPITULATION

Description of lands in Mesaverde Participating Areas

Township 31 North, Range 5 West, N.M.P.M.

Sections 5, 6, 7, 8, 18, 19, 20, 29, 30, 31, 32, 33 ALL

Section 17: E/2

Section 28: W/2

Township 31 North, Range 6 West, N.M.P.M.

Sections 1, *2, *3, *4, 5, 8, 9, 10, 11, 12, 13, 14, 15, 17, 21, 22, 23, 24, 25, 26: ALL

Section 16: N/2

Township 32 North, Range 6 West, N.M.P.M.

Sections 32, *33, *34, 35, 36: ALL

Total number of acres in Participating Area:	21,236.22
Total number of acres no committed to Participating Area:	167.47
Total number of acres committed to Participating Area:	21,068.75

*Portions of this acreage not committed to unit.

Effective September 1, 1995

SCHEDULE XXIII
THE MESAVERTERDE F

[illegible]

SCHEDULE XXIII

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-078764	T31N R5W						
	Sec 18: ALL		2187.30	<u>Tract 18</u> WORKING INTEREST			
	Sec 19: Lots 1,4, E/2E/2, NW/4NE/4, SW/4SE/4,			Williams Production Co. LLC	73.000000%	63.875000%	
	Sec 20: SE/4			Sacramento Municipal Utility District	27.000000%	23.625000%	
	Sec 28: N/2NE/4, SW/4, W/2SE/4			ROYALTY		12.500000%	
	Sec 30: ALL			ORRI	100.000000%	0.000000%	
	Sec 31: ALL					100.000000%	
	#22, #22A, #182, #182A, #183, #183A, #17, #17A, #17B, #23, #23B, #64M, #162, #162A, #166, #166A, #15, #15A						
	#13, #13A, #137, #137A, #137B, #159, #159A						
	#13A, #17A, #137A, #159A, #162, #162A, #166, #166A BP NON-CONSENT						
	#22A, #182, #182A, #183, #183A BP NON-CONSENT						
SF-078764	T31N R5W						
	Sec 20: N/2		320.00	WORKING INTEREST			
	#85, #85A			Williams Production Co. LLC	23.000000%	20.125000%	
	#85A BP NON-CONSENT			BP America Production Co.	50.000000%	43.750000%	
				Sacramento Municipal Utility District	27.000000%	23.625000%	
				ROYALTY		12.500000%	
				ORRI	100.000000%	0.000000%	
Fee	T31N R5W		152.22	<u>TRACT 19</u>			
	Sec 18: Lots 2,3, SW/4NE/4, NW/4SE/4			WORKING INTEREST			
	#183, #183A, #159, #159A			Williams Production Co. LLC	73.000000%	63.875000%	
	#159A, #183, #183A BP NON-CONSENT			Sacramento Municipal Utility District	27.000000%	23.625000%	
				ROYALTY		12.500000%	
				ORRI	100.000000%	0.000000%	
Fee	T31N R5W			<u>Tract 20</u>			
	Sec 20: SW/4		320.00	WORKING INTEREST			
	Sec 28: NW/4			Williams Production Co. LLC	73.000000%	63.875000%	
	#17, #17A, #17B, #64M, #23, #23B			Sacramento Municipal Utility District	27.000000%	23.625000%	
	#17A BP NON-CONSENT			ROYALTY		12.500000%	
				ORRI	100.000000%	0.000000%	
Fee	T31N R5W			<u>Tract 21</u>			
	Sec 28: S/2NE/4, E/2SE/4		160.00	WORKING INTEREST			
	#15, #15A			Williams Production Co. LLC	73.000000%	63.875000%	
				Sacramento Municipal Utility District	27.000000%	23.625000%	
				ROYALTY		12.500000%	
				ORRI	100.000000%	0.000000%	
SF-078165	T31N R5W						
	Sec 28: S/2NE/4, E/2SE/4		160.00	WORKING INTEREST			
	#15, #15A			Williams Production Co. LLC	73.000000%	63.875000%	
				Sacramento Municipal Utility District	27.000000%	23.625000%	
				ROYALTY		12.500000%	
				ORRI	100.000000%	0.000000%	

SCHEDULE XXIII

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW/ PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
E-347-56	T31N R5W Sec 32: NW/4 #24, #24A, #24B, #24C		160.00	TRACT 28 WORKING INTEREST Williams Production Co. LLC BP America Production Co ROYALTY ORRI	86.944599% 13.054401%	76.076524% 11.423476% 12.500000% 0.000000%	0.748057%
E-347-48	T31N R5W Sec 32: NE/4 #26, #26A, #26B		160.00	TRACT 26 WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.000000% 100.000000% 12.500000% 0.000000%	87.500000% 12.500000% 100.000000%	0.748057%
E-347-55	T31N R5W Sec 32: S/2 #24, #24A, #24B, #24C, #26, #26A, #26B		320.00	TRACT 27 WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.000000% 100.000000% 12.500000% 21.875000%	65.625000% 12.500000% 12.500000% 100.000000%	1.496114%
SF-078773	T31N R5W Sec 33: ALL #77, #77A, #77B #147 #147A, #147A BP NON-CONSENT		640.00	TRACT 28 WORKING INTEREST Williams Production Co. LLC BP America Production Co Sacramento Municipal Utility District ROYALTY ORRI	23.000000% 50.000000% 27.000000% 100.000000%	20.125000% 43.750000% 23.625000% 12.500000% 0.000000%	2.992227%
SF-078772	T31N R6W Sec 1: ALL Sec 3: Lots 5,6,7,8,9, SE/4, E/2SW/4, SW/4SW/4 Sec 4: Lots 5,6,7,8,9, N/2SW/4 NW/4SE/4, SE/4SE/4 T32N R6W Sec 33: W/2 #164, #164A, #164B, #169, #169A, #60, #60A #151, #151A #60, #60A, #151A, #164, #164A, #169, #169A BP NON-CONSENT		1161.86	TRACT 29 WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.000000% 27.000000% 100.000000% 100.000000%	63.875000% 23.625000% 12.500000% 0.000000%	5.432108%

SCHEDULE XXIII
 TWENTY-SECOND PARTICIPATING AREA FOR THE MESAVERDE FORMATION ROSA UNIT AREA EFFECTIVE 11/01/98

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-078772	T32N R6W						
	Sec 33: NE/4, W/2SE/4		1400.00	WORKING INTEREST	23.0000000%	20.125000%	
	Sec 34: E/2, E/2W/2, SW/4SW/4			Williams Production Co. LLC	50.0000000%	43.750000%	
	Sec 35: ALL			BP America Production Co	27.0000000%	23.625000%	
	#90A, #89, #89A, #89C, #129, #129A,			Sacramento Municipal Utility District		12.500000%	
	#91, #91A, #91B, #91C, #44, #44A, #44B			ROYALTY		0.000000%	
	#44, #44A, #90A, #91A, #129, #129A BP NON-CONSENT			ORRI	100.0000000%	100.000000%	
E-289-53	T31N R6W						
	Sec 2: Lots 6, 7, 8, S/2		346.91	TRACT 30 WORKING INTEREST			1.621927%
	#148, #148A, #148B			Williams Production Co. LLC	73.0000000%	62.050000%	
	#148A BP NON-CONSENT			Sacramento Municipal Utility District	27.0000000%	22.950000%	
				ROYALTY		12.500000%	
				ORRI		2.500000%	
					100.0000000%	100.000000%	
Uncommitted	T31N R6W						
	Sec 2: Lots 5,			TRACT 31			
	#148, #148A, #148B						
	This tract is not committed to the unit						
	#148A BP NON-CONSENT						
Uncommitted	T31N R6W						
	Sec 3 & 4 a portion thereof			TRACT 32			
	designated as Tract 37						
	This tract is not committed to the unit						
Uncommitted	T32N R6W						
	Sec 33: E/2SE/4		120.00				
	Sec 34: NW/4SW/4						
	#90, #90A						
	This tract is not committed to the unit						
	#90A SAN JUAN BASIN PROPERTIES NON-CONSENT						
SF-078765	T31N R6W						
	Sec 4: S/2SW/4, SW/4SE/4		2220.23	TRACT 33 WORKING INTEREST			10.380364%
	Sec 5: ALL			Williams Production Co. LLC	73.0000000%	63.875000%	
	Sec 8: NW/4, E/2NE/4			Sacramento Municipal Utility District	27.0000000%	23.625000%	
	Sec 9: ALL			ROYALTY		12.500000%	
	Sec 10: Lots 1, 2, 3, E/2E/2, NW/4			ORRI		0.000000%	
	Sec 15: Lots 1, 2, E/2SW/4, E/2				100.0000000%	100.000000%	
	#12, #12A, #12B, #181, #181A						
	#80, #80A, #75, #75A						
	#35A, #35X						
	#88, #88A, #167, #167A, #167B						
	#156, #156A, #180, #180A						
	#12A, #156, #156A, #167, #167A, BP NON-CONSENT						
	#35A, #80, #80A, #75, #75A, #180, #180A, #181, #181A BP NON-CONSENT						

TWENTY-SECOND PARTICIPATING AREA FOR THE MESAVERDE FORMATION ROSA UNIT AREA EFFECTIVE 11/01/98

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SE-078765	T31N R6W Sec 8 : SW/4, E2SE/4		240.00	WORKING INTEREST Williams Production Co. LLC	23.000000%	20.125000%	1.122065%
	#86, #88A, #167, #167A, #167B, #167, #167A, BP NON-CONSENT			BP America Production Co Sacramento Municipal Utility District	50.000000% 27.000000%	43.750000% 23.625000%	
				ROYALTY ORRI		12.500000% 0.000000%	
					100.000000%	100.000000%	
Fee	T31N R6W Sec 8 : W/2SE/4		80.00	Tract 34 WORKING INTEREST Williams Production Co. LLC	23.000000%	20.125000%	0.374028%
	#167, #167A, #167B #167 & #167A BP NON-CONSENT			BP America Production Co Sacramento Municipal Utility District	50.000000% 27.000000%	43.750000% 23.625000%	
				ROYALTY ORRI		12.500000% 0.000000%	
					100.000000%	100.000000%	
Fee	T31N R6W Sec 8 : W/2NE/4		80.00	WORKING INTEREST Williams Production Co. LLC	73.000000%	63.875000%	0.374028%
	#167, #167A, #167B #167 & #167A BP NON-CONSENT			Sacramento Municipal Utility District ROYALTY	27.000000%	23.625000% 12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	
Fee	T31N R6W Sec 10: W/2E/2		160.00	Tract 35 WORKING INTEREST Williams Production Co. LLC	73.000000%	63.875000%	0.748057%
	#181, #181A #181, #181A BP NON-CONSENT			Sacramento Municipal Utility District ROYALTY	27.000000%	23.625000% 12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	
Fee	T31N R6W Sec 10: Tract 38		161.52	Tract 36 WORKING INTEREST Williams Production Co. LLC			0.755163%
	#25A, #75, #75A #25A, #75, #75A BP NON-CONSENT			Sacramento Municipal Utility District ROYALTY	73.000000% 27.000000%	59.881900% 22.148100%	
				ORRI		12.500000% 5.470000%	
					100.000000%	100.000000%	

SCHEDULE XXIII
TWENTY-SECOND PARTICIPATING AREA FOR THE MESAVERDE FORMATION ROSA UNIT AREA EFFECTIVE 11/01/98

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-078771	T31N R6W Sec 11: ALL Sec 14: ALL Sec 23: ALL Sec 26: ALL #1E, #9, #9A, #9B, #36B, #16, #16A, #16B, #16C, #20, #20A, #20B, #20C #14, #14A, #21, #21A, #21B #5A, #5B, #5Y, #8, #8A, #8B, #8C #5Y, #14A, #16B, #16C, #20B, #20C, #21A, BP NON-CONSENT		2560.00	Tract 37 WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.0000000% 27.0000000% 100.0000000%	63.8750000% 23.6250000% 12.5000000% 0.0000000% 100.0000000%	11.968909%
Fee	T31N R6W Sec 15 Tract 39 Also described as the E/2NE/4 of the resurveyed tracts lying in Sec. 15 #25A #25A BP NON-CONSENT		80.00	Tract 38 WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.0000000% 27.0000000% 100.0000000%	63.8750000% 23.6250000% 12.5000000% 0.0000000% 100.0000000%	0.374028%
SF-078766	T31N R6W Sec 22: E/2 Sec 25: ALL #18, #18A #160, #160A, #165, #165A, #165B, #165C #160, #160A, #165, #165A BP NON-CONSENT		864.48	Tract 39 WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.0000000% 27.0000000% 100.0000000%	63.8750000% 23.6250000% 12.5000000% 0.0000000% 100.0000000%	4.041751%
SF-078766	T31N R6W Sec 16: Lots 1,2,3, (94.50), N/2NE/4, SW/4NW/4, N/2NW/4 Sec 17: ALL Sec 21: Lots 1,2,3, W/2NW/4, S/2 Sec 22: Lot 1, SW/4, E/2NW/4 #145, #145A #138, #138A, #139, #139A, #100E, #170, #32, #32A, #32B, #32C #78, #79A, #79B #32, #32A, #139A, #170 BP NON-CONSENT		1608.23	WORKING INTEREST Williams Production Co. LLC BP America Production Co Sacramento Municipal Utility District ROYALTY ORRI	23.0000000% 50.0000000% 27.0000000% 100.0000000%	20.1250000% 43.7500000% 23.6250000% 12.5000000% 0.0000000% 100.0000000%	7.519046%

SCHEDULE XXIII
TWENTY-SECOND PARTICIPATING AREA FOR THE MESAVEDE FORMATION ROSA UNIT AREA EFFECTIVE 11/01/98

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW/ PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
E-346-20	T31N R6W Sec 16: The approximate 16.88 acres S/2S/2SE/4NW/4 & S/2S/2SW/4NE/4 Also described as the N/2N/2NW/4 of the reserved tracts lying in Sec. 15, 16, 21 & 22 #145A		16.88	TRACT 40 WORKING INTEREST Williams Production Co. LLC J. Glenn Turner Jr. LLC John L. Turner Fred E. Turner LLC Mary Francis Turner Jr Elizabeth Jeanne Turner ROYALTY ORRI	50.000000% 10.000000% 10.000000% 10.000000% 10.000000% 10.000000% 10.000000%	32.812500% 6.562500% 6.562500% 6.562500% 6.562500% 6.562500% 12.500000% 21.875000% 100.000000%	0.078920%
E-346-22	T31N R6W Sec 16: The approximate 8.44 acres S/2S/2SE/4NE/4 Also described as the N/2N/2NW/4NE/4 of the reserved tracts lying in Sec. 15, 16, 21 & 22 #185, #185A #185, #185A BP NON-CONSENT		8.44	TRACT 40A WORKING INTEREST Williams Production Co. LLC J. Glenn Turner Jr. LLC John L. Turner Fred E. Turner LLC Mary Francis Turner Jr Elizabeth Jeanne Turner ROYALTY ORRI	50.000000% 10.000000% 10.000000% 10.000000% 10.000000% 10.000000% 10.000000%	32.812500% 6.562500% 6.562500% 6.562500% 6.562500% 6.562500% 12.500000% 21.875000% 100.000000%	0.039460%
E-289	T31N R6W Sec 21: 71.56 acres out of the E/2NW/4, 71.56 acres out of W/2NE/4 Also described as the SW/4 of the reserved tracts lying in Sec. 15, 16, 21 & 22 #32, #32A, #32B, #32C, #32, #32A WISER NON-CONSENT		143.12	TRACT 41 WORKING INTEREST Wiser Oil Co. ROYALTY ORRI	100.000000% 100.000000%	87.500000% 12.500000% 0.000000% 100.000000%	0.669137%
E-289-43	T31N R6W Sec 21: 71.56 acres out of the E/2NE/4 Also described as the W/2SE/4 of the reserved tracts lying in Sec. 15, 16, 21 & 22 #32, #32A, #32B, #32C #32, #32A WISER NON-CONSENT		71.56	TRACT 42 WORKING INTEREST Williams Production Co. LLC BP America Production Co. Sacramento Municipal Utility District ROYALTY ORRI	23.000000% 50.000000% 27.000000% 100.000000%	19.550000% 42.500000% 22.950000% 12.500000% 2.500000% 100.000000%	0.334589%
E-289-50	T31N R6W Sec 15: 8.41 acres out of S/2S/2SW/4SW/4 Sec 22: 71.59 acres in the W/2NW/4 Also described as E/2SE/4 of the reserved tracts lying in Sec. 15, 16, 21 & 22 #25A, #79, #79A, #79B #25A BP NON-CONSENT		80.00	TRACT 43 WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.000000% 100.000000%	82.500000% 12.500000% 5.000000% 100.000000%	0.374028%

SCHEDULE XXIII
TWENTY-SECOND PARTICIPATING AREA FOR THE MESAVERDE FORMATION ROSA UNIT AREA EFFECTIVE 11/01/98

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW/ PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
E-504-15	T32N R6W Sec 32: W/2		320.00	Tract 44 WORKING INTEREST			1.496114%
	#150, #150A, #150B			Williams Production Co. LLC	100.000000%	84.500000%	
	#150A BP NON-CONSENT			ROYALTY		12.500000%	
				ORRI		3.000000%	
					100.000000%	100.000000%	
E-504-19	T32N R6W Sec 32: E/2		320.00	Tract 45 WORKING INTEREST			1.496114%
	#29, #29B, #29M			Williams Production Co. LLC	100.000000%	66.625000%	
	#29M BP NON-CONSENT			ROYALTY		12.500000%	
				ORRI		21.875000%	
					100.000000%	100.000000%	
Fee	T32N R6W Sec 34: W/2NW/4		80.00	Tract 46 WORKING INTEREST			0.374028%
	#129, #129A			Williams Production Co. LLC	23.000000%	20.125000%	
	#129, #129A BP NON-CONSENT			BP America Production Co.	50.000000%	43.750000%	
				Sacramento Municipal Utility District	27.000000%	23.625000%	
				ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	
E-346-30	T32N R6W Sec 36: W/2		320.00	Tract 47 WORKING INTEREST			1.496114%
	#152, #152A, #152B			Williams Production Co. LLC	73.000000%	63.875000%	
	#152A BP NON-CONSENT			Sacramento Municipal Utility District	27.000000%	23.625000%	
				ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	
E-346-33	T32N R6W Sec 36: E/2		320.00	Tract 48 WORKING INTEREST			1.496113%
	#34, #34A, #34B, #34C			Williams Production Co. LLC	100.000000%	65.625000%	
	#34A BP NON-CONSENT			ROYALTY		12.500000%	
				ORRI		21.875000%	
					100.000000%	100.000000%	
			167.47	21388.75			100.000000%

UNIT AREA EXPANSION SCHEDULE

SCHEDULE XXIII
TWENTY-SECOND PARTICIPATING AREA FOR THE MESAVERDE FORMATION
ROSA UNIT AREA

RECAPITULATION

Description of lands in Mesaverde Participating Areas

Township 31 North, Range 5 West, N.M.P.M.

Sections 5, 6, 7, 8, 18, 19, 20, 28, 29, 30, 31, 32, 33 ALL

Section 17: E/2

Township 31 North, Range 6 West, N.M.P.M.

Sections 1, *2, *3, *4, 5, 8, 9, 10, 11, 12, 13, 14, 15, 17, 21, 22, 23, 24, 25, 26: ALL

Section 16: N/2

Township 32 North, Range 6 West, N.M.P.M.

Sections 32, *33, *34, 35, 36: ALL

Total number of acres in Participating Area:	21,556.22
Total number of acres no committed to Participating Area:	167.47
Total number of acres committed to Participating Area:	21,388.75

*Portions of this acreage not committed to unit.

Effective November 1, 1998

SCHEDULE XXIV

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-078763	T31N R6W						
	Sec 5: ALL		527.96	Tract 13 WORKING INTEREST			
	Sec 8: NE/4			Williams Production Co. LLC	73.000000%	63.875000%	
	#41, #41A, #41B, #46A			Sacramento Municipal Utility District	27.000000%	23.825000%	
				ROYALTY		12.500000%	
				ORRI	0.000000%	0.000000%	
					100.000000%	100.000000%	
	T31N R6W						
	Sec 8: S/2		320.00	WORKING INTEREST			
	#46A, #80, #80A			Williams Production Co. LLC	23.000000%	20.125000%	
	#80A BP NON-CONSENT			BP America Production Co.	50.000000%	43.750000%	
				Sacramento Municipal Utility District	27.000000%	23.825000%	
				ROYALTY		12.500000%	
				ORRI	0.000000%	0.000000%	
					100.000000%	100.000000%	
SF-078767	T31N R5W						
	Sec 6: ALL		2518.04	Tract 14 WORKING INTEREST			
	Sec 7: ALL			Williams Production Co. LLC	73.000000%	63.875000%	
	Sec 8: NW/4			Sacramento Municipal Utility District	27.000000%	23.825000%	
				ROYALTY		12.500000%	
				ORRI	0.000000%	0.000000%	
					100.000000%	100.000000%	
	T31N R6W						
	Sec 12: ALL						
	Sec 13: ALL						
	Sec 24: ALL						
	#72, #72A, #171, #171A, #171B, #171C, #154, #154A						
	#80, #80A, #149, #149A, #30, #30A, #30B, #149B						
	#125, #125E, #10, #10B, #6M, #19, #19B, #163						
	#163A, #101M						
	#30A, #72A, #149A, #154, #154A, #163, #163A, #171, #171A BP NON-CONSENT						
	#80A BP NON-CONSENT						
SF-078769	T31N R5W						
	Sec 17: ALL		1280.00	Tract 12 WORKING INTEREST			
	Sec 26: ALL			Williams Production Co. LLC	23.000000%	0.20125000	
	#31, #31A, #31B, #31C, #153, #153A			BP America Production Co.	50.000000%	0.43750000	
	#146, #188, #188A			Sacramento Municipal Utility District	27.000000%	0.23625000	
	#31, #153A, #168, #168A BP NON-CONSENT			ROYALTY		12.500000%	
				ORRI	0.000000%	0.000000%	
					100.000000%	100.000000%	

SCHEDULE XXIV
TWENTY-THIRD PARTICIPATING AREA FOR THE MESAVERDE FORMATION ROSA UNIT AREA EFFECTIVE 8/01/00

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW1 PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-07/8/64	T31N R5W						
	Sec 18: ALL		2187.30	<u>Tract 18</u> WORKING INTEREST Williams Production Co. LLC	73.0000000%	63.8750000%	10.075661%
	Sec 19: Lots 1,4, E/2E/2, NW/4NE/4, SW/4SE/4,			Sacramento Municipal Utility District	27.0000000%	23.6250000%	
	Sec 20: SE/4			ROYALTY		12.5000000%	
	Sec 29: N/2NE/4, SW/4, W/2SE/4			ORRI		0.0000000%	
	Sec 30: ALL				100.0000000%	100.0000000%	
	Sec 31: ALL						
	#22, #22A, #182, #182A, #183, #183A, #17, #17A, #17B, #23, #23B, #64M, #162, #162A, #166, #166A, #15, #15A						
	#13, #13A, #137, #137A, #137B, #159, #159A						
	#13A, #17A, #137A, #159A, #162, #162A, #166, #166A BP NON-CONSENT						
	#22A, #182, #182A, #183, #183A BP NON-CONSENT						
SF-07/8/64	T31N R5W						1.474080%
	Sec 20: N/2		320.00	WORKING INTEREST			
	#85, #85A			Williams Production Co. LLC	23.0000000%	20.1250000%	
	#85A BP NON-CONSENT			BP America Production Co.	50.0000000%	43.7500000%	
				Sacramento Municipal Utility District	27.0000000%	23.6250000%	
				ROYALTY		12.5000000%	
				ORRI		0.0000000%	
					100.0000000%	100.0000000%	
Fee	T31N R5W		152.22	<u>Tract 19</u> WORKING INTEREST			0.701192%
	Sec 19: Lots 2,3, SW/4NE/4, NW/4SE/4			Williams Production Co. LLC	73.0000000%	63.8750000%	
	#183, #183A, #159, #159A			Sacramento Municipal Utility District	27.0000000%	23.6250000%	
	#159A, #183, #183A BP NON-CONSENT			ROYALTY		12.5000000%	
				ORRI		0.0000000%	
					100.0000000%	100.0000000%	
Fee	T31N R5W			<u>Tract 20</u> WORKING INTEREST			1.474080%
	Sec 20: SW/4		320.00	Williams Production Co. LLC	73.0000000%	63.8750000%	
	Sec 28: NW/4			Sacramento Municipal Utility District	27.0000000%	23.6250000%	
	#17, #17A, #17B, #64M, #23, #23B			ROYALTY		12.5000000%	
	#17A BP NON-CONSENT			ORRI		0.0000000%	
					100.0000000%	100.0000000%	
SF-07/9/65	T31N R5W			<u>Tract 21</u> WORKING INTEREST			0.737030%
	Sec 29: S/2NE/4, E/2SE/4		160.00	Williams Production Co. LLC	73.0000000%	63.8750000%	
	#15, #15A			Sacramento Municipal Utility District	27.0000000%	23.6250000%	
				ROYALTY		12.5000000%	
				ORRI		0.0000000%	
					100.0000000%	100.0000000%	

SCHEDULE XXIV

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
E-347-56	T31N R6W Sec 32: NW/4 #24, #24A, #24B, #24C		180.00	<u>Tract 25</u> WORKING INTEREST Williams Production Co. LLC BP America Production Co ROYALTY ORRI	86.944599% 13.055401%	76.076524% 11.423476% 12.500000% 0.000000%	0.737030%
E-347-48	T31N R5W Sec 32: NE/4 #26, #26A, #26B		180.00	<u>Tract 26</u> WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.000000% 100.000000%	87.500000% 12.500000% 0.000000%	0.737030%
E-347-55	T31N R5W Sec 32: S/2 #24, #24A, #24B, #24C, #26, #26A, #26B		320.00	<u>Tract 27</u> WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.000000% 100.000000%	65.625000% 12.500000% 21.875000%	1.474060%
SF-078773	T31N R6W Sec 33: ALL #77, #77A, #77B, #147, #147A, #147A BP NON-CONSENT		640.00	<u>Tract 28</u> WORKING INTEREST Williams Production Co. LLC BP America Production Co Sacramento Municipal Utility District ROYALTY ORRI	23.000000% 50.000000% 27.000000%	20.125000% 43.750000% 23.625000% 12.500000%	2.948120%
SF-078772	T31N R6W Sec 1: ALL Sec 3: Lots 5,6,7,8,9, SE/4, E/2SW/4, SW/4SW/4 Sec 4: Lots 5,6,7,8,9, N/2SW/4 NW/4SE/4, SE/4SE/4		1161.86	<u>Tract 29</u> WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.000000% 27.000000%	63.875000% 23.625000% 12.500000% 0.000000%	5.352035%
	T32N R6W Sec 33: W/2 #164, #164A, #164B, #169, #169A, #60, #60A #151, #151A #60, #60A, #151A, #164, #164A, #169, #169A BP NON-CONSENT				100.000000%	100.000000%	

SCHEDULE XXIV
TWENTY-THIRD PARTICIPATING AREA FOR THE MESAVEERDE FORMATION ROSA UNIT AREA EFFECTIVE 8/01/00

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-078772	T32N R6W						
	Sec 33: NE/4, W/2SE/4		1400.00	WORKING INTEREST			
	Sec 34: E/2, E/2W/2, SW/4SW/4			Williams Production Co. LLC	23.000000%	20.125000%	
	Sec 35: ALL			BP America Production Co	50.000000%	43.750000%	
	#90A, #89, #89A, #89C, #129, #129A,			Sacramento Municipal Utility District	27.000000%	23.625000%	
	#91, #91A, #91B, #91C, #44, #44A, #44B			ROYALTY		12.500000%	
	#44, #44A, #90A, #91A, #129, #129A BP NON-CONSENT			ORRI		0.000000%	
					100.000000%	100.000000%	
E-289-53	T31N R6W						
	Sec 2: Lots 6, 7, 8, S/2		346.91	Tract 30 WORKING INTEREST			1.598019%
	#148, #148A, #148B			Williams Production Co. LLC	73.000000%	62.050000%	
	#148A BP NON-CONSENT			Sacramento Municipal Utility District	27.000000%	22.950000%	
				ROYALTY		12.500000%	
				ORRI		2.500000%	
					100.000000%	100.000000%	
Uncommitted	T31N R6W	9.35		Tract 31			
	Sec 2: Lot 5,						
	#148, #148A, #148B						
	This tract is not committed to the unit						
	#148A BP NON-CONSENT						
Uncommitted	T31N R6W	38.12		Tract 32			
	Sec 3 & 4 a portion thereof						
	designated as Tract 37						
	This tract is not committed to the unit						
Uncommitted	T32N R6W	120.00					
	Sec 33: E/2SE/4						
	Sec 34: NW/4SW/4						
	#90, #90A						
	This tract is not committed to the unit						
	#90A SAN JUAN BASIN PROPERTIES NON-CONSENT						
SF-078785	T31N R6W						
	Sec 4: S/2SW/4, SW/4SE/4		2220.23	Tract 33 WORKING INTEREST			10.227351%
	Sec 5: ALL			Williams Production Co. LLC	73.000000%	63.875000%	
	Sec 8: NW/4, E/2NE/4			Sacramento Municipal Utility District	27.000000%	23.625000%	
	Sec 9: ALL			ROYALTY		12.500000%	
	Sec 10: Lots 1, 2, 3, E/2E/2, NW/4			ORRI		0.000000%	
	Sec 15: Lots 1, 2, E/2SW/4, E/2				100.000000%	100.000000%	
	#12, #12A, #12B, #181, #181A						
	#60, #60A, #75, #75A						
	#35A, #35X						
	#88, #88A, #167, #167A, #167B						
	#156, #156A, #180, #180A						
	#12A, #156, #156A, #167, #167A, BP NON-CONSENT						
	#35A, #60, #60A, #75, #75A, #180, #180A, #181, #181A BP NON-CONSENT						

SCHEDULE XXIV

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW/ PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-078765	T31N R6W Sec 8: SW/4, E/2SE/4 #88, #88A, #167, #167A, #167B, #167, #167A, BP NON-CONSENT		240.00	WORKING INTEREST Williams Production Co, LLC BP America Production Co Sacramento Municipal Utility District ROYALTY ORRI	23.0000000% 23.0000000% 50.0000000% 27.0000000% 12.5000000% 0.0000000%	20.125000% 43.750000% 23.625000% 12.500000% 0.000000%	1.105545%
Fee	T31N R6W Sec 8: W/2SE/4 #167, #167A, #167B #167 & #167A BP NON-CONSENT		80.00	TRACT 34 WORKING INTEREST Williams Production Co, LLC BP America Production Co Sacramento Municipal Utility District ROYALTY ORRI	23.0000000% 23.0000000% 50.0000000% 27.0000000% 12.5000000% 0.0000000%	20.125000% 43.750000% 23.625000% 12.500000% 0.000000%	0.368515%
Fee	T31N R6W Sec 8: W/2NE/4 #167, #167A, #167B #167 & #167A BP NON-CONSENT		80.00	WORKING INTEREST Williams Production Co, LLC Sacramento Municipal Utility District ROYALTY ORRI	73.0000000% 27.0000000% 12.5000000% 0.0000000%	63.875000% 23.625000% 12.500000% 0.000000%	0.368515%
Fee	T31N R6W Sec 10: W/2E/2 #181, #181A #181, #181A BP NON-CONSENT		160.00	TRACT 35 WORKING INTEREST Williams Production Co, LLC Sacramento Municipal Utility District ROYALTY ORRI	73.0000000% 27.0000000% 12.5000000% 0.0000000%	63.875000% 23.625000% 12.500000% 0.000000%	0.737030%
Fee	T31N R6W Sec 10: Tract 38 #25A, #75, #75A #25A, #75, #75A BP NON-CONSENT		161.52	TRACT 36 WORKING INTEREST Williams Production Co, LLC Sacramento Municipal Utility District ROYALTY ORRI	73.0000000% 27.0000000% 12.5000000% 5.4700000%	59.881900% 22.148100% 12.500000% 5.470000%	0.744032%

SCHEDULE XXIV
TWENTY-THIRD PARTICIPATING AREA FOR THE MESAVERDE FORMATION ROSA UNIT AREA EFFECTIVE 8/01/00

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-07/8771	T31N R6W						
	Sec 11: ALL		2560.00	Tract 37 WORKING INTEREST Williams Production Co. LLC	73.000000%	63.875000%	11.792480%
	Sec 14: ALL			WORKING INTEREST Williams Production Co. LLC	73.000000%	63.875000%	
	Sec 23: ALL			Sacramento Municipal Utility District	27.000000%	23.625000%	
	Sec 28: ALL			ROYALTY		12.500000%	
	#1E, #9, #9A, #9B, #36, #36B, #16, #18A, #18B, #18C, #20, #20A, #20B, #20C			ORRI	100.000000%	0.000000%	
	#14, #14A, #21, #21A, #21B					100.000000%	
	#5A, #5B, #5Y, #8, #8A, #8B, #8C						
	#5Y, #14A, #16B, #16C, #20B, #20C, #21A, BP NON-CONSENT						
Fee	T31N R6W						0.366515%
	Sec 15 Tract 39		80.00	Tract 38 WORKING INTEREST Williams Production Co. LLC	73.000000%	63.875000%	
	Also described as the E/2NE/4 of the resurveyed tracts lying in Sec. 15			Sacramento Municipal Utility District	27.000000%	23.625000%	
	#25A			ROYALTY		12.500000%	
	#25A BP NON-CONSENT			ORRI	100.000000%	0.000000%	
						100.000000%	
SF-07/8766	T31N R6W						3.982173%
	Sec 22: E/2		864.48	Tract 39 WORKING INTEREST Williams Production Co. LLC	73.000000%	63.875000%	
	Sec 25: ALL			Sacramento Municipal Utility District	27.000000%	23.625000%	
	#18, #18A			ROYALTY		12.500000%	
	#160, #160A, #165, #165A, #165B, #165C			ORRI	100.000000%	0.000000%	
	#160, #160A, #165, #165A BP NON-CONSENT					100.000000%	
SF-07/8766	T31N R6W						7.408211%
	Sec 16: Lots 1,2,3, (94.50), N/2NE/4, SW/4NW/4, N/2NW/4		1608.23	WORKING INTEREST Williams Production Co. LLC	23.000000%	20.125000%	
	Sec 17: ALL			BP America Production Co	50.000000%	43.750000%	
	Sec 21: Lots 1,2,3, W/2NW/4, S/2			Sacramento Municipal Utility District	27.000000%	23.625000%	
	Sec 22: Lot 1, SW/4, E/2NW/4			ROYALTY		12.500000%	
	#145, #145A			ORRI	100.000000%	0.000000%	
	#138, #138A, #139, #139A					100.000000%	
	#100E, #170, #32, #32A, #32B, #32C						
	#79, #79A, #79B						
	#32, #32A, #139A, #170 BP NON-CONSENT						
E-346-20	T31N R6W						0.077757%
	Sec 16: The approximate 16.88 acres S/2S/2SE/4NW/4 & S/2S/2SW/4NE/4		16.88	Tract 40 WORKING INTEREST Williams Production Co. LLC	50.000000%	32.812500%	
	Also described as the N/2N/2N/2NW/4 of the resurveyed tracts lying in Sec. 15, 16, 21 & 22			J. Glenn Turner Jr LLC	10.000000%	6.562500%	
	#145A			John L. Turner	10.000000%	6.562500%	
				Fred E. Turner LLC	10.000000%	6.562500%	
				Mary Francis Turner Jr	10.000000%	6.562500%	
				Elizabeth Jeanne Turner	10.000000%	6.562500%	
				ROYALTY		12.500000%	
				ORRI	100.000000%	21.875000%	
						100.000000%	

SCHEDULE XXIV
TWENTY-THIRD PARTICIPATING AREA FOR THE MESAVERDE FORMATION ROSA UNIT AREA EFFECTIVE 8/01/00

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW/ PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
E-346-22	T31N R6W Sec 16: The approximate 8.44 acres S/2S/2SE/4NE/4 Also described as the N/2N/2NW/4NE/4 of the resurveyed tracts lying in Sec. 15, 16, 21 & 22 #185, #185A #185, #185A BP NON-CONSENT		8.44	<u>Tract 40A</u> WORKING INTEREST Williams Production Co. LLC J. Glenn Turner Jr LLC John L. Turner Fred E. Turner LLC Mary Francis Turner Jr Elizabeth Jeanne Turner ROYALTY ORRI	50.000000% 32.812500% 10.000000% 10.000000% 10.000000% 10.000000% 10.000000% 10.000000%	6.562500% 6.562500% 6.562500% 6.562500% 6.562500% 6.562500% 6.562500% 6.562500%	0.036878%
E-289	T31N R6W Sec 21: 71.56 acres out of the E/2NW/4, 71.56 acres out of W/2NE/4 Also described as the SW/4 of the resurveyed tracts lying in Sec. 15, 16, 21 & 22 #32, #32A, #32B, #32C. #32, #32A WISER NON-CONSENT		143.12	<u>Tract 41</u> WORKING INTEREST Wiser Oil Co. ROYALTY ORRI	100.000000% 87.500000% 12.500000% 0.000000%	0.659273% 0.000000% 0.000000% 0.000000%	
E-289-43	T31N R6W Sec 21: 71.56 acres out of the E/2NE/4 Also described as the W/2SE/4 of the resurveyed tracts lying in Sec. 15, 16, 21 & 22 #32, #32A, #32B, #32C #32, #32A WISER NON-CONSENT		71.56	<u>Tract 42</u> WORKING INTEREST Williams Production Co. LLC BP America Production Co. Sacramento Municipal Utility District ROYALTY ORRI	23.000000% 19.550000% 50.000000% 42.500000% 27.000000% 12.500000% 2.500000%	0.329637% 0.000000% 0.000000% 0.000000% 0.000000% 0.000000% 0.000000%	
E-289-50	T31N R6W Sec 15: 8.41 acres out of S/2S/2SW/4SW/4 Sec 22: 71.59 acres in the W/2NW/4 Also described as E/2SE/4 of the resurveyed tracts lying in Sec. 15, 16, 21 & 22 #25A, #79, #79A, #79B #25A BP NON-CONSENT		80.00	<u>Tract 43</u> WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.000000% 82.500000% 12.500000% 5.000000%	0.366515% 0.000000% 0.000000% 0.000000%	
E-504-15	T32N R6W Sec 32: W/2 #150, #150A, #150B #150A BP NON-CONSENT		320.00	<u>Tract 44</u> WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.000000% 84.500000% 12.500000% 3.000000%	1.474060% 0.000000% 0.000000% 0.000000%	
E-504-19	T32N R6W Sec 32: E/2 #29, #29B, #29M #29M BP NON-CONSENT		320.00	<u>Tract 45</u> WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.000000% 65.625000% 12.500000% 21.875000%	1.474060% 0.000000% 0.000000% 0.000000%	

SCHEDULE XXIV

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW/ PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
Fee	T32N R6W Sec 34: W/2NW/4		80.00	<u>Tract 46</u> WORKING INTEREST Williams Production Co. LLC	23.000000%	20.125000%	0.366515%
	#129, #129A			BP America Production Co.	50.000000%	43.750000%	
	#129, #129A BP NON-CONSENT			Sacramento Municipal Utility District	27.000000%	23.625000%	
				ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	
E-346-30	T32N R6W Sec 36: W/2		320.00	<u>Tract 47</u> WORKING INTEREST Williams Production Co. LLC	73.000000%	63.875000%	1.474060%
	#152, #152A, #152B			Sacramento Municipal Utility District	27.000000%	23.625000%	
	#152A BP NON-CONSENT			ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	
E-346-33	T32N R6W Sec 36: E/2		320.00	<u>Tract 48</u> WORKING INTEREST Williams Production Co. LLC	100.000000%	65.625000%	1.474060%
	#34, #34A, #34B, #34C			ROYALTY		12.500000%	
	#34A BP NON-CONSENT			ORRI		21.875000%	
		167.47	21708.75		100.000000%	100.000000%	100.000000%

UNIT AREA EXPANSION SCHEDULE

SCHEDULE XXIV
TWENTY-THIRD PARTICIPATING AREA FOR THE MESAVERDE FORMATION
ROSA UNIT AREA

RECAPITULATION

Description of lands in Mesaverde Participating Areas

Township 31 North, Range 5 West, N.M.P.M.

Sections 5, 6, 7, 8, 17, 18, 19, 20, 28, 29, 30, 31, 32, 33 ALL

Township 31 North, Range 6 West, N.M.P.M.

Sections 1, *2, *3, *4, 5, 8, 9, 10, 11, 12, 13, 14, 15, 17, 21, 22, 23, 24, 25, 26: ALL
Section 16: N/2

Township 32 North, Range 6 West, N.M.P.M.

Sections 32, *33, *34, 35, 36: ALL

Total number of acres in Participating Area:	21,876.22
Total number of acres no committed to Participating Area:	167.47
Total number of acres committed to Participating Area:	21,708.75

*Portions of this acreage not committed to unit.

Effective August 1, 2000

SCHEDULE XXV

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW% PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-07/8/63	T31N R5W			<u>Tract 13</u>			2.396666%
	Sec 5: ALL	527.96		WORKING INTEREST			
	Sec 8: NE/4			Williams Production Co. LLC	73.000000%	63.875000%	
	#41, #41A, #41B, #46A			Sacramento Municipal Utility District	27.000000%	23.625000%	
				ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	
	T31N R5W						1.452647%
	Sec 8: S/2	320.00		WORKING INTEREST			
	#46A, #80, #80A			Williams Production Co. LLC	23.000000%	20.125000%	
	#80A BP NON-CONSENT			BP America Production Co.	50.000000%	43.750000%	
				Sacramento Municipal Utility District	27.000000%	23.625000%	
				ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	
SF-07/8/67	T31N R5W			<u>Tract 14</u>			11.430693%
	Sec 6: ALL	2518.04		WORKING INTEREST			
	Sec 7: ALL			Williams Production Co. LLC	73.000000%	63.875000%	
	Sec 8: NW/4			Sacramento Municipal Utility District	27.000000%	23.625000%	
				ROYALTY		12.500000%	
				ORRI		0.000000%	
	T31N R6W				100.000000%	100.000000%	
	Sec 12: ALL						
	Sec 13: ALL						
	Sec 24: ALL						
	#72, #72A, #171, #171A, #171B, #171C, #154, #154A						
	#80, #80A, #149, #149A, #30, #30A, #30B, #149B						
	#125, #125E, #10, #10B, #66M, #19, #19B, #163						
	#163A, #101M						
	#30A, #72A, #149A, #154, #154A, #163, #163A, #171, #171A BP NON-CONSENT						
	#80A BP NON-CONSENT						
SF-07/8/69	T31N R5W			<u>Tract 17</u>			5.810588%
	Sec 17: ALL	1280.00		WORKING INTEREST			
	Sec 28: ALL			Williams Production Co. LLC	23.000000%	0.2012500	
	#31, #31A, #31B, #31C, #153, #153A			BP America Production Co.	50.000000%	0.4375000	
	#146, #168, #168A			Sacramento Municipal Utility District	27.000000%	0.2362500	
	#31, #153A, #168, #168A BP NON-CONSENT			ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	

SCHEDULE XXV
 TWENTY-FOURTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION ROSA UNIT AREA EFFECTIVE 9/01/00

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW/ PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
E-347-56	T31N R5W Sec 32, NW/4 #24, #24A, #24B, #24C		160.00	TRACT 25 WORKING INTEREST Williams Production Co. LLC BP America Production Co ROYALTY ORRI	86.944599% 13.053401%	76.076524% 11.423476% 12.500000% 0.000000% 100.000000%	0.726324%
E-347-48	T31N R5W Sec 32, NE/4 #26, #26A, #26B		160.00	TRACT 26 WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.000000% 100.000000% 12.500000% 0.000000% 100.000000%	87.500000% 12.500000% 0.000000% 100.000000%	0.726324%
E-347-55	T31N R5W Sec 32, S/2 #24, #24A, #24B, #24C, #26, #26A, #26B		320.00	TRACT 27 WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.000000% 100.000000% 100.000000% 100.000000%	86.625000% 12.500000% 21.875000% 100.000000%	1.452847%
SF-078773	T31N R5W Sec 33, ALL #77, #77A, #77B #147, #147A, #147A BP NON-CONSENT		640.00	TRACT 28 WORKING INTEREST Williams Production Co. LLC BP America Production Co Sacramento Municipal Utility District ROYALTY ORRI	23.000000% 50.000000% 27.000000% 100.000000%	20.125000% 43.750000% 23.625000% 12.500000% 0.000000% 100.000000%	2.905294%
SF-078772	T31N R6W Sec 1, ALL Sec 3, Lots 5,6,7,8,9, SE/4, E/2SW/4, SW/4SW/4 Sec 4, Lots 5,6,7,8,9, N/2SW/4 NW/4SE/4, SE/4SE/4 T32N R6W Sec 33, W/2 #164, #164A, #164B, #169, #169A, #60, #60A #151, #151A #60, #60A, #151A, #164, #164A, #169, #169A BP NON-CONSENT		1161.86	TRACT 29 WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.000000% 27.000000% 100.000000%	63.875000% 23.625000% 12.500000% 0.000000% 100.000000%	5.274289%

SCHEDULE XXV
 TWENTY-FOURTH PARTICIPATING AREA FOR THE MESAVEERDE FORMATION ROSA UNIT AREA EFFECTIVE 9/01/00

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-078772	T32N R6W						
	Sec 33: NE/4, W/2SE/4		1400.00	WORKING INTEREST			
	Sec 34: E/2, E/2W/2, SW/4SW/4			Williams Production Co. LLC	23.000000%	20.125000%	
	Sec 35: ALL			BP America Production Co	50.000000%	43.750000%	
	#90A, #89, #89A, #89C, #129, #129A, #91, #91A, #91B, #91C, #44, #44A, #44B			Sacramento Municipal Utility District	27.000000%	23.625000%	
	#44, #44A, #90A, #91A, #129, #129A BP NON-CONSENT			ORRI		0.000000%	
					100.000000%	100.000000%	
E-289-53	T31N R6W						
	Sec 2: Lots 6, 7, 8, S/2		346.91	TRACT 30 WORKING INTEREST			1.574806%
	#148, #148A, #148B			Williams Production Co. LLC	73.000000%	62.050000%	
	#148A BP NON-CONSENT			Sacramento Municipal Utility District	27.000000%	22.950000%	
				ROYALTY		12.500000%	
				ORRI		2.500000%	
					100.000000%	100.000000%	
Uncommitted	T31N R6W	9.35		TRACT 31			
	Sec 2: Lot 5						
	#148, #148A, #148B						
	This tract is not committed to the unit						
	#148A BP NON-CONSENT						
Uncommitted	T31N R6W	36.12		TRACT 32			
	Sec 3 & 4 a portion thereof						
	designated as Tract 37						
	This tract is not committed to the unit						
Uncommitted	T32N R6W	120.00					
	Sec 33: E/2SE/4						
	Sec 34: NW/4SW/4						
	#90, #90A						
	This tract is not committed to the unit						
	#90A SAN JUAN BASIN PROPERTIES NON-CONSENT						
SF-078765	T31N R6W						
	Sec 4: S/2SW/4, SW/4SE/4		2220.23	TRACT 33 WORKING INTEREST			10.078763%
	Sec 5: ALL			Williams Production Co. LLC	73.000000%	63.875000%	
	Sec 8: NW/4, E/2NE/4			Sacramento Municipal Utility District	27.000000%	23.625000%	
	Sec 9: ALL			ROYALTY		12.500000%	
	Sec 10: Lots 1, 2, 3, E/2E/2, NW/4			ORRI		0.000000%	
	Sec 15: Lots 1, 2, E/2SW/4, E/2				100.000000%	100.000000%	
	#12, #12A, #12B, #181, #181A						
	#60, #60A, #75, #75A						
	#35A, #35X						
	#88, #88A, #167, #167A, #167B						
	#156, #156A, #180, #180A						
	#12A, #156, #156A, #167, #167A, BP NON-CONSENT						
	#35A, #60, #80A, #75, #75A, #180, #180A, #181, #181A BP NON-CONSENT						

SCHEDULE XXV
TWENTY-FOURTH PARTICIPATING AREA FOR THE MESASVERDE FORMATION ROSA UNIT AREA EFFECTIVE 9/01/00

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW/ PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
5F-078765	T31N R6W		240.00	WORKING INTEREST			
	Sec 8: SW/4, E/2SE/4			Williams Production Co. LLC	23.000000%	20.125000%	
	#88, #88A, #167, #167A, #167B, #167, #167A, BP NON-CONSENT			BP America Production Co	50.000000%	43.750000%	
				Sacramento Municipal Utility District	27.000000%	23.825000%	
				ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	
Fee	T31N R6W		80.00	Tract 34 WORKING INTEREST			0.363162%
	Sec 8: W/2SE/4			Williams Production Co. LLC	23.000000%	20.125000%	
	#167, #167A, #167B			BP America Production Co	50.000000%	43.750000%	
	#167 & #167A BP NON-CONSENT			Sacramento Municipal Utility District	27.000000%	23.825000%	
				ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	
Fee	T31N R6W		80.00	WORKING INTEREST			0.363162%
	Sec 8: W/2NE/4			Williams Production Co. LLC	73.000000%	63.875000%	
	#167, #167A, #167B			Sacramento Municipal Utility District	27.000000%	23.825000%	
	#167 & #167A BP NON-CONSENT			ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	
Fee	T31N R6W		160.00	Tract 35 WORKING INTEREST			0.726324%
	Sec 10: W/2E/2			Williams Production Co. LLC	73.000000%	63.875000%	
	#181, #181A			Sacramento Municipal Utility District	27.000000%	23.825000%	
	#181, #181A BP NON-CONSENT			ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	
Fee	T31N R6W		161.52	Tract 36 WORKING INTEREST			0.733224%
	Sec 10: Tract 38			Williams Production Co. LLC	73.000000%	59.881900%	
	Sec 15: Tract 38			Sacramento Municipal Utility District	27.000000%	22.148100%	
	#25A, #75, #75A			ROYALTY		12.500000%	
	#25A, #75, #75A BP NON-CONSENT			ORRI		5.470000%	
					100.000000%	100.000000%	

SCHEDULE XXV
TWENTY-FOURTH PARTICIPATING AREA FOR THE MESASVERDE FORMATION ROSA UNIT AREA EFFECTIVE 9/01/00

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-078771	131N R6W						
	Sec 11: ALL		2560.00	TRACT 32 WORKING INTEREST Williams Production Co. LLC	73.000000%	63.875000%	
	Sec 14: ALL			Sacramento Municipal Utility District	27.000000%	23.625000%	
	Sec 23: ALL			ROYALTY		12.500000%	
	Sec 26: ALL			ORRI		0.000000%	
	#1E, #9, #9A, #9B, #36, #38B, #16, #16A, #16B, #16C, #20, #20A, #20B, #20C				100.000000%	100.000000%	
	#14, #14A, #21, #21A, #21B #5A, #5B, #5Y, #8, #8A, #8B, #8C #5Y, #14A, #16B, #16C, #20B, #20C, #21A, BP NON-CONSENT						
Fee	131N R6W						0.363162%
	Sec 15: Tract 39		80.00	TRACT 38 WORKING INTEREST Williams Production Co. LLC	73.000000%	63.875000%	
	Also described as the E/2NE/4 of the resurveyed tracts lying in Sec. 15			Sacramento Municipal Utility District	27.000000%	23.625000%	
	#25A			ROYALTY		12.500000%	
	#25A BP NON-CONSENT			ORRI		0.000000%	
					100.000000%	100.000000%	
Fee	131N R6W						0.363162%
	Sec 16: Tract 39		80.00	WORKING INTEREST Williams Production Co. LLC	23.000000%	20.125000%	
	Also described as SE/4NW/4 & SW/4NE/4 of the resurveyed tracts lying in Sec. 16.			BP America Production Co	50.000000%	43.750000%	
	#185, #185A, #185A BP NON-CONSENT			Sacramento Municipal Utility District	27.000000%	23.625000%	
				ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	
SF-078766	131N R6W						3.924328%
	Sec 22: E/2		864.48	TRACT 39 WORKING INTEREST Williams Production Co. LLC	73.000000%	63.875000%	
	Sec 25: ALL			Sacramento Municipal Utility District	27.000000%	23.625000%	
	#18, #18A #180, #180A, #185, #185A, #185B, #185C #160, #160A, #165, #165A BP NON-CONSENT			ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	
SF-078766	131N R6W						7.663758%
	Sec 16: Lots 1,2,3, (94.50), N/2NE/4, SW/4NW/4, N/2NW/4, W/2SW/4		1688.23	WORKING INTEREST Williams Production Co. LLC	23.000000%	20.125000%	
	Sec 17: ALL			BP America Production Co	50.000000%	43.750000%	
	Sec 21: Lots 1,2,3, W/2NW/4, S/2, Sec 22: Lot 1, SW/4, E/2NW/4			Sacramento Municipal Utility District	27.000000%	23.625000%	
	#145, #145A #138, #138A, #139, #139A, #100E, #170, #32, #32A, #32B, #32C #79, #79A, #79B #32, #32A, #139A, #170 BP NON-CONSENT			ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	

SCHEDULE XXV
TWENTY-FOURTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION ROSA UNIT AREA EFFECTIVE 9/01/00

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
E-346-20	T31N R6W Sec 16: The approximate NE/4SW/4, NW/4SE/4 Also described as the N/2NW/4 of the resurveyed tracts lying in Sec. 15, 16, 21 & 22 #185, #185A #185, #185A BP NON-CONSENT		80.00	Tract 40 WORKING INTEREST Williams Production Co. LLC J. Glenn Turner Jr LLC John L. Turner Fred E. Turner LLC Mary Francis Turner Jr Elizabeth Jeanne Turner ROYALTY ORRI	50.0000000% 10.0000000% 10.0000000% 10.0000000% 10.0000000% 10.0000000% 10.0000000%	32.812500% 6.562500% 6.562500% 6.562500% 6.562500% 6.562500% 21.875000%	0.363162%
E-346-22	T31N R6W Sec 16: The approximate SE/4SW/4, NE/4SE/4 Also described as the SW/4NW/4, NW/4NE/4 of the resurveyed tracts lying in Sec 15, 16 21 & 22 #185, #185A #185, #185A BP NON-CONSENT		80.00	Tract 40A WORKING INTEREST Williams Production Co. LLC J. Glenn Turner Jr LLC John L. Turner Fred E. Turner LLC Mary Francis Turner Jr Elizabeth Jeanne Turner ROYALTY ORRI	50.0000000% 10.0000000% 10.0000000% 10.0000000% 10.0000000% 10.0000000% 10.0000000%	32.812500% 6.562500% 6.562500% 6.562500% 6.562500% 6.562500% 21.875000%	0.363162%
E-289	T31N R6W Sec 21: 71.56 acres out of the E/2NW/4, 71.56 acres out of W/2NE/4 Sec 16: approximately 16.88 acres S/2S/2SE/4SW/4 & S/2S/2SW/4SE/4 Also described as the SW/4 of the resurveyed tracts lying in Sec. 15, 16 21 & 22 #32, #32A, #32B, #32C, #32, #32A WISER NON-CONSENT		160.00	Tract 41 WORKING INTEREST Wiser Oil Co. ROYALTY ORRI	100.0000000% 100.0000000% 100.0000000%	87.500000% 12.500000% 0.000000%	0.726324%
E-289-43	T31N R6W Sec 21: 71.56 acres out of the E/2NE/4 Sec 16: 8.44 acres in the S/2S/2SE/4SE/4 of Sec 16 Also described as the W/2SE/4 of the resurveyed tracts lying in Sec. 15, 16 21 & 22 #32, #32A, #32B, #32C #32, #32A WISER NON-CONSENT		80.00	Tract 42 WORKING INTEREST Williams Production Co. LLC BP America Production Co. Sacramento Municipal Utility District ROYALTY ORRI	23.0000000% 50.0000000% 27.0000000% 100.0000000%	19.550000% 42.500000% 22.950000% 2.500000%	0.363162%
E-289-50	T31N R6W Sec 15: 8.41 acres out of S/2S/2SW/4SW/4 Sec 22: 71.59 acres in the W/2NW/4 Also described as the E/2SE/4 of the resurveyed tracts in Sec 15, 16 21 & 22 #25A, #79, #79A, #79B, #185A #25A BP NON-CONSENT		80.00	Tract 43 WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.0000000% 100.0000000% 100.0000000%	82.500000% 12.500000% 5.000000%	0.363162%

SCHEDULE XXV
TWENTY-FOURTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION ROSA UNIT AREA EFFECTIVE 9/01/00

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
E-504-15	T32N R6W Sec 32: W/2 #150, #150A, #150B #150A BP NON-CONSENT		320.00	Tract 44 WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.0000000%	84.5000000% 12.5000000% 3.0000000%	1.452647%
E-504-19	T32N R6W Sec 32: E/2 #29, #29B, #29M #29M BP NON-CONSENT		320.00	Tract 45 WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.0000000%	65.6250000% 12.5000000% 21.8750000%	1.452646%
Fee	T32N R6W Sec 34: W/2NW/4 #129, #129A #129, #129A BP NON-CONSENT		80.00	Tract 46 WORKING INTEREST Williams Production Co. LLC BP America Production Co. Sacramento Municipal Utility District ROYALTY ORRI	23.0000000% 50.0000000% 27.0000000%	20.1250000% 43.7500000% 23.6250000% 12.5000000% 0.0000000%	0.363162%
E-346-30	T32N R6W Sec 36: W/2 #152, #152A, #152B #152A BP NON-CONSENT		320.00	Tract 47 WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.0000000% 27.0000000%	63.8750000% 23.6250000% 12.5000000% 0.0000000%	1.452646%
E-346-33	T32N R6W Sec 36: E/2 #34, #34A, #34B, #34C #34A BP NON-CONSENT		320.00	Tract 48 WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.0000000%	65.6250000% 12.5000000% 21.8750000%	1.452646%
		167.47	22028.75		100.0000000%	100.0000000%	100.0000000%

UNIT AREA EXPANSION SCHEDULE

SCHEDULE XXV
TWENTY-FOURTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION
ROSA UNIT AREA

RECAPITULATION

Description of lands in Mesaverde Participating Areas

Township 31 North, Range 5 West, N.M.P.M.

Sections 5, 6, 7, 8, 17, 18, 19, 20, 28, 29, 30, 31, 32, 33 ALL

Township 31 North, Range 6 West, N.M.P.M.

Sections 1, *2, *3, *4, 5, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 21, 22, 23, 24, 25, 26: ALL

Township 32 North, Range 6 West, N.M.P.M.

Sections 32, *33, *34, 35, 36: ALL

Total number of acres in Participating Area:	22,196.22
Total number of acres no committed to Participating Area:	167.47
Total number of acres committed to Participating Area:	22,028.75

*Portions of this acreage not committed to unit.

Effective September 1, 2000

SCHEDULE XXVI

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-078763	T31N R5W			Tract 13			2.329021%
	Sec 5: ALL		527.96	WORKING INTEREST			
	Sec 8: NE/4			Williams Production Co. LLC	73.0000000%	63.8750000%	
	#41, #41A, #41B, #46A			Sacramento Municipal Utility District	27.0000000%	23.8250000%	
				ROYALTY		12.5000000%	
				ORRI	0.0000000%	0.0000000%	
					100.0000000%	100.0000000%	
	T31N R5W						1.411635%
	Sec 8: S/2		320.00	WORKING INTEREST			
	#46A, #80, #80A			Williams Production Co. LLC	23.0000000%	20.1250000%	
	#80A BP NON-CONSENT			BP America Production Co.	50.0000000%	43.7500000%	
				Sacramento Municipal Utility District	27.0000000%	23.6250000%	
				ROYALTY		12.5000000%	
				ORRI	0.0000000%	0.0000000%	
					100.0000000%	100.0000000%	
SF-078767	T31N R5W			Tract 14			11.107979%
	Sec 6: ALL		2518.04	WORKING INTEREST			
	Sec 7: ALL			Williams Production Co. LLC	73.0000000%	63.8750000%	
	Sec 8: NW/4			Sacramento Municipal Utility District	27.0000000%	23.6250000%	
				ROYALTY		12.5000000%	
				ORRI	0.0000000%	0.0000000%	
					100.0000000%	100.0000000%	
	T31N R6W						
	Sec 12: ALL						
	Sec 13: ALL						
	Sec 24: ALL						
	#72, #72A, #171, #171A, #171B, #171C, #154, #154A						
	#80, #80A, #149, #149A, #30, #30A, #30B, #149B						
	#125, #125E, #10, #10B, #66M, #19, #19B, #163						
	#163A, #101M						
	#30A, #72A, #149A, #154, #154A, #163, #163A, #171, #171A BP NON-CONSENT						
	#80A BP NON-CONSENT						
SF-078770	T31N R5W			Tract 15			1.411635%
	Sec 27: S/2		320.00	WORKING INTEREST			
	#6Y			Williams Production Co. LLC	23.0000000%	0.20125000	
	#6Y BP NON-CONSENT			BP America Production Co.	50.0000000%	0.43750000	
				Sacramento Municipal Utility District	27.0000000%	0.23625000	
				ROYALTY		12.5000000%	
				ORRI	0.0000000%	0.0000000%	
					100.0000000%	100.0000000%	

SCHEDULE XXVI
 TWENTY-FIFTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION ROSA UNIT AREA EFFECTIVE 11/01/00

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-078769	T31N R5W						
	Sec 17: ALL		1280.00	TRACT 17 WORKING INTEREST			5.646540%
	Sec 28: ALL			Williams Production Co. LLC	23.000000%	0.20125000	
	#31, #31A, #31B, #31C, #153, #153A			BP America Production Co.	50.000000%	0.43750000	
	#146, #168, #168A			Sacramento Municipal Utility District	27.000000%	0.23825000	
	#31, #153A, #168, #168A BP NON-CONSENT			ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	
SF-078764	T31N R5W						9.648966%
	Sec 18: ALL		2187.30	TRACT 18 WORKING INTEREST			
	Sec 19: Lots 1,4, E/2E/2, NW/4NE/4, SW/4SE/4,			Williams Production Co. LLC	73.000000%	63.875000%	
	Sec 20: SE/4			Sacramento Municipal Utility District	27.000000%	23.625000%	
	Sec 29: N/2NE/4, SW/4, W/2SE/4			ROYALTY		12.500000%	
	Sec 30: ALL			ORRI		0.000000%	
	Sec 31: ALL				100.000000%	100.000000%	
	#22, #22A, #182, #182A, #183, #183A, #17, #17A, #17B, #23, #23B, #64M, #162, #162A, #166, #166A, #15, #15A						
	#13, #13A, #137, #137A, #137B, #159, #159A						
	#13A, #17A, #137A, #159A, #162, #162A, #166, #166A BP NON-CONSENT						
	#22A, #182, #182A, #183, #183A BP NON-CONSENT						
SF-078764	T31N R5W						1.411635%
	Sec 20: N/2		320.00	WORKING INTEREST			
	#85, #85A			Williams Production Co. LLC	23.000000%	20.125000%	
	#85A BP NON-CONSENT			BP America Production Co.	50.000000%	43.750000%	
				Sacramento Municipal Utility District	27.000000%	23.625000%	
				ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	
Fee	T31N R5W		152.22	TRACT 19 WORKING INTEREST			0.671497%
	Sec 19: Lots 2,3, SW/4NE/4, NW/4SE/4			Williams Production Co. LLC	73.000000%	63.875000%	
	#183, #183A, #159, #159A			Sacramento Municipal Utility District	27.000000%	23.625000%	
	#159A, #183, #183A BP NON-CONSENT			ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	100.000000%	
Fee	T31N R5W			TRACT 20 WORKING INTEREST			1.411635%
	Sec 20: SW/4		320.00	Williams Production Co. LLC	73.000000%	63.875000%	
	Sec 29: NW/4			Sacramento Municipal Utility District	27.000000%	23.625000%	
	#17, #17A, #17B, #64M, #23, #23B			ROYALTY		12.500000%	
	#17A BP NON-CONSENT			ORRI		0.000000%	
					100.000000%	100.000000%	

SCHEDULE XXVI
TWENTY-FIFTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION ROSA UNIT AREA EFFECTIVE 11/01/00

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-079165	T31N R5W Sec 29: S2/NE4, E2/SE4 #15, #15A		160.00	<u>Tract 21</u> WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.0000000%	63.8750000%	0.705817%
						23.6250000%	
						12.5000000%	
						0.0000000%	
						100.0000000%	
E-347-56	T31N R5W Sec 32: NW/4 #24, #24A, #24B, #24C		160.00	<u>Tract 25</u> WORKING INTEREST Williams Production Co. LLC BP America Production Co ROYALTY ORRI	86.944599%	76.076524%	0.705817%
					13.055401%	11.423476%	
						12.5000000%	
						0.0000000%	
					100.0000000%	100.0000000%	
E-347-48	T31N R5W Sec 32: NE/4 #26, #26A, #26B		160.00	<u>Tract 26</u> WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.0000000%	87.5000000%	0.705817%
						12.5000000%	
						0.0000000%	
					100.0000000%	100.0000000%	
E-347-55	T31N R5W Sec 32: S/2 #24, #24A, #24B, #24C, #26, #26A, #26B		320.00	<u>Tract 27</u> WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.0000000%	65.6250000%	1.411635%
						12.5000000%	
						21.8750000%	
					100.0000000%	100.0000000%	
SF-078773	T31N R5W Sec 33: ALL Sec 34: W/2 #77, #77A, #77B, #147, #147A, #188, #188A #147A, #188 BP NON-CONSENT		960.00	<u>Tract 28</u> WORKING INTEREST Williams Production Co. LLC BP America Production Co Sacramento Municipal Utility District ROYALTY ORRI	23.0000000%	20.1250000%	4.234905%
						50.0000000%	
						27.0000000%	
						12.5000000%	
						0.0000000%	
					100.0000000%	100.0000000%	
SF-078772	T31N R6W Sec 1: ALL Sec 3: Lots 5,6,7,8,9, SE/4, E/2SW/4, SW/4SW/4 Sec 4: Lots 5,6,7,8,9, N/2SW/4 NW/4SE/4, SE/4SE/4 T32N R6W Sec 33: W/2 #184, #184A, #184B, #189, #189A, #60, #60A #151, #151A #60, #60A, #151A, #184, #184A, #189, #189A BP NON-CONSENT		1161.86	<u>Tract 29</u> WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.0000000%	63.8750000%	5.125382%
						27.0000000%	
						12.5000000%	
						0.0000000%	
					100.0000000%	100.0000000%	

SCHEDULE XXVI
 TWENTY-FIFTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION ROSA UNIT AREA EFFECTIVE 11/01/00

SERIAL NUMBER	DESCRIPTION	NON- COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GW PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-078772	T32N R6W						
	Sec 33: NE/4, W/2SE/4		1400.00	WORKING INTEREST			
	Sec 34: E/2, E/2W/2, SW/4SW/4			Williams Production Co. LLC	23.000000%	20.125000%	
	Sec 35: ALL			BP America Production Co	50.000000%	43.750000%	
	#90A, #89, #89A, #89C, #129, #129A,			Sacramento Municipal Utility District	27.000000%	23.625000%	
	#91, #91A, #91B, #91C, #44, #44A, #44B			ROYALTY		12.500000%	
	#44, #44A, #90A, #91A, #129, #129A BP NON-CONSENT			ORRI	100.000000%	0.000000%	
						100.000000%	
E-289-53	T31N R6W						
	Sec 2: Lots 6, 7, 8, S/2		346.91	TRACT 30 WORKING INTEREST			1.530345%
	#148, #148A, #148B			Williams Production Co. LLC	73.000000%	62.050000%	
	#148A BP NON-CONSENT			Sacramento Municipal Utility District	27.000000%	22.850000%	
				ROYALTY		12.500000%	
				ORRI		2.500000%	
					100.000000%	100.000000%	
Uncommitted	T31N R6W	9.35		TRACT 31			
	Sec 2: Lot 5,						
	#148, #148A, #148B						
	This tract is not committed to the unit						
	#148A BP NON-CONSENT						
Uncommitted	T31N R6W	38.12		TRACT 32			
	Sec 3 & 4 a portion thereof						
	designated as Tract 37						
	This tract is not committed to the unit						
Uncommitted	T32N R6W	120.00					
	Sec 33: E/2SE/4						
	Sec 34: NW/4SW/4						
	#90, #90A						
	This tract is not committed to the unit						
	#90A SAN JUAN BASIN PROPERTIES NON-CONSENT						
SF-078765	T31N R6W			TRACT 33			9.794232%
	Sec 4: S/2SW/4, SW/4SE/4		2220.23	WORKING INTEREST			
	Sec 5: ALL			Williams Production Co. LLC	73.000000%	63.875000%	
	Sec 8: NW/4, E/2NE/4			Sacramento Municipal Utility District	27.000000%	23.625000%	
	Sec 9: ALL			ROYALTY		12.500000%	
	Sec 10: Lots 1, 2, 3, E/2E/2, NW/4			ORRI		0.000000%	
	Sec 15: Lots 1, 2, E/2SW/4, E/2				100.000000%	100.000000%	
	#12, #12A, #12B, #181, #181A						
	#80, #80A, #75, #75A						
	#35A, #35X						
	#88, #88A, #167, #167A, #167B						
	#156, #156A, #180, #180A						
	#12A, #156, #156A, #167, #167A, BP NON-CONSENT						
	#35A, #60, #60A, #75, #75A, #180, #180A, #181, #181A BP NON-CONSENT						

SCHEDULE XXVI

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
ST-078765	T31N R6W Sec 8: SW/4, E/2SE/4 #8B, #8BA, #167, #167A, #167B, #167, #167A, BP NON-CONSENT		240.00	WORKING INTEREST Williams Production Co. LLC BP America Production Co. Sacramento Municipal Utility District ROYALTY ORRI			1.058726%
					23.0000000%	20.125000%	
					50.0000000%	43.750000%	
					27.0000000%	23.625000%	
						12.500000%	
					100.0000000%	100.000000%	
Fee	T31N R6W Sec 8 : W/2SE/4 #167, #167A, #167B #167 & #167A BP NON-CONSENT		80.00	Tract 34 WORKING INTEREST Williams Production Co. LLC BP America Production Co. Sacramento Municipal Utility District ROYALTY ORRI			0.352909%
					23.0000000%	20.125000%	
					50.0000000%	43.750000%	
					27.0000000%	23.625000%	
						12.500000%	
						0.000000%	
					100.0000000%	100.000000%	
Fee	T31N R6W Sec 8 : W/2NE/4 #167, #167A, #167B #167 & #167A BP NON-CONSENT		80.00	WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI			0.352909%
					73.0000000%	63.875000%	
					27.0000000%	23.625000%	
						12.500000%	
						0.000000%	
					100.0000000%	100.000000%	
Fee	T31N R6W Sec 10: W/2E/2 #181, #181A #181, #181A BP NON-CONSENT		160.00	Tract 35 WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI			0.705817%
					73.0000000%	63.875000%	
					27.0000000%	23.625000%	
						12.500000%	
						0.000000%	
					100.0000000%	100.000000%	
Fee	T31N R6W Sec 10: Tract 38 Sec 15: Tract 38 #25A, #75, #75A #25A, #75, #75A BP NON-CONSENT		161.52	Tract 36 WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI			0.712523%
					73.0000000%	59.881900%	
					27.0000000%	22.148100%	
						12.500000%	
						5.470000%	
					100.0000000%	100.000000%	

SCHEDULE XXVI
TWENTY-FIFTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION ROSA UNIT AREA EFFECTIVE 11/01/00

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	P.A. ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-078766	T31N R6W Sec 11: ALL Sec 14: ALL Sec 23: ALL Sec 28: ALL #1E, #9, #9A, #9B, #36, #36B, #16, #16A, #16B, #16C, #20, #20A, #20B, #20C #14, #14A, #21, #21A, #21B #5A, #5B, #5Y, #8, #8A, #8B, #8C #5Y, #14A, #16B, #16C, #20B, #20C, #21A, BP NON-CONSENT		2560.00	TRACT OWNERSHIP <u>Tract 3Z</u> WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.000000% 27.000000%	63.875000% 23.625000% 12.500000% 0.000000% 100.000000%	11.283080%
Fee	T31N R6W Sec 15: Tract 39 Also described as the E/2NE¼ of the resurveyed tracts lying in Sec. 15		80.00	<u>Tract 3J</u> WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.000000% 27.000000%	63.875000% 23.625000% 12.500000% 0.000000% 100.000000%	0.352909%
Fee	T31N R6W Sec 16: Tract 39 Also described as SE¼NW¼ & SW¼ANE¼ of the resurveyed tracts lying in Sec. 16 #185, #185A. #185A BP NON-CONSENT		80.00	WORKING INTEREST Williams Production Co. LLC BP America Production Co Sacramento Municipal Utility District ROYALTY ORRI	23.000000% 50.000000% 27.000000%	20.125000% 43.750000% 23.625000% 12.500000% 0.000000% 100.000000%	0.352909%
SF-078766	T31N R6W Sec 22: E/2 Sec 25: ALL #18, #18A #18O, #18OA, #165, #16SA, #16SB, #16SC #18O, #18OA, #16S, #16SA BP NON-CONSENT		864.48	<u>Tract 3G</u> WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.000000% 27.000000%	63.875000% 23.625000% 12.500000% 0.000000% 100.000000%	3.913532%
SF-078766	T31N R6W Sec 16: Lots 1,2,3, (94.50), N½NE¼, SW¼NW¼, W½SW¼ Sec 17: ALL Sec 21: lots 1,2,3, W½NW¼, S½, Sec 22: Lot 1, SW¼, E½NW¼ #145, #145A #136, #136A, #139, #139A, #10OE, #17O, #32, #32A, #32B, #32C #79, #79A, #79B #32, #32A, #139A, #17O BP NON-CONSENT		1688.23	WORKING INTEREST Williams Production Co. LLC BP America Production Co Sacramento Municipal Utility District ROYALTY ORRI	23.000000% 50.000000% 27.000000%	20.125000% 43.750000% 23.625000% 12.500000% 0.000000% 100.000000%	7.447389%

SCHEDULE XXVI
TWENTY-FIFTH PARTICIPATING AREA FOR THE MESAVEDE FORMATION ROSA UNIT AREA EFFECTIVE 11/01/00

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
E-346-20	T31N R6W Sec 16: The approximate NE/4SW/4, NW/4SE/4 Also described as the N/2NW/4 of the resurveyed tracts lying in Sec. 15, 16, 21 & 22 #185, #185A #185, #185A BP NON-CONSENT		80.00	TRACT 40 WORKING INTEREST Williams Production Co. LLC J. Glenn Turner Jr LLC John L. Turner Fred E. Turner LLC Mary Francis Turner Jr Elizabeth Jeanne Turner ROYALTY ORRI	50.000000% 10.000000% 10.000000% 10.000000% 10.000000% 10.000000% 10.000000%	32.812500% 6.562500% 6.562500% 6.562500% 6.562500% 6.562500% 12.500000%	0.352909%
E-346-22	T31N R6W Sec 16: The approximate SE/4SW/4, NE/4SE/4 Also described as the SW/4NW/4, NW/4NE/4 of the resurveyed tracts lying in Sec. 15, 16 21 & 22 #185, #185A #185, #185A BP NON-CONSENT		80.00	TRACT 40A WORKING INTEREST Williams Production Co. LLC J. Glenn Turner Jr LLC John L. Turner Fred E. Turner LLC Mary Francis Turner Jr Elizabeth Jeanne Turner ROYALTY ORRI	50.000000% 10.000000% 10.000000% 10.000000% 10.000000% 10.000000% 10.000000%	32.812500% 6.562500% 6.562500% 6.562500% 6.562500% 6.562500% 12.500000%	0.352909%
E-289	T31N R6W Sec 21: 71.56 acres out of the E/2NW/4, 71.56 acres out of W/2NE/4 Sec 16: approximately 16.88 acres S/2S/2SE/4SW/4 & S/2S/2SW/4SE/4 Also described as the SW/4 of the resurveyed tracts lying in Sec. 15, 16 21 & 22 #32, #32A, #32B, #32C. #32, #32A WISER NON-CONSENT		160.00	TRACT 41 WORKING INTEREST Wiser Oil Co. ROYALTY ORRI	100.000000% 100.000000% 100.000000%	87.500000% 12.500000% 0.000000%	0.705817%
E-289-43	T31N R6W Sec 21: 71.56 acres out of the E/2NE/4 Sec 16: 8.44 acres in the S/2S/2SE/4SE/4 of Sec 16 Also described as the W/2SE/4 of the resurveyed tracts lying in Sec. 15, 16 21 & 22 #32, #32A, #32B, #32C #32, #32A WISER NON-CONSENT		80.00	TRACT 42 WORKING INTEREST Williams Production Co. LLC BP America Production Co. Sacramento Municipal Utility District ROYALTY ORRI	23.000000% 50.000000% 27.000000% 100.000000%	19.550000% 42.500000% 22.950000% 12.500000%	0.352909%
E-289-50	T31N R6W Sec 15: 8.41 acres out of S/2S/2SW/4SW/4 Sec 22: 71.59 acres in the W/2NW/4 Also described as the E/2SE/4 of the resurveyed tracts lying in Sec. 15, 16 21 & 22 #25A, #79, #79A, #79B, #185A #25A BP NON-CONSENT		80.00	TRACT 43 WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.000000% 100.000000% 100.000000%	82.500000% 12.500000% 5.000000%	0.352909%

SCHEDULE XXVI
TWENTY-FIFTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION ROSA UNIT AREA EFFECTIVE 11/01/00

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
E-504-15	T32N R6W Sec 32. W/2 #150, #150A, #150B #150A BP NON-CONSENT		320.00	<u>Tract 44</u> WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.000000%	84.500000% 12.500000% 3.000000%	1.411635%
E-504-19	T32N R6W Sec 32. E/2 #29, #29B, #29M #29M BP NON-CONSENT		320.00	<u>Tract 45</u> WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.000000%	65.625000% 12.500000% 21.875000%	1.411635%
Fee	T32N R6W Sec 34. W/2NW/4 #129, #129A #129, #129A BP NON-CONSENT		80.00	<u>Tract 46</u> WORKING INTEREST Williams Production Co. LLC BP America Production Co. Sacramento Municipal Utility District ROYALTY ORRI	23.000000% 50.000000% 27.000000%	20.125000% 43.750000% 23.625000%	0.352909%
E-346-30	T32N R6W Sec 36. W/2 #152, #152A, #152B #152A BP NON-CONSENT		320.00	<u>Tract 47</u> WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.000000% 27.000000%	63.875000% 23.625000% 12.500000%	1.411635%
E-346-33	T32N R6W Sec 36. E/2 #34, #34A, #34B, #34C #34A BP NON-CONSENT		320.00	<u>Tract 48</u> WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.000000%	65.625000% 12.500000% 21.875000%	1.411634%
		167.47	22666.75		100.000000%	100.000000%	100.000000%

UNIT AREA EXPANSION SCHEDULE

SCHEDULE XXVI
TWENTY-FIFTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION
ROSA UNIT AREA

R E C A P I T U L A T I O N

Description of lands in Mesaverde Participating Areas

Township 31 North, Range 5 West, N.M.P.M.

Sections 5, 6, 7, 8, 17, 18, 19, 20, 28, 29, 30, 31, 32, 33 ALL

Section 27: S/2

Section 34: W/2

Township 31 North, Range 6 West, N.M.P.M.

Sections 1, *2, *3, *4, 5, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 21, 22, 23, 24, 25, 26: ALL

Township 32 North, Range 6 West, N.M.P.M.

Sections 32, *33, *34, 35, 36: ALL

Total number of acres in Participating Area:	22,836.22
Total number of acres no committed to Participating Area:	167.47
Total number of acres committed to Participating Area:	22,668.75

*Portions of this acreage not committed to unit.

Effective November 1, 2000

SCHEDULE XXVIII
THE MESAS VERDES FLOOD CONTROL DISTRICT

SERIAL NUMBER	DESCRIPTION	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-078763	T31N R5W Sec 5: ALL Sec 8: NE/4 #41, #41A, #41B, #46A	527.96	Tract 13 WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.0000000%	63.8750000%	2.268966%
				100.0000000%	100.0000000%	
	T31N R5W Sec 8: S/2 #46A, #80, #80A #80A BP NON-CONSENT	320.00	WORKING INTEREST Williams Production Co. LLC BP America Production Co. Sacramento Municipal Utility District ROYALTY ORRI	23.0000000%	20.1250000%	1.375235%
				50.0000000%	43.7500000%	
				27.0000000%	23.6250000%	
					12.5000000%	
					0.0000000%	
				100.0000000%	100.0000000%	
SF-078767	T31N R5W Sec 6: ALL Sec 7: ALL Sec 8: NW/4	2518.04	Tract 14 WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.0000000%	63.8750000%	10.821553%
				27.0000000%	23.6250000%	
					12.5000000%	
					0.0000000%	
	T31N R6W Sec 12: ALL Sec 13: ALL Sec 24: ALL			100.0000000%	100.0000000%	
	#72, #72A, #171, #171A, #171B, #171C, #154, #154A					
	#80, #80A, #149, #149A, #30, #30A, #30B, #149B					
	#125, #125E, #10, #10B, #66M, #19, #19B, #163					
	#163A, #101M					
	#30A, #72A, #149A, #154, #154A, #163, #163A, #171, #171A BP NON-CONSENT					
	#80A BP NON-CONSENT					
SF-078770	T31N R5W Sec 27: S/2	320.00	Tract 16 WORKING INTEREST Williams Production Co. LLC BP America Production Co. Sacramento Municipal Utility District ROYALTY ORRI	23.0000000%	0.20125000	1.375235%
				50.0000000%	0.43750000	
				27.0000000%	0.23625000	
					12.5000000%	
					0.0000000%	
				100.0000000%	100.0000000%	

SCHEDULE XXVII
 TWENTY-SIXTH PARTICIPATING AREA FOR THE MESASVERDE FORMATION ROSA UNIT AREA EFFECTIVE 9/01/01

SERIAL NUMBER	DESCRIPTION	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-078789	T31N R5W					
	Sec 17: ALL	1600.00	Tract 17 WORKING INTEREST			6.876175%
	Sec 21: W/2		Williams Production Co. LLC	23.000000%	0.20125000	
	Sec 28: ALL		BP America Production Co.	50.000000%	0.43750000	
	#31, #31A, #31B, #31C, #153, #153A, #187		Sacramento Municipal Utility District	27.000000%	0.23625000	
	#146, #168, #168A		ROYALTY		12.500000%	
	#31, #153A, #168, #168A BP NON-CONSENT		ORRI	100.000000%	0.000000%	
				100.000000%	100.000000%	
SF-078764	T31N R5W					
	Sec 18: ALL	2187.30	Tract 18 WORKING INTEREST			9.400161%
	Sec 19: Lots 1,4, E/2E/2, NW/4NE/4, SW/4SE/4,		Williams Production Co. LLC	73.000000%	63.875000%	
	Sec 20: SE/4		Sacramento Municipal Utility District	27.000000%	23.625000%	
	Sec 29: N/2NE/4, SW/4, W/2SE/4		ROYALTY		12.500000%	
	Sec 30: ALL		ORRI	100.000000%	0.000000%	
	Sec 31: ALL			100.000000%	100.000000%	
	#22, #22A, #182, #182A, #183, #183A, #17, #17A, #17B, #23, #23B, #64M, #162, #162A, #166, #166A, #15, #15A					
	#13, #13A, #137, #137A, #137B, #159, #159A					
	#13A, #17A, #137A, #159A, #162, #162A, #166, #166A BP NON-CONSENT					
	#22A, #182, #182A, #183, #183A BP NON-CONSENT					
SF-078764	T31N R5W					
	Sec 20: N/2	320.00	WORKING INTEREST			1.375235%
	#85, #85A		Williams Production Co. LLC	23.000000%	20.125000%	
	#85A BP NON-CONSENT		BP America Production Co.	50.000000%	43.750000%	
			Sacramento Municipal Utility District	27.000000%	23.625000%	
			ROYALTY		12.500000%	
			ORRI	100.000000%	0.000000%	
				100.000000%	100.000000%	
Fee	T31N R5W	152.22	Tract 19 WORKING INTEREST			0.654182%
	Sec 19: Lots 2,3, SW/4NE/4, NW/4SE/4		WORKING INTEREST			
	#183, #183A, #159, #159A		Williams Production Co. LLC	73.000000%	63.875000%	
	#159A, #183, #183A BP NON-CONSENT		Sacramento Municipal Utility District	27.000000%	23.625000%	
			ROYALTY		12.500000%	
			ORRI	100.000000%	0.000000%	
				100.000000%	100.000000%	
Fee	T31N R5W					
	Sec 20: SW/4	320.00	Tract 20 WORKING INTEREST			1.375235%
	Sec 29: NW/4		Williams Production Co. LLC	73.000000%	63.875000%	
	#17, #17A, #17B, #64M, #23, #23B		Sacramento Municipal Utility District	27.000000%	23.625000%	
	#17A BP NON-CONSENT		ROYALTY		12.500000%	
			ORRI	100.000000%	0.000000%	
				100.000000%	100.000000%	

SCHEDULE XXVII
TWENTY-SIXTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION ROSA UNIT AREA EFFECTIVE 9/01/01

SERIAL NUMBER	DESCRIPTION	PA ACRES	TRACT OWNERSHIP	GW PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-079165	T31N R5W Sec 29: S2NE/4, E2SE/4 #15, #15A	160.00	TRACT 21 WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.0000000% 63.8750000% 23.6250000% 12.5000000% 0.0000000%		0.667618%
E-347-56	T31N R5W Sec 32: NW/4 #24, #24A, #24B, #24C	160.00	TRACT 25 WORKING INTEREST Williams Production Co. LLC BP America Production Co ROYALTY ORRI	86.944599% 13.055401% 12.500000% 0.000000%	76.076524% 11.423476% 12.500000% 0.000000%	0.667618%
E-347-48	T31N R5W Sec 32: NE/4 #26, #26A, #26B	160.00	TRACT 26 WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.000000% 100.000000% 100.000000%	87.500000% 12.500000% 0.000000%	0.667618%
E-347-55	T31N R5W Sec 32: S/2 #24, #24A, #24B, #24C, #26, #26A, #26B	320.00	TRACT 27 WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.000000% 100.000000% 100.000000%	65.625000% 12.500000% 21.875000%	1.375235%
SF-078773	T31N R5W Sec 33: ALL Sec 34: W/2, SE/4, N/2NE/4, SE/4NE/4 not including SW/4NE/4 where #184A (is non-commercial) #77, #77A, #77B #147, #147A, #188, #184, #188A #147A, #188 BP NON-CONSENT	1240.00	TRACT 28 WORKING INTEREST Williams Production Co. LLC BP America Production Co Sacramento Municipal Utility District ROYALTY ORRI	23.0000000% 50.0000000% 27.0000000% 12.5000000% 0.0000000%	20.1250000% 43.7500000% 23.6250000% 12.5000000% 0.0000000%	5.329036%
SF-078772	T31N R6W Sec 1: ALL Sec 3: Lots 5,6,7,8,9, SE/4, E2SW/4, SW/4SW/4 Sec 4: Lots 5,6,7,8,9, N2SW/4 NW/4SE/4, SE/4SE/4 T32N R6W Sec 33: W/2 #164, #164A, #164B, #169, #169A, #80, #80A #151, #151A #80, #80A, #151A, #164, #164A, #169, #169A BP NON-CONSENT	1161.86	TRACT 29 WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.0000000% 27.0000000% 12.5000000% 0.0000000%	63.8750000% 23.6250000% 12.5000000% 0.0000000%	4.993221%

EFFECTIVE 9/01/01

SCHEDULE XXVII
 TWENTY-SIXTH PARTICIPATING AREA FOR THE MESASVERDE FORMATION ROSA UNIT AREA EFFECTIVE 9/01/01

SERIAL NUMBER	DESCRIPTION	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-078772	T32N R6W					
	Sec 33: NE/4, W/2SE/4	1400.00	WORKING INTEREST			6.016653%
	Sec 34: E/2, E/2W/2, SW/4SW/4		Williams Production Co. LLC	23.0000000%	20.125000%	
	Sec 35: ALL		BP America Production Co	50.0000000%	43.7500000%	
	#90A, #89, #99A, #99C, #129, #129A,		Sacramento Municipal Utility District	27.0000000%	23.6250000%	
	#91, #91A, #91B, #91C, #44, #44A, #44B		ROYALTY		12.5000000%	
	#44, #44A, #90A, #91A, #129, #129A BP NON-CONSENT		ORRI	100.0000000%	0.0000000%	
					100.0000000%	
E-289-53	T31N R6W					1.490884%
	Sec 2: Lots 6, 7, 8, S/2	346.91	Tract 30 WORKING INTEREST			
	#148, #148A, #148B		Williams Production Co. LLC	73.0000000%	62.0500000%	
	#148A BP NON-CONSENT		Sacramento Municipal Utility District	27.0000000%	22.9500000%	
			ROYALTY		12.5000000%	
			ORRI	100.0000000%	2.5000000%	
					100.0000000%	
Uncommitted	T31N R6W					
	Sec 2: Lot 5,		Tract 31			
	#148, #148A, #148B					
	This tract is not committed to the unit					
	#148A BP NON-CONSENT					
Uncommitted	T31N R6W					
	Sec 3 & 4 a portion thereof		Tract 32			
	designated as Tract 37					
	This tract is not committed to the unit					
Uncommitted	T32N R6W					
	Sec 33: E/2SE/4					
	Sec 34: NW/4SW/4					
	#90, #90A					
	This tract is not committed to the unit					
	#90A SAN JUAN BASIN PROPERTIES NON-CONSENT					
SF-078765	T31N R6W					9.541681%
	Sec 4: S/2SW/4, SW/4SE/4	2220.23	Tract 33 WORKING INTEREST			
	Sec 5: ALL		Williams Production Co. LLC	73.0000000%	63.8750000%	
	Sec 8: NW/4, E/2NE/4		Sacramento Municipal Utility District	27.0000000%	23.6250000%	
	Sec 9: ALL		ROYALTY		12.5000000%	
	Sec 10: Lots 1, 2, 3, E/2E/2, NW/4		ORRI	100.0000000%	0.0000000%	
	Sec 15: Lots 1, 2, E/2SW/4, E/2				100.0000000%	
	#12, #12A, #12B, #181, #181A					
	#80, #60A, #75, #75A					
	#35A, #35X					
	#88, #88A, #167, #167A, #167B					
	#156, #156A, #180, #180A					
	#12A, #156, #156A, #167, #167A, BP NON-CONSENT					
	#35A, #80, #60A, #75, #75A, #180, #180A, #181, #181A BP NON-CONSENT					

EFFECTIVE 9/01/01

SCHEDULE XXVII

[illegible]

SCHEDULE XXVII

SERIAL NUMBER	DESCRIPTION	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-078771	T31N R6W					
	Sec 11: ALL	2560.00	WORKING INTEREST <u>Tract 37</u> Williams Production Co. LLC	73.000000%	63.875000%	11.001860%
	Sec 14: ALL		Sacramento Municipal Utility District	27.000000%	23.625000%	
	Sec 23: ALL		ROYALTY		12.500000%	
	Sec 26: ALL		ORRI		0.000000%	
	#1E, #9, #9A, #9B, #36, #36B, #16, #16A, #16B, #16C, #20, #20A, #20B, #20C			100.000000%	100.000000%	
	#14, #14A, #21, #21A, #21B					
	#5A, #5B, #5Y, #8, #8A, #8B, #8C					
	#5Y, #14A, #16B, #16C, #20B, #20C, #21A, BP NON-CONSENT					
Fee	T31N R6W					0.343809%
	Sec 15: Tract 39	80.00	WORKING INTEREST <u>Tract 38</u> Williams Production Co. LLC	73.000000%	63.875000%	
	Also described as the E/2NE/4 of the resurveyed tracts lying in Sec. 15		Sacramento Municipal Utility District	27.000000%	23.625000%	
	#25A		ROYALTY		12.500000%	
	#25A BP NON-CONSENT		ORRI		0.000000%	
				100.000000%	100.000000%	
Fee	T31N R6W					0.343809%
	Sec 16: Tract 39	80.00	WORKING INTEREST Williams Production Co. LLC	23.000000%	20.125000%	
	Also described as SE/4NW/4 & SW/4NE/4 of the resurveyed tracts lying in Sec. 16,		BP America Production Co	50.000000%	43.750000%	
	#185, #185A,		Sacramento Municipal Utility District	27.000000%	23.625000%	
	#185A BP NON-CONSENT		ROYALTY		12.500000%	
			ORRI		0.000000%	
				100.000000%	100.000000%	
						3.715197%
SF-078766	T31N R6W					
	Sec 22: E/2	864.48	WORKING INTEREST <u>Tract 39</u> Williams Production Co. LLC	73.000000%	63.875000%	
	Sec 25: ALL		Sacramento Municipal Utility District	27.000000%	23.625000%	
	#18, #18A		ROYALTY		12.500000%	
	#160, #160A, #185, #185A, #165B, #165C		ORRI		0.000000%	
	#160, #160A, #165, #165A BP NON-CONSENT			100.000000%	100.000000%	
						7.255353%
SF-078766	T31N R6W					
	Sec 16: Lots 1,2,3, (94.50), N/2NE/4, SW/4NW/4, N/2NW/4, W/2SW/4	1688.23	WORKING INTEREST Williams Production Co. LLC	23.000000%	20.125000%	
	Sec 17: ALL		BP America Production Co	50.000000%	43.750000%	
	Sec 21: Lots 1,2,3, W/2NW/4, S/2,		Sacramento Municipal Utility District	27.000000%	23.625000%	
	Sec 22: Lot 1, SW/4, E/2NW/4		ROYALTY		12.500000%	
	#145, #145A		ORRI		0.000000%	
	#138, #138A, #139, #139A,			100.000000%	100.000000%	
	#100E, #170, #32, #32A, #32B, #32C					
	#79, #79A, #79B					

SCHEDULE XXVII
TWENTY-SIXTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION ROSA UNIT AREA EFFECTIVE 9/01/01

SERIAL NUMBER	DESCRIPTION	PA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
E-346-20	T31N R6W Sec 16. The approximate NE/4SW/4, NW/4SE/4 Also described as the N/2NW/4 of the resurveyed tracts lying in Sec. 15, 16, 21 & 22 #185, #185A #185, #185A BP NON-CONSENT	80.00	<u>Tract 40</u> WORKING INTEREST Williams Production Co. LLC J. Glenn Turner Jr LLC John L. Turner Fred E. Turner LLC Mary Francis Turner Jr Elizabeth Jeanne Turner ROYALTY ORRI	50.000000% 10.000000% 10.000000% 10.000000% 10.000000% 10.000000% 100.000000%	32.812500% 6.562500% 6.562500% 6.562500% 6.562500% 12.500000% 21.875000%	0.343809%
E-346-22	T31N R6W Sec 16. The approximate SE/4SW/4, NE/4SE/4 Also described as the SW/4NW/4, NW/4NE/4 of the resurveyed tracts lying in Sec. 15, 16, 21 & 22 #185, #185A #185, #185A BP NON-CONSENT	80.00	<u>Tract 40A</u> WORKING INTEREST Williams Production Co. LLC J. Glenn Turner Jr LLC John L. Turner Fred E. Turner LLC Mary Francis Turner Jr Elizabeth Jeanne Turner ROYALTY ORRI	50.000000% 10.000000% 10.000000% 10.000000% 10.000000% 10.000000% 100.000000%	32.812500% 6.562500% 6.562500% 6.562500% 6.562500% 12.500000% 21.875000%	0.343809%
E-289	T31N R6W Sec 21: 71.56 acres out of the E/2NW/4, 71.56 acres out of W/2NE/4 Sec 16: approximately 16.88 acres S/2S/2SE/4SW/4 & S/2S/2SW/4SE/4 Also described as the SW/4 of the resurveyed tracts lying in Sec. 15, 16, 21 & 22 #32, #32A, #32B, #32C #32, #32A WISER NON-CONSENT	160.00	<u>Tract 41</u> WORKING INTEREST Wiser Oil Co. ROYALTY ORRI	100.000000% 100.000000% 0.000000% 100.000000%	87.500000% 12.500000% 0.000000% 100.000000%	0.687618%
E-289-43	T31N R6W Sec 21: 71.56 acres out of the E/2NE/4 Sec 16: 8.44 acres in the S/2S/2SE/4SE/4 of Sec 16 Also described as the W/2SE/4 of the resurveyed tracts lying in Sec. 15, 16, 21 & 22 #32, #32A, #32B, #32C #32, #32A WISER NON-CONSENT	80.00	<u>Tract 42</u> WORKING INTEREST Williams Production Co. LLC BP America Production Co. Sacramento Municipal Utility District ROYALTY ORRI	23.000000% 50.000000% 27.000000% 100.000000%	19.550000% 42.500000% 22.950000% 2.500000%	0.343809%
E-289-50	T31N R6W Sec 15: 8.41 acres out of S/2S/2SW/4SW/4 Sec 22: 71.59 acres in the W/2NW/4 Also described as the E/2SE/4 of the resurveyed tracts in Sec 15, 16, 21 & 22 #25A, #79, #79A, #79B, #185A #25A BP NON-CONSENT	80.00	<u>Tract 43</u> WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.000000% 100.000000% 100.000000%	82.500000% 12.500000% 5.000000%	0.343809%

SCHEDULE XXVII
TWENTY-SIXTH PARTICIPATING AREA FOR THE MESAVERDE FORMATION ROSA UNIT AREA EFFECTIVE 9/01/01

SERIAL NUMBER	DESCRIPTION	PA ACRES	TRACT OWNERSHIP	GW% PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
E-504-15	132N R6W Sec 32: W/2 #150, #150A, #150B #150A BP NON-CONSENT	320.00	<u>Tract 44</u> WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.000000%	84.500000% 12.500000% 3.000000%	1.375234%
E-504-19	132N R6W Sec 32: E/2 #29, #29B, #29M #29M BP NON-CONSENT	320.00	<u>Tract 45</u> WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.000000%	65.825000% 12.500000% 21.875000%	1.375234%
Fee	132N R6W Sec 34: W/2NW/4 #129, #129A #129, #129A BP NON-CONSENT	80.00	<u>Tract 46</u> WORKING INTEREST Williams Production Co. LLC BP America Production Co. Sacramento Municipal Utility District ROYALTY ORRI	23.000000% 50.000000% 27.000000%	20.125000% 43.750000% 23.825000%	0.343809%
E-346-30	132N R6W Sec 36: W/2 #152, #152A, #152B #152A BP NON-CONSENT	320.00	<u>Tract 47</u> WORKING INTEREST Williams Production Co. LLC Sacramento Municipal Utility District ROYALTY ORRI	73.000000% 27.000000%	63.875000% 23.825000% 12.500000%	1.375234%
E-346-33	132N R6W Sec 36: E/2 #34, #34A, #34B, #34C #34A BP NON-CONSENT	320.00	<u>Tract 48</u> WORKING INTEREST Williams Production Co. LLC ROYALTY ORRI	100.000000%	65.825000% 12.500000% 21.875000%	1.375234%
		23268.75		100.000000%	100.000000%	100.000000%

EFFECTIVE 9/01/01



PATRICK H. LYONS
COMMISSIONER

State of New Mexico
Commissioner of Public Lands

310 OLD SANTA FE TRAIL
P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

COMMISSIONER'S OFFICE

Phone (505) 827-5760

Fax (505) 827-5766

www.nmstatelands.org

RECEIVED

MAR 13 2005

OIL & GAS DIVISION
DIVISION

April 11, 2004

Williams Production Company
P.O. Box 3102
One William Center
Tulsa, Oklahoma 74101-3102

Attn: Mr. M. Vern Hansen

Re: 2005 Plan of Development
Rosa Unit
San Juan and Rio Arriba Counties, New Mexico

Dear Mr. Hansen:

The Commissioner of Public Lands has, of this date, approved the above-captioned Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

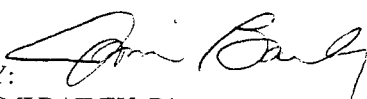
The possibility of drainage by wells outside of the Unit Area and the need for further development of the unit may exist. You may be contacted at a later date regarding these possibilities.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

PATRICK H. LYONS
COMMISSIONER OF PUBLIC LANDS

BY:


JAMI BAILEY, Director
Oil, Gas and Minerals Division
(505) 827-5744

PL/JB/cpm

Enclosure

xc: Reader File

OCD--Attention: David Catanach

BLM

-State Land Office Beneficiaries -

Carrie Tingley Hospital • Charitable Penal & Reform • Common Schools • Eastern NM University • Rio Grande Improvement • Miners' Hospital of NM • NM Boys School • NM Highlands University • NM Institute of Mining & Technology • New Mexico Military Institute • NM School for the Deaf • NM School for the Visually



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COMMISSIONER

State of New Mexico
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COMMISSIONER'S OFFICE

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Fax (505) 827-5766
www.nmstatelands.org

March 7, 2005

Williams Production Company
P. O. Box 3102
Tulsa, Oklahoma 74101-3102

Attention: Ms. Kris Russell

Re: Rosa Unit
Commerciality Determination
Pictured Cliffs Formation
San Juan and Rio Arriba Counties, New Mexico

Dear Ms. Russell:

We are in receipt of your letter of December 1, 2004 together with the commerciality determination data for the Rosa Unit Well No. 160 recently completed in the Pictured Cliffs formation.

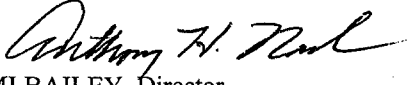
The Bureau of Land Management, by their letter of January 12, 2005, concurred with your determination that the Rosa Unit Well Nos. 160 is capable of producing unitized substances in paying quantities from the Pictured Cliffs formation and should be included in the Pictured Cliffs participating area.

Please be advised that the Commissioner of Public Lands concurs with the Bureau of Land Management's determinations that the Rosa Unit Well No. 160 located in the SE/4 of Section 25, Township 31 North, Range 6 West is a commercial well in the Pictured Cliffs formation. Please submit the appropriate revision of the Rosa Unit Pictured Cliffs Participating Area to this office for approval.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

PATRICK H. LYONS.
COMMISSIONER OF PUBLIC LANDS

BY: 
JAMI BAILEY, Director
Oil, Gas and Minerals Division
(505) 827-5744
PL/JB/pm

pc: Reader File
BLM-Farmington Attn: Mr. Wayne Townsend
TRD-Attn Mr. Valdean Severson
OCD-Attn: Mr. Roy Johnson

-State Land Office Beneficiaries -

Carrie Tingley Hospital • Charitable Penal & Reform • Common Schools • Eastern NM University • Rio Grande Improvement • Miners' Hospital of NM • NM Boys School • NM Highlands University • NM Institute of Mining & Technology • New Mexico Military Institute • NM School for the Deaf • NM School for the Visually Handicapped • NM State Hospital • New Mexico State University • Northern NM Community College • Penitentiary of New Mexico • Public Buildings at Capital • State Park Commission • University of New Mexico • UNM Salina Lands • Water Reservoirs • Western New Mexico University



RECEIVED

MAR 08 2005

PATRICK H. LYONS
COMMISSIONER

State of New Mexico
Commissioner of Public Lands

310 OLD SANTA FE TRAIL
P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

OIL CONSERVATION
DIVISION

COMMISSIONER'S OFFICE

Phone (505) 827-5760
Fax (505) 827-5766
www.nmstatelands.org

March 7, 2005

Williams Production Company
P. O. Box 3102
Tulsa, Oklahoma 74101-3102

Attention: Ms. Kris Russell

Re: Rosa Unit
Commerciality Determinations
Mesaverde Formation
San Juan and Rio Arriba Counties, New Mexico

Dear Ms. Russell:

We are in receipt of your letter of December 1, 2004 together with the commerciality determination data for the Rosa Unit Well No. 84 recently completed in the Mesaverde formation.

The Bureau of Land Management, by their letter of January 12, 2005, concurred with your determination that the Rosa Unit Well Nos. 84 is not capable of producing unitized substances in paying quantities from the Mesaverde formation and should be produced on a lease basis.

Please be advised that the Commissioner of Public Lands concurs with the Bureau of Land Management's determinations that the Rosa Unit Well No. 84 located in the NE4/NE/4 of Section 23, Township 31 North Range 4 West is a non-commercial well in the Mesaverde formation.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

PATRICK H. LYONS.
COMMISSIONER OF PUBLIC LANDS

BY: *Anthony H. Mad*
JAMI BAILEY, Director
Oil, Gas and Minerals Division
(505) 827-5744
PL/JB/pm

pc: Reader File
BLM-Farmington Attn: Mr. Wayne Townsend
TRD-Attn Mr. Valdean Severson
OCD-Attn: Mr. Roy Johnson

-State Land Office Beneficiaries -

Carrie Tingley Hospital • Charitable Penal & Reform • Common Schools • Eastern NM University • Rio Grande Improvement • Miners' Hospital of NM • NM Boys School • NM Highlands University • NM Institute of Mining & Technology • New Mexico Military Institute • NM School for the Deaf • NM School for the Visually Handicapped • NM State Hospital • New Mexico State University • Northern NM Community College • Penitentiary of New Mexico • Public Buildings at Capital • State Park Commission • University of New Mexico • UNM Salina Lands • Water Resources • Western New Mexico University



PATRICK H. LYONS
COMMISSIONER

State of New Mexico
Commissioner of Public Lands

310 OLD SANTA FE TRAIL
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SANTA FE, NEW MEXICO 87504-1148

COMMISSIONER'S OFFICE

Phone (505) 827-5760

Fax (505) 827-5766

www.nmstatelands.org

February 11, 2005

Williams Production Company LLC
P. O. Box 3102
Tulsa, Oklahoma 74101-3102

Attention: Ms. Kris Russell

Re: Rosa Unit
Commerciality Determinations
Dakota Formation
San Juan and Rio Arriba Counties, New Mexico

Dear Ms. Russell:

We are in receipt of your letter of December 1, 2004 together with the commercial determination data for 13 Rosa Unit wells recently completed in the Dakota formation.

The Bureau of Land Management, by their letter of February 4, 2005 concurred with your determination that the Rosa Unit Well Nos. 5B, 17B, 32B, 165B and 167B are capable of producing unitized substances in paying quantities from the Dakota formation. The Rosa Unit Well Nos. 8B, 12B, 32C, 41B, 91B, 149B, 164B and 165C are non-commercial and should be produced on a lease basis.

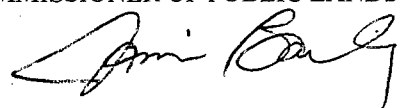
Please be advised that the Commissioner of Public Lands concurs with the Bureau of Land Management's determinations that the Rosa Unit Well Nos. 5B, 17B, 32B, 165B and 167B are commercial wells and are entitled to participate in the Dakota Participating Area. The Rosa Unit Well Nos. 8B, 12B, 32C, 41B, 91B, 149B, 164B and 165C are non-commercial and should be produced on a lease basis.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

PATRICK H. LYONS.
COMMISSIONER OF PUBLIC LANDS

BY:


JAMI BAILEY, Director
Oil, Gas and Minerals Division
(505) 827-5744
PL/JB/pm

pc: Reader File
BLM-Farmington Attn: Mr. Wayne Townsend
TRD-Attn Mr. Valdean Severson
OCD-Attn: Mr. Roy Johnson

-State Land Office Beneficiaries -

Carrie Tingley Hospital • Charitable Penal & Reform • Common Schools • Eastern NM University • Rio Grande Improvement • Miners' Hospital of NM • NM Boys School • NM Highlands University • NM Institute of Mining & Technology • New Mexico Military Institute • NM School for the Deaf • NM School for the Visually Handicapped • NM State Hospital • New Mexico State University • Northern NM Community College • Penitentiary of New Mexico • Public Buildings at Capital • State Park Commission • University of New Mexico • UNM Saline Lands • Water Reservoirs • Western New Mexico University

December 1, 2004



Bureau of Land Management (3 copies)
Farmington Resource Area
Attn: Mr. Wayne Townsend
1235 La Plata Highway
Farmington, New Mexico 87401

EXPLORATION & PRODUCTION
One Williams Center
P.O. Box 3102
Tulsa, OK 74101-3102
918/573-2000

State of New Mexico (2 copies)
Commissioner of Public Lands
Attn: Mr. Pete Martinez
P. O. Box 1148
Santa Fe, New Mexico 87504-1148

State of New Mexico (2 copies)
Oil Conservation Division
Attn: Lori Wrotenberg
1200 South St. Francis Drive
P.O. Box 2308
Santa Fe, NM 87504-2308

Re: Rosa Unit I, Sec. No.587
San Juan and Rio Arriba Counties, New Mexico
NOTICE OF COMPLETION OF NON-COMMERCIAL WELL
Mesaverde formation

Gentlemen:

Pursuant to the provisions of Section 10 of the Rosa Unit Agreement I Sec. No. 587, Williams Production Company, LLC, as Unit Operator, has determined that the Rosa Unit #84, is not capable of producing unitized substances in paying quantities from the Mesaverde formation.

The well data is as follows:

WELL DATA

Non-Commercial Well

The Rosa Unit #84 Well (non-commercial) is located 890 feet from the North Line and 1060 feet from the East Line, Section 23, Township 31 North, Range 4 West, N.M.P.M., Rio Arriba County, New Mexico. This well was spud on January 23, 1981, and completed in the Mesa Verde formation on September 6, 2002. The Mesa Verde formation was perforated with 55 holes between the following depths:

5968' to 6318'

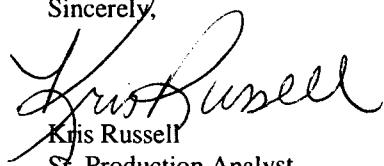
These perforations were sand/water fractured. This well has a 2-3/8" tubing string. The well was shut in with a SICP of 660 psig. On September 10, 2002 the well was tested and after flowing for three hours through a 3/4" choke on the 2-3/8" tubing, the well gauged 576 MCFD.

If these determinations meet with your approval, please indicate such approval in the space provided and return an approved copy for our files.

The Well Data, Reserves and Economics are attached.

Copies of this letter are being sent to the Rosa Unit working interest owners on the attached sheet.

Sincerely,

A handwritten signature in black ink, appearing to read "Kris Russell", written in a cursive style.

Kris Russell
Sr. Production Analyst
918/573-6181
kris.russell@williams.com

cc: Working Interest Owners

APPROVED _____ DATE _____

Assistant District Manager, Minerals
Bureau of Land Management
Subject to like approval by the
Commission of Public Lands
and the Oil Conservation Commission

APPROVED _____ DATE _____

Commissioner of Public Lands
Subject to like approval by the
Bureau of Land Management
and The Commissioner of Public Lands

APPROVED _____ DATE _____

Oil Conservation Commission
Subject to like approval by the
Bureau of Land Management
and The Commissioner of Public Lands

The foregoing is the approval of Notice of Completion of Non-Commercial well for the Rosa Unit #84.

855 NOLOSS = ON

ECONOMIC LIFE	(YRS):	2.000
GROSS GAS	(MMCF):	11.437
GROSS WATER	(MU):	38.118

ROSA UNIT WORKING INTEREST OWNERS

BP AMERICA
ATTN: BRYAN ANDERSON
501 WESTLAKE BOULEVARD
HOUSTON, TX 77079-3092

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

MS. ELIZABETH T. CALLOWAY
P.O. BOX 191767
DALLAS, TX 75219-1967

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

MR. J. GLENN TURNER, JR. LLC
3838 OAK LAWN
SUITE 1699
DALLAS, TX 57219

XTO ENERGY, INC.
ATTN: EDWIN S. RYAN, JR.
810 HOUSTON ST, STE 2000
FORT WORTH, TX 76102-6298

MARY FRANCES TURNER, JR TRUST
ATTN: IRIS GLEISER
P O BOX 660197
DALLAS, TX 75266-0197

MR. JOHN TURNER
PMB 285
317 SIDNEY BAKER SOUTH #400
KERRVILLE, TX 78028

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

THE WISER OIL COMPANY
ATTN: KEN MCPHEE
1600 BROADWAY, SUITE 2200
DENVER, CO 80202

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

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

CONOCOPHILLIPS COMPANY
ATTN: CHIEF LANDMAN/SJ/ROCKIES
P.O. BOX 2197
HOUSTON, TX 77252

ROSA UNIT #084
 PROPNUM 81789-1
 MESAVERDE RESERVOIR ,BASIN FIELD, SAN JU
 RIO ARriba COUNTY ,NM

DATE: 07/21/04
 TIME: 07:56:16
 FILE: wpcp
 PROP: 17117
 STID: COMROS
 .CMD: CURRENT:
 .OUT: SJB0902

R E S E R V E S A N D E C O N O M I C S
 - - - - -

AS OF JANUARY 1, 2002

-END- MO-YR	---GROSS PRODUCTION---				---NET PRODUCTION---				--PRICES--		-----OPERATIONS, M\$-----			CAPITAL COSTS, M\$	CASH FLOW BTAX, M\$	10.00 PCT CUM. DISC BTAX, M\$	
	OIL, MBBL	GAS, MMCF			OIL, MBBL	GAS, MMCF			OIL \$/B	GAS \$/M	NET OPER REVENUES	SEV+ADV TAXES	NET OPER EXPENSES				
12-02	.000	1.913			.000	1.578	.00	3.48			5.489	.544	2.145	495.337	-492.537	-451.341	
12-03	.000	9.524			.000	7.857	.00	3.48			27.330	2.709	23.072	.000	1.549	-449.998	
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12-24																	
12-25																	
12-26																	
S TOT	.000	11.437			.000	9.435	.00	3.48	32.819	3.253	25.217	495.337	-490.988	-449.998			
REM.	.000	.000			.000	.000	.00	.00	.000	.000	.000	.000	.000	.000	.000	-449.998	
TOT	.000	11.437			.000	9.435	.00	3.48	32.819	3.253	25.217	495.337	-490.988	-449.998			
CUM.	.000	.000															
ULT.	.000	11.437															
-----PRESENT WORTH PROFILE-----																	
										DISC	PW OF NET		DISC	PW OF NET			
										RATE	BTAX, M\$		RATE	BTAX, M\$			

BTAX RATE OF RETURN (PCT)					.00	PROJECT LIFE (YEARS)					2.000	.0	-490.988	30.0	-386.228		
BTAX PAYOUT					LIFE	DISCOUNT RATE (PCT)					10.000	2.0	-482.176	35.0	-373.120		
BTAX PAYOUT (DISC)					LIFE	GROSS OIL WELLS					.000	5.0	-469.559	40.0	-360.910		
BTAX NET INCOME/INVEST					.01	GROSS GAS WELLS					1.000	8.0	-457.615	45.0	-349.507		
BTAX NET INCOME/INVEST (DISC)					.01	GROSS WELLS					1.000	10.0	-449.998	50.0	-338.832		
												12.0	-442.643	60.0	-319.402		
INITIAL W.I. FRACTION					1.000000	INITIAL NET OIL FRACTION					.000000	15.0	-432.069	70.0	-302.165		
FINAL W.I. FRACTION					1.000000	FINAL NET OIL FRACTION					.000000	18.0	-422.010	80.0	-286.767		
PRODUCTION START DATE					12/01/02	INITIAL NET GAS FRACTION					.825000	20.0	-415.571	90.0	-272.923		
MONTHS IN FIRST LINE					12.00	FINAL NET GAS FRACTION					.825000	25.0	-400.338	100.0	-260.407		
WATER	GROSS PROD. (MU)				38.118	WATER	NET PRODUCTION (MU)				31.447	WATER	NET REVENUES (M\$)				.000

OGRE(R) V2.2 BTAX
 FILE NAME: wpcp (17117)
 CASE NAME: ROSA UNIT # 84 MV
 101 ROSA UNIT #084
 102 PROPNUM 81789-1
 103 MESAVERDE RESERVOIR , BASIN FIELD, SAN JUAN BASIN
 104 RIO ARRIBA COUNTY ,NM

DATA REPORT
 - - - - -
 -1PDP-RLG-1206.02 -BLANCO

DATE: 07/21/04
 TIME: 07:56:16

CASE \$COM_BOB
 * 120 1 99 12 1 1 2002 10 2
 * 121 36
 * 130 INVEST -DB200 7 0 0 0 0
 * 131 DRLG -DB200 7 0 0 0 0
 * 132 COMP -DB200 7 0 0 0 0
 * 133 GATHPL -DB200 10 0 0 0 0
 * 134 PLATFAC -DB200 10 0 0 0 0
 * 135 NETLND -DB200 7 0 0 0 0
 * 136 NETSEIS -DB200 7 0 0 0 0
 * 137 GRSOTH -DB200 7 0 0 0 0
 * 138 NETACQ -DB200 7 0 0 0 0
 * 139 NTSALE -DB200 7 0 0 0 0
 * 160 SET RPTFRM = 2
 * 165 SET SHRINK = GAS
 * 698 SET IDCAMORT = MAJOR
 * 699 SET FEDTAX = 38

	W.I. FRACTION	OP. COST (\$/W/MO)	OP. COST (\$/MO.)	ADV. TAX (PCT)	MAJOR PH. NAME	PROD. DATE (MO/DY/YR)
210	1.00000000	.00	1500.00	1.000	GAS	12/01/2002

	PHASE NAME	CUM PROD (MUNITS)	REV. INT FRACTION	PRICE (\$/UNIT)	SEV. TAX (PCT)	NO. OF WELLS	RATIO TO MAJOR PH
222	GAS	.000	.82500000	4.000	9.000	1.0	
224	WATER	.000	.82500000	.000	.000	.0	

	PH. NAME	CURVE TP	DECLINE%	QI RATE	QT RATE	CUM. LIMIT	(M OR Y)	CALC VALUE
410	GAS	91.840	96.980	2181.390	X	5.000	%	M
CALC	GAS	91.840	END= 5.000	2181.390	21.968	24.833	YRS	M
411	GAS	EXP	5.000	21.950	15.210	X	X	M
CALC	GAS	EXP	END= 5.000	21.950	15.210	31.985	YRS	M
420	WATER	EXP	56.580	4454.060	1.670	X	X	M
CALC	WATER	EXP	END= 56.580	4454.060	1.670	13.373	YRS	M

600 SERIES LINES:

DATA BTU : 1.03 TO LIFE
 DATA WATERC : 0.15 TO LIFE

629 CASE \$ARR17_OP_POV_MAY04
 630 ! CONTRACT J99 GATH DEDUCT / MMBTU
 630 COMPUTE GASP = GASP - 0.4187
 640 ! GATHERING SHRINKAGE
 640 COMPUTE GASP = GASP * 0.943

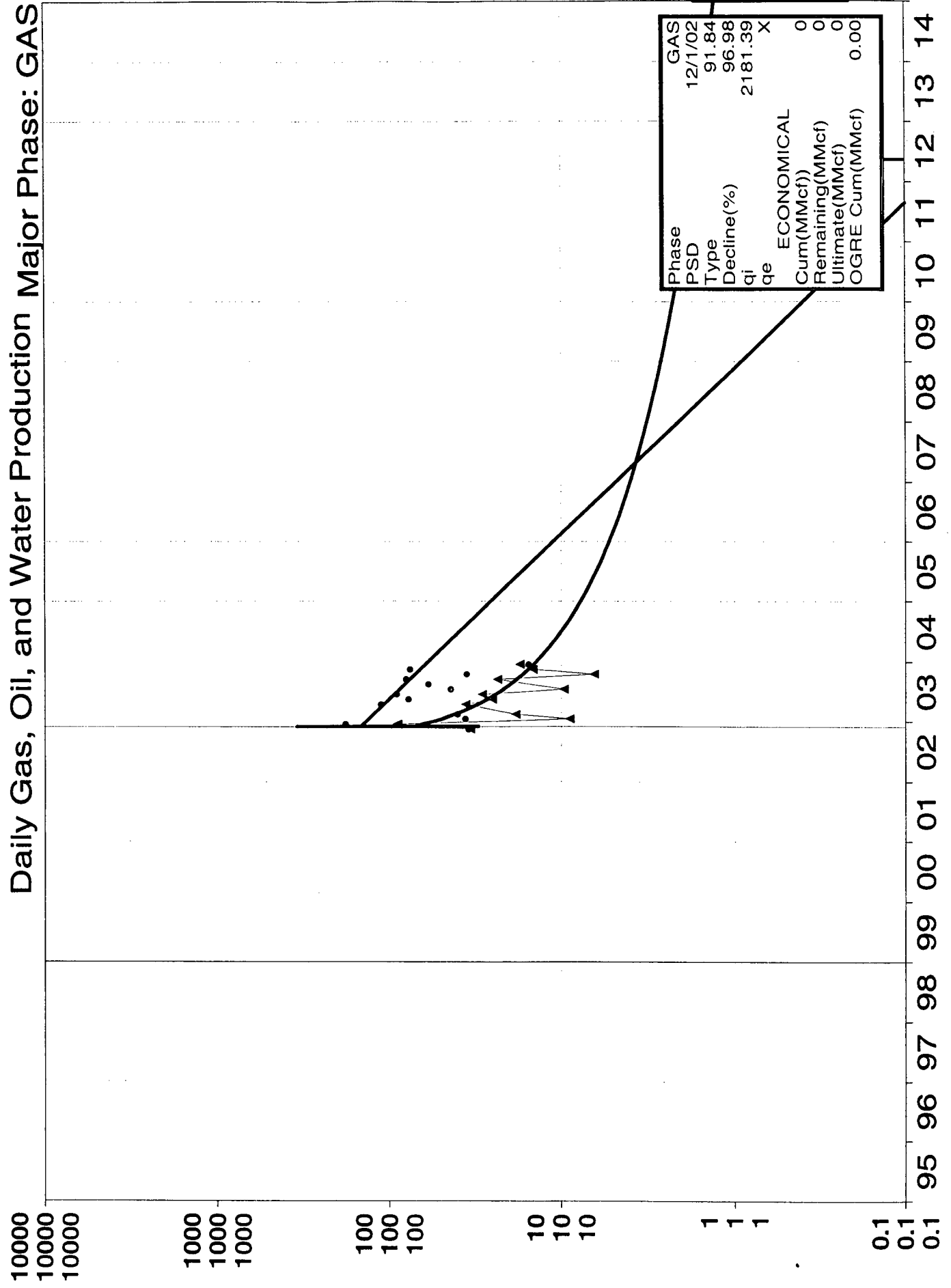
	INV NAME	INV. POINT	(G OR N)	TANG-M\$	INTANG-M\$	LSEHLD-M\$	RISK FRAC	OVHD FLAG
805	INVEST	.000 MOS	G	114.410	380.927	.000		

855 NOLOSS = ON

ECONOMIC LIFE (YRS): 2.000
 GROSS GAS (MMCF): 11.437
 GROSS WATER (MU): 38.118

ROSA UNIT # 84 MV 84 31N 4W 23A

Daily Gas, Oil, and Water Production Major Phase: GAS



December 1, 2004



Bureau of Land Management (3 copies)
Farmington Resource Area
Attn: Mr. Wayne Townsend
1235 La Plata Highway
Farmington, New Mexico 87401

EXPLORATION & PRODUCTION
One Williams Center
P.O. Box 3102
Tulsa, OK 74101-3102
918/573-2000

State of New Mexico (2 copies)
Commissioner of Public Lands
Attn: Mr. Pete Martinez
P. O. Box 1148
Santa Fe, New Mexico 87504-1148

State of New Mexico (2 copies)
Oil Conservation Division
Attn: Lori Wrotenberg
1200 South St. Francis Drive
P.O. Box 2308
Santa Fe, NM 87504-2308

Re: Rosa Unit I, Sec. No.587
San Juan and Rio Arriba Counties, New Mexico
NOTICE OF COMPLETION OF NON-COMMERCIAL WELLS
Dakota formation

Gentlemen:

Pursuant to the provisions of Section 10 of the Rosa Unit Agreement I Sec. No. 587, Williams Production company, LLC, as Unit Operator, has determined that the Rosa Unit #8B, #12B, #32C, #41B, #91B, #149B, #164B, #165C, are not capable of producing unitized substances in paying quantities from the Dakota formation.

The well data is as follows:

WELL DATA

Non-Commercial Wells

The Rosa Unit #8B Well (non-commercial) is located 2010 feet from the North Line and 2170 feet from the West Line, Section 26, Township 31 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico. This well was spud on October 10, 2001, and completed in the Dakota formation on December 8, 2001. The Dakota formation was perforated with 23 holes between the following depths:

7805' to 7940'

These perforations were sand/water fractured. This well has a 2-1/16" tubing string. The well was shut in with a SICP of 1020 psig. On January, 2 2002 the well was tested and after flowing for three hours through a 3/4" choke on the 2-1/16" tubing, the well gauged 1273 MCFD.

The Rosa Unit #12B Well (non-commercial) is located 485 feet from the South Line and 1125 feet from the East Line, Section 15, Township 31 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico. This well was spud on September 30, 2001, and completed in the Dakota formation on November 30, 2001. The Dakota formation was perforated with 12 holes between the following depths:

7678' to 7734'

These perforations were sand/water fractured. This well has a 2-1/16" tubing string. The well was shut in with a SICP of 910 psig. On December 18, 2001 the well was tested and after flowing for three hours through a 3/4" choke on the 2-1/16" tubing, the well gauged 774 MCFD.

The Rosa Unit #32C Well (non-commercial) is located 1675 feet from the North Line and 1700 feet from the West Line, Section 21, Township 31 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico. This well was spud on September 21, 2002, and completed in the Dakota formation on November 25, 2002. The Dakota formation was perforated with 16 holes between the following depths:

8188' to 8296'

These perforations were sand/water fractured. This well has a 2-1/16" tubing string. The well was shut in with a SICP of 850 psig. On October 26, 2002 the well was tested and after flowing for three hours through a 3/4" choke on the 2-1/16" tubing, the well gauged 524 MCFD.

The Rosa Unit #41B Well (non-commercial) is located 725 feet from the South Line and 1210 feet from the East Line, Section 6, Township 31 North, Range 5 West, N.M.P.M., Rio Arriba County, New Mexico. This well was spud on August 15, 2002, and completed in the Dakota formation on October 9, 2002. The Dakota formation was perforated with 19 holes between the following depths:

8316' to 8423'

These perforations were sand/water fractured. This well has a 2-1/16" tubing string. The well was shut in with a SICP of 855 psig. On October 29, 2002 the well was tested and after flowing for three hours through a 3/4" choke on the 2-1/16" tubing, the well gauged 584 MCFD.

The Rosa Unit #91B Well (non-commercial) is located 1070 feet from the South Line and 295 feet from the East Line, Section 35, Township 32 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico. This well was spud on August 15, 2001, and completed in the Dakota formation on October 21, 2001. The Dakota formation was perforated with 18 holes between the following depths:

7886' to 7992'

These perforations were sand/water fractured. This well has a 2 1/16" tubing string. The well was shut in with a SICP of 795 psig. On October 30, 2001 the well was tested and after flowing for three hours through a 3/4" choke on the 2 1/16" tubing, the well gauged 2153 MCFD.

The Rosa Unit #149B Well (non-commercial) is located 1440 feet from the North Line and 355 feet from the West Line, Section 12, Township 31 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico. This well was spud on September 19, 2001, and completed in the Dakota formation on November 17, 2001. The Dakota formation was perforated with 22 holes between the following depths:

7956' to 8095'

These perforations were sand/water fractured. This well has a 2 1/16" tubing string. The well was shut in with a SICP of 890 psig. On November 24, 2001 the well was tested and after flowing for three hours through a 3/4" choke on the 2 1/16" tubing, the well gauged 1339 MCFD.

The Rosa Unit #164B Well (non-commercial) is located 1475 feet from the South Line and 1235 feet from the East Line, Section 1, Township 31 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico. This well was spud on September 2, 2002, and completed in the Dakota formation on November 2, 2002. The Dakota formation was perforated with 18 holes between the following depths:

8512' to 8595'

These perforations were sand/water fractured. This well has a 2 1/16" tubing string. The well was shut in with a SICP of 890 psig. On November 14, 2002 the well was tested and after flowing for three hours through a 3/4" choke on the 2 1/16" tubing, the well gauged 149 MCFD.

The Rosa Unit #165C Well (non-commercial) is located 1760 feet from the North Line and 1735 feet from the East Line, Section 25, Township 31 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico. This well was spud on May 4, 2002, and completed in the Dakota formation on June 24, 2004. The Dakota formation was perforated with 22 holes between the following depths:

7894' to 7991'

These perforations were sand/ Foamed Gel fractured. This well has a 2 1/16" tubing string. The well was shut in with a SICP of 935 psig. On July 8, 2002 the well was tested and after flowing for three hours on the 2 1/16" tubing, the well gauged 1076 MCFD.

December 1, 2004



Bureau of Land Management (3 copies)
Farmington Resource Area
Attn: Mr. Wayne Townsend
1235 La Plata Highway
Farmington, New Mexico 87401

EXPLORATION & PRODUCTION
One Williams Center
P.O. Box 3102
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Attn: Lori Wrotenberg
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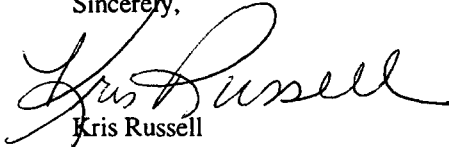
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If these determinations meet with your approval, please indicate such approval in the space provided and return an approved copy for our files.

The Well Data, Reserves and Economics are attached.

Copies of this letter are being sent to the Rosa Unit working interest owners on the attached sheet.

Sincerely,

A handwritten signature in black ink, appearing to read "Kris Russell", written in a cursive style.

Kris Russell
Sr. Production Analyst
918/573-6181
kris.russell@williams.com

cc: Working Interest Owners

APPROVED _____ DATE _____

Assistant District Manager, Minerals
Bureau of Land Management
Subject to like approval by the
Commission of Public Lands
and the Oil Conservation Commission

APPROVED _____ DATE _____

Commissioner of Public Lands
Subject to like approval by the
Bureau of Land Management
and The Commissioner of Public Lands

APPROVED _____ DATE _____

Oil Conservation Commission
Subject to like approval by the
Bureau of Land Management
and The Commissioner of Public Lands

The foregoing is the approval of Notice of Completion of Non-Commercial wells for the Rosa Unit #8B, #12B, #32C, #41B, #91B, #149B, #164B, #165C.

ROSA UNIT WORKING INTEREST OWNERS

BP AMERICA
ATTN: BRYAN ANDERSON
501 WESTLAKE BOULEVARD
HOUSTON, TX 77079-3092

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

MS. ELIZABETH T. CALLOWAY
P.O. BOX 191767
DALLAS, TX 75219-1967

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

MR. J. GLENN TURNER, JR. LLC
3838 OAK LAWN
SUITE 1699
DALLAS, TX 57219

XTO ENERGY, INC.
ATTN: EDWIN S. RYAN, JR.
810 HOUSTON ST, STE 2000
FORT WORTH, TX 76102-6298

MARY FRANCES TURNER, JR TRUST
ATTN: IRIS GLEISER
P O BOX 660197
DALLAS, TX 75266-0197

MR. JOHN TURNER
PMB 285
317 SIDNEY BAKER SOUTH #400
KERRVILLE, TX 78028

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

THE WISER OIL COMPANY
ATTN: KEN MCPHEE
1600 BROADWAY, SUITE 2200
DENVER, CO 80202

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

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

CONOCOPHILLIPS COMPANY
ATTN: CHIEF LANDMAN/SJ/ROCKIES
P.O. BOX 2197
HOUSTON, TX 77252

ROSA UNIT 8B
RIO ARRIBA COUNTY, NM
BASIN (DAKOTA) FIELD
WILLIAMS PROD CO

DATE: 07/21/04
TIME: 08:18:20
FILE: WPCP
PROP: 7338
STID: COMROS
.CMD: CURRENT:
.OUT: SJB0902

RESERVES AND ECONOMICS

AS OF JANUARY 1, 2002

-END- MO-YR	---GROSS PRODUCTION---		---NET PRODUCTION---		--PRICES--		-----OPERATIONS, M\$-----			CAPITAL COSTS, M\$	CASH FLOW BTAX, M\$	10.00 PCT CUM. DISC BTAX, M\$
	OIL, MBL	GAS, MCF	OIL, MBL	GAS, MCF	OIL \$/B	GAS \$/M	NET OPER REVENUES	SEV+ADV TAXES	NET OPER EXPENSES			
12-02												
12-03												
12-04												
12-05												
12-06												
12-07												
12-08												
12-09												
12-10												
12-11												
12-12												
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12-24												
12-25												
12-26												
S TOT	.000	.000	.000	.000	.00	.00	.000	.000	.000	.000	.000	.000
REM.	.000	.000	.000	.000	.00	.00	.000	.000	.000	.000	.000	.000
TOT	.000	.000	.000	.000	.00	.00	.000	.000	.000	.000	.000	.000
CUM.	.000	.000										
ULT.	.000	.000										
-----PRESENT WORTH PROFILE-----												
BTAX RATE OF RETURN (PCT)		.00	PROJECT LIFE (YEARS)				-2.900	.0	.000	30.0	.000	
BTAX PAYOUT	12/31/2001		DISCOUNT RATE (PCT)				10.000	2.0	.000	35.0	.000	
BTAX PAYOUT (DISC)	12/31/2001		GROSS OIL WELLS				.000	5.0	.000	40.0	.000	
BTAX NET INCOME/INVEST		.00	GROSS GAS WELLS				1.000	8.0	.000	45.0	.000	
BTAX NET INCOME/INVEST (DISC)		.00	GROSS WELLS				1.000	10.0	.000	50.0	.000	
								12.0	.000	60.0	.000	
INITIAL W.I. FRACTION	1.000000		INITIAL NET OIL FRACTION				.000000	15.0	.000	70.0	.000	
FINAL W.I. FRACTION	1.000000		FINAL NET OIL FRACTION				.000000	18.0	.000	80.0	.000	
PRODUCTION START DATE	1/01/02		INITIAL NET GAS FRACTION				.825000	20.0	.000	90.0	.000	
MONTHS IN FIRST LINE	12.00		FINAL NET GAS FRACTION				.825000	25.0	.000	100.0	.000	

OGRE(R) V2.2 BTAX
 FILE NAME: WPCP (7338)
 CASE NAME: ROSA UNIT # 8B DK
 101 ROSA UNIT 8B
 102 RIO ARriba COUNTY, NM
 103 BASIN (DAKOTA) FIELD
 104 WILLIAMS PROD CO

-8B

DATA REPORT
 - - - - -
 -1PDP-RLG-4228.02 -BASIN

DATE: 07/21/04
 TIME: 08:13:20

CASE \$COM_BOB
 * 120 1 99 12 1 1 2002 10 2
 * 121 36
 * 130 INVEST -DB200 7 0 0 0 0
 * 131 DRLG -DB200 7 0 0 0 0
 * 132 COMP -DB200 7 0 0 0 0
 * 133 GATHPL -DB200 10 0 0 0 0
 * 134 PLATFAC -DB200 10 0 0 0 0
 * 135 NETLND -DB200 7 0 0 0 0
 * 136 NETSEIS -DB200 7 0 0 0 0
 * 137 GRSOTH -DB200 7 0 0 0 0
 * 138 NETACQ -DB200 7 0 0 0 0
 * 139 NTSALE -DB200 7 0 0 0 0
 * 160 SET RPTFRM = 2
 * 165 SET SHRINK = GAS
 * 698 SET IDCAMORT = MAJOR
 * 699 SET FEDTAX = 38

	W.I. FRACTION	OP. COST (\$/W/MO)	OP. COST (\$/MO.)	ADV. TAX (PCT)	MAJOR PH. NAME	PROD DATE (MO/DY/YR)				
210	1.00000000	.00	900.00	1.000	GAS	1/01/2002				
	PHASE NAME	CUM PROD (MUNITS)	REV. INT FRACTION	PRICE (\$/UNIT)	SEV. TAX (PCT)	NO. OF WELLS	RATIO TO MAJOR PH			
222	GAS	.000	.82500000	4.000	9.000	1.0				
	PH. NAME	CURVE TP	DECLINE%	QI RATE	QT RATE	CUM. LIMIT	(M OR Y)	CALC VALUE		
410	GAS	113.920	100.000	1861.750	X	2.300	YRS	M		
CALC	GAS	113.920END=	31.442	1861.750	35.332	5.300	YRS	M	3.422 MMCF	
411	GAS	EXP	4.000	LAST	X	30.000	IYRS	M		
612 ! GAS GATHERING										
CALC	GAS	EXP	END= 4.000	35.332	10.383	35.300	YRS	M	10.756 MMCF	

600 SERIES LINES:

612 DATA GASC : .4187 TO LIFE
 613 COMPUTE GASC = GASC * BTU
 ! SHRINK
 COMPUTE GASP = GASP * 0.9421

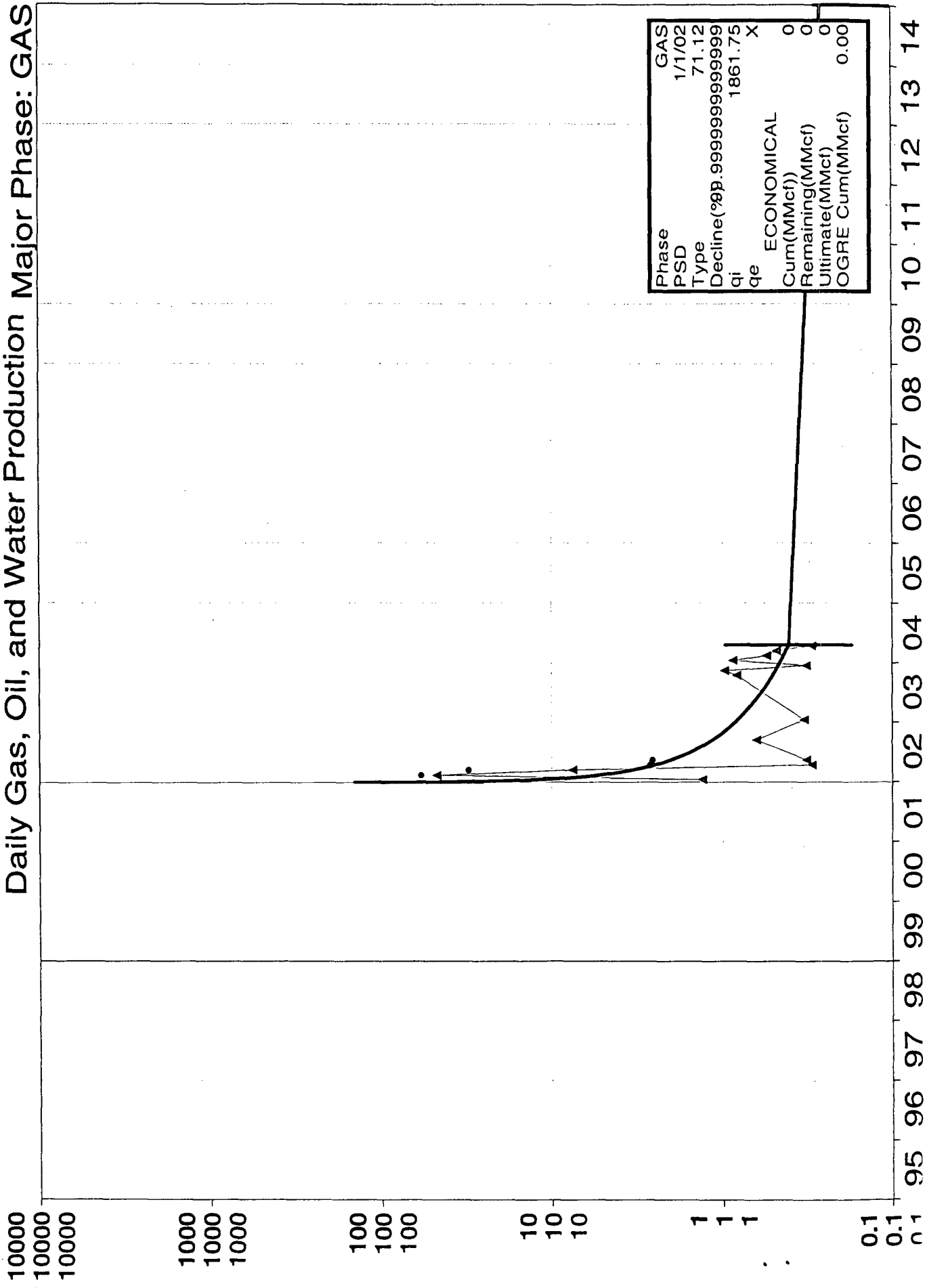
	INV NAME	INV. POINT	(G OR N)	TANG-M\$	INTANG-M\$	LSEHLD-M\$	RISK FRAC	OVHD FLAG
805	INVEST	.000 MOS	G	114.410	247.787	.000		

853 CASE \$GATHNET

ECONOMIC LIFE (YRS): -2.900
 GROSS GAS (MMCF): .000

ROSA UNIT # 8B DK 8B 31N 6W 26F

Daily Gas, Oil, and Water Production Major Phase: GAS



ROSA UNIT 12B
RIO ARriba COUNTY, NM
BASIN (DAKOTA) FIELD
WILLIAMS PROD CO

DATE: 07/20/04
TIME: 11:37:14
FILE: wpcp
PROP: 7328
STID: COMROS
.CMD: CURRENT:
.OUT: SJB0902

R E S E R V E S A N D E C O N O M I C S

AS OF JANUARY 1, 2002

-END- MO-YR	---GROSS PRODUCTION---				---NET PRODUCTION---				--PRICES--		-----OPERATIONS, M\$-----			CAPITAL COSTS, M\$	CASH FLOW BTAX, M\$	10.00 PCT CUM. DISC BTAX, M\$	
	OIL, MMBL	GAS, MMCF			OIL, MMBL	GAS, MMCF			OIL \$/B	GAS \$/M	NET OPER REVENUES	SEV+ADV TAXES	NET OPER EXPENSES				
12-02	.000	22.570			.000	18.620			.00	3.77	70.168	6.954	19.350	495.337	-451.473	-449.761	
12-03	.000	15.240			.000	12.573			.00	3.77	47.380	4.695	17.181	.000	25.504	-427.655	
12-04	.000	12.560			.000	10.362			.00	3.77	39.048	3.869	16.059	.000	19.120	-412.589	
12-05	.000	11.083			.000	9.143			.00	3.77	34.454	3.415	15.440	.000	15.599	-401.415	
12-06	.000	10.106			.000	8.337			.00	3.77	31.417	3.114	15.031	.000	13.272	-392.772	
12-07	.000	9.392			.000	7.748			.00	3.77	29.198	2.894	14.732	.000	11.572	-385.921	
12-08	.000	8.838			.000	7.291			.00	3.77	27.475	2.723	14.500	.000	10.252	-380.403	
12-09	.000	8.383			.000	6.916			.00	3.77	26.062	2.583	14.310	.000	9.169	-375.917	
12-10	.000	7.964			.000	6.570			.00	3.77	24.758	2.453	14.135	.000	8.170	-372.283	
12-11	.000	7.566			.000	6.242			.00	3.77	23.522	2.331	13.968	.000	7.223	-369.362	
12-12	.000	7.187			.000	5.929			.00	3.77	22.343	2.214	13.809	.000	6.320	-367.039	
12-13	.000	6.828			.000	5.633			.00	3.77	21.227	2.103	13.659	.000	5.465	-365.213	
12-14	.000	6.487			.000	5.352			.00	3.77	20.168	1.999	13.516	.000	4.653	-363.799	
12-15	.000	6.162			.000	5.084			.00	3.77	19.159	1.898	13.380	.000	3.881	-362.727	
12-16	.000	5.854			.000	4.830			.00	3.77	18.201	1.804	13.251	.000	3.146	-361.937	
12-17	.000	5.562			.000	4.589			.00	3.77	17.293	1.713	13.129	.000	2.451	-361.378	
12-18	.000	5.283			.000	4.358			.00	3.77	16.423	1.627	13.012	.000	1.784	-361.008	
12-19	.000	5.019			.000	4.141			.00	3.77	15.605	1.546	12.901	.000	1.158	-360.790	
12-20	.000	4.769			.000	3.934			.00	3.77	14.825	1.469	12.797	.000	.559	-360.694	
12-21																	
12-22																	
12-23																	
12-24																	
12-25																	
12-26																	
S TOT	.000	166.853			.000	137.652			.00	3.77	518.726	51.404	274.160	495.337	-302.175	-360.694	
REM.	.000	.000			.000	.000			.00	.00	.000	.000	.000	.000	.000	-360.694	
TOT	.000	166.853			.000	137.652			.00	3.77	518.726	51.404	274.160	495.337	-302.175	-360.694	
CUM.	.000	.000															
ULT.	.000	166.853															
-----PRESENT WORTH PROFILE-----																	
											DISC	PW OF NET	DISC	PW OF NET			
											RATE	BTAX, M\$	RATE	BTAX, M\$			
BTAX RATE OF RETURN (PCT)					.00	PROJECT LIFE (YEARS)					19.000	.0	-302.175	30.0	-400.677		
BTAX PAYOUT					LIFE	DISCOUNT RATE (PCT)					10.000	2.0	-318.544	35.0	-405.230		
BTAX PAYOUT (DISC)					LIFE	GROSS OIL WELLS					.000	5.0	-337.897	40.0	-408.795		
BTAX NET INCOME/INVEST					.39	GROSS GAS WELLS					1.000	8.0	-352.696	45.0	-411.624		
BTAX NET INCOME/INVEST (DISC)					.27	GROSS WELLS					1.000	10.0	-360.694	50.0	-413.896		
												12.0	-367.526	60.0	-417.233		
INITIAL W.I. FRACTION					1.000000	INITIAL NET OIL FRACTION					.000000	15.0	-376.047	70.0	-419.464		
FINAL W.I. FRACTION					1.000000	FINAL NET OIL FRACTION					.000000	18.0	-382.958	80.0	-420.961		
PRODUCTION START DATE					2/01/02	INITIAL NET GAS FRACTION					.825000	20.0	-386.860	90.0	-421.952		
MONTHS IN FIRST LINE					12.00	FINAL NET GAS FRACTION					.825000	25.0	-394.750	100.0	-422.579		
WATER	GROSS PROD. (MU)				5.098	WATER	NET PRODUCTION (MU)				4.207	WATER	NET REVENUES (M\$)				.000

OGRE(R) V2.2 BTAX
 FILE NAME: wpcp (7328)
 CASE NAME: ROSA UNIT # 12B DK DUAL
 101 ROSA UNIT 12B
 102 RIO ARriba COUNTY, NM
 103 BASIN (DAKOTA) FIELD
 104 WILLIAMS PROD CO

DATA REPORT
 -12B -1PDP-RLG-4223.02 -BASIN (DAKOTA)

DATE: 07/20/04
 TIME: 11:37:14

CASE \$COM
 * 120 1 99 12 1 1 2002 10 2
 * 121 36
 * 130 INVEST -DB200 7 0 0 0 0
 * 131 DRLG -DB200 7 0 0 0 0
 * 132 COMP -DB200 7 0 0 0 0
 * 133 GATHPL -DB200 10 0 0 0 0
 * 134 PLATFAC -DB200 10 0 0 0 0
 * 135 NETLND -DB200 7 0 0 0 0
 * 136 NETSEIS -DB200 7 0 0 0 0
 * 137 GRSOTH -DB200 7 0 0 0 0
 * 138 NETACQ -DB200 7 0 0 0 0
 * 139 NTSale -DB200 7 0 0 0 0
 * 160 SET RPTFRM = 2
 * 165 SET SHRINK = GAS
 * 698 SET IDCAMORT = MAJOR
 * 699 SET FEDTAX = 38

	W.I. FRACTION	OP. COST (\$/W/MO)	OP. COST (\$/MO.)	ADV. TAX (PCT)	MAJOR PH. NAME	PROD DATE (MO/DY/YR)	
210	1.00000000	.00	900.00	1.000	GAS	2/01/2002	
	PHASE NAME	CUM PROD (MUNITS)	REV. INT FRACTION	PRICE (\$/UNIT)	SEV. TAX (PCT)	NO. OF WELLS	RATIO TO MAJOR PH
222	GAS	.000	.82500000	4.000	9.000	1.0	
223	WATER	.000	.82500000	.000	.000	.0	

	PH. NAME	CURVE TP	DECLINE%	QI RATE	QT RATE	CUM. LIMIT	(M OR Y)	CALC VALUE
409	GAS	279.060	99.960	4350.540	1051.780	X	X	M
CALC	GAS	279.060	END= 13.829	4350.540	1051.780	5.445	YRS	M 43.633 MMCF
410	GAS	279.060	14.000	1051.780	X	5.000	%	M
CALC	GAS	279.060	END= 5.000	1051.780	714.617	10.056	YRS	M 90.266 MMCF
411	GAS	EXP	LAST	LAST	X	35.000	IYRS	M
CALC	GAS	EXP	END= 5.000	714.617	118.686	45.056	YRS	M 229.683 MMCF
415	WATER	EXP	13.940	67.740	X	29.270	IYRS	M
612 !	GAS GATHERING							
CALC	WATER	EXP	END= 13.940	67.740	.837	32.353	YRS	M 5.348 M-UNITS

SERIES LINES:

612 DATA GASC : .4187 TO LIFE
 613 COMPUTE GASC = GASC * BTU
 632 ! SHRINK
 632 COMPUTE GASP = GASP * 0.9421

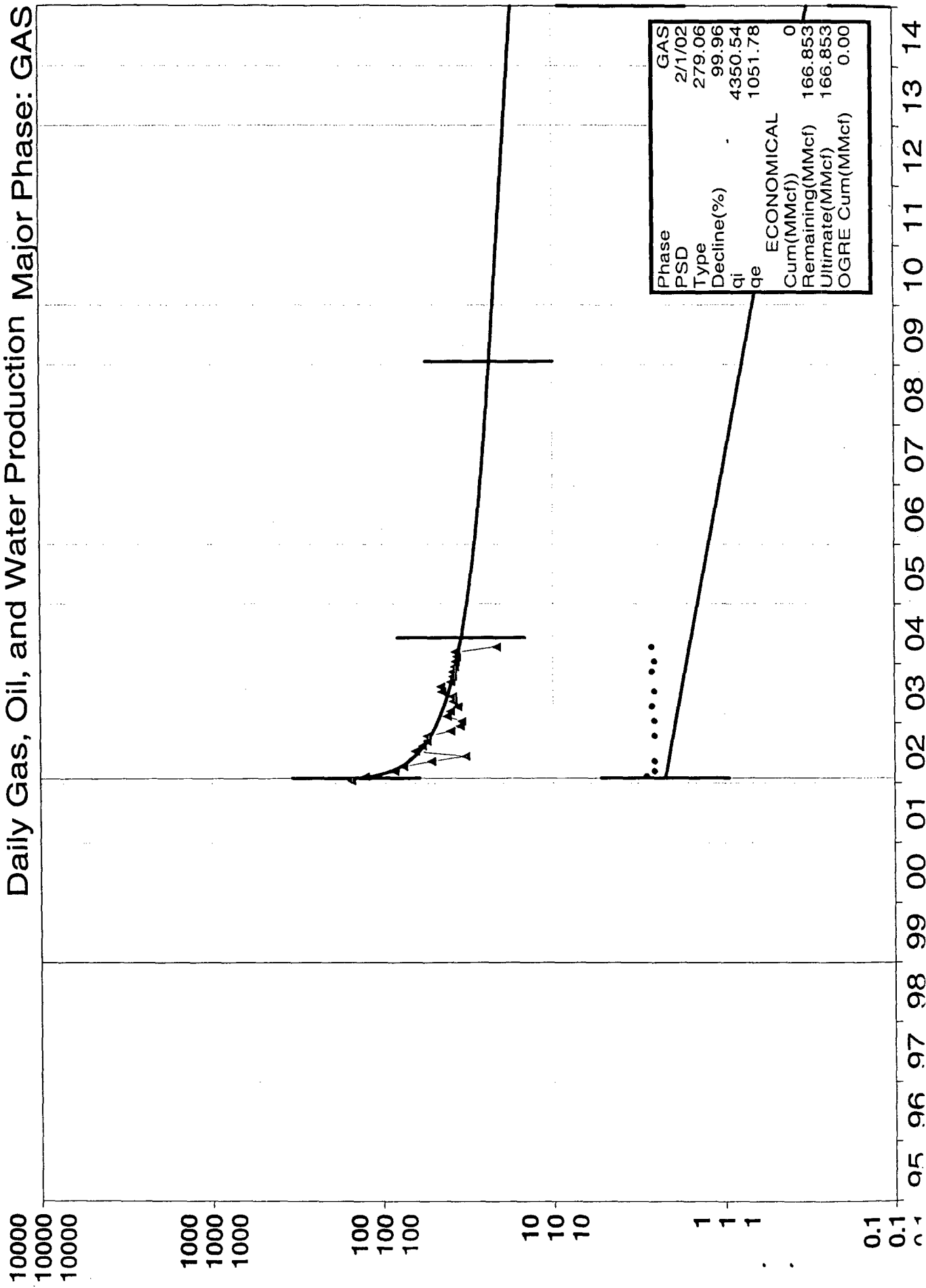
	INV NAME	INV. POINT	(G OR N)	TANG-M\$	INTANG-M\$	LSEHLD-M\$	RISK FRAC	OVHD FLAG
805	INVEST	.000 MOS	G	114.410	380.927	.000		

853 CASE \$GATHNET

ECONOMIC LIFE (YRS): 19.000
 GROSS GAS (MMCF): 166.853
 GROSS WATER (MU): 5.098

ROSA UNIT 12B DK DUAL 12B 31N 6W 15P

Daily Gas, Oil, and Water Production Major Phase: GAS



ROSA UNIT #32C DK
2002 SJB DRILLING PROGRAM
DAKOTA
LSD

DATE: 07/21/04
TIME: 07:31:32
FILE: wpcp
PROP: 18191
STID: COMROS
CMD: CURRENT:
OUT: SJB0902

RESERVES AND ECONOMICS

AS OF JANUARY 1, 2002

-END- MO-YR	---GROSS PRODUCTION---				---NET PRODUCTION---				---PRICES---		-----OPERATIONS, M\$-----			CAPITAL COSTS, M\$	CASH FLOW BTAX, M\$	10.00 PCT CUM. DISC BTAX, M\$
	OIL, MMBL	GAS, MMCF	MMCF	MMCF	OIL, MMBL	GAS, MMCF	MMCF	MMCF	\$/B	\$/M	NET OPER REVENUES	SEV+ADV TAXES	NET OPER EXPENSES			
12-02	.000	.000	.000	.000	.000	.000	.000	.000	.00	3.30	.000	.000	.000	.000	.000	.000
12-03	.000	35.234	.000	.000	.000	29.068	.00	.00	.00	3.30	95.910	9.505	10.800	582.585	-506.980	-464.090
12-04	.000	16.015	.000	.000	.000	13.212	.00	.00	.00	3.30	43.593	4.320	10.800	.000	28.473	-441.654
12-05	.000	10.807	.000	.000	.000	8.916	.00	.00	.00	3.30	29.418	2.916	10.800	.000	15.702	-430.406
12-06	.000	8.264	.000	.000	.000	6.818	.00	.00	.00	3.30	22.496	2.230	10.800	.000	9.466	-424.241
12-07	.000	6.737	.000	.000	.000	5.558	.00	.00	.00	3.30	18.339	1.818	10.800	.000	5.721	-420.854
12-08	.000	5.710	.000	.000	.000	4.711	.00	.00	.00	3.30	15.544	1.540	10.800	.000	3.204	-419.130
12-09	.000	4.971	.000	.000	.000	4.101	.00	.00	.00	3.30	13.531	1.341	10.800	.000	1.390	-418.450
12-10	.000	4.409	.000	.000	.000	3.637	.00	.00	.00	3.30	12.000	1.189	10.800	.000	.011	-418.445
12-11																
12-12																
12-13																
12-14																
12-15																
12-16																
12-17																
12-18																
12-19																
12-20																
12-21																
12-22																
12-23																
12-24																
12-25																
12-26																
S TOT	.000	92.147	.000	.000	.000	76.021	.00	.00	.00	3.30	250.831	24.859	86.400	582.585	-443.013	-418.445
REM.	.000	.000	.000	.000	.000	.000	.00	.00	.00	.00	.000	.000	.000	.000	.000	-418.445
TOT	.000	92.147	.000	.000	.000	76.021	.00	.00	.00	3.30	250.831	24.859	86.400	582.585	-443.013	-418.445
CUM.	.000	.000														
ULT.	.000	92.147														
-----PRESENT WORTH PROFILE-----																
BTAX RATE OF RETURN (PCT)			.00		PROJECT LIFE (YEARS)						9.000		.0	-443.013	30.0	-371.054
BTAX PAYOUT			LIFE		DISCOUNT RATE (PCT)						10.000		2.0	-438.207	35.0	-360.251
BTAX PAYOUT (DISC)			LIFE		GROSS OIL WELLS						.000		5.0	-430.855	40.0	-349.923
BTAX NET INCOME/INVEST			.24		GROSS GAS WELLS						1.000		8.0	-423.414	45.0	-340.068
BTAX NET INCOME/INVEST (DISC)			.21		GROSS WELLS						1.000		10.0	-418.445	50.0	-330.667
													12.0	-413.487	60.0	-313.170
INITIAL W.I. FRACTION			1.000000		INITIAL NET OIL FRACTION						.000000		15.0	-406.105	70.0	-297.274
FINAL W.I. FRACTION			1.000000		FINAL NET OIL FRACTION						.000000		18.0	-398.815	80.0	-282.809
PRODUCTION START DATE			1/01/03		INITIAL NET GAS FRACTION						.825000		20.0	-394.025	90.0	-269.618
MONTHS IN FIRST LINE			12.00		FINAL NET GAS FRACTION						.825000		25.0	-382.320	100.0	-257.555
WATER GROSS PROD. (MU)			3.615		WATER NET PRODUCTION (MU)						2.983		WATER	NET REVENUES (M\$)		.000

OGRE(R) V2.2 BTAX
 FILE NAME: wpcp (18191)
 CASE NAME: ROSA UNIT # 32C DK
 101 ROSA UNIT #32C DK
 102 2002 SJB DRILLING PROGRAM
 103 DAKOTA
 104 LSD

-32C -1PDP-RLG-4367.02 -BASIN

DATE: 07/21/04
 TIME: 07:31:32

CASE \$COM_BOB
 * 120 1 99 12 1 1 2002 10 2
 * 121 36
 * 130 INVEST -DB200 7 0 0 0 0
 * 131 DRLG -DB200 7 0 0 0 0
 * 132 COMP -DB200 7 0 0 0 0
 * 133 GATHPL -DB200 10 0 0 0 0
 * 134 PLATFAC -DB200 10 0 0 0 0
 * 135 NETLND -DB200 7 0 0 0 0
 * 136 NETSEIS -DB200 7 0 0 0 0
 * 137 GRSOTH -DB200 7 0 0 0 0
 * 138 NETACQ -DB200 7 0 0 0 0
 * 139 NTSALE -DB200 7 0 0 0 0
 * 160 SET RPTFRM = 2
 * 165 SET SHRINK = GAS
 * 698 SET IDCAMORT = MAJOR
 * 699 SET FEDTAX = 38

	W.I. FRACTION	OP. COST (\$/W/MO)	OP. COST (\$/MO.)	ADV. TAX (PCT)	MAJOR PH. NAME	PROD DATE (MO/DY/YR)	
210	1.00000000	.00	900.00	1.000	GAS	1/01/2003	
	PHASE NAME	CUM PROD (MUNITS)	REV. INT FRACTION	PRICE (\$/UNIT)	SEV. TAX (PCT)	NO. OF WELLS	RATIO TO MAJOR PH
222	GAS	.000	.82500000	4.000	9.000	1.0	
224	WATER	.000	.82500000	.000	.000	.0	

	PH. NAME	CURVE TP	DECLINE%	QI RATE	QT RATE	CUM. LIMIT	(M OR Y)	CALC VALUE
410	GAS	114.490	92.940	5840.480	X	5.000	%	
CALC	GAS	114.490	END= 5.000	5840.480	186.201	20.699	YRS	118.159 MCF
411	GAS	EXP	LAST	LAST	X	35.000	IYRS	
CALC	GAS	EXP	END= 5.000	186.201	30.925	55.699	YRS	154.486 MCF
420	WATER	EXP	23.310	90.810	.500	X	X	
CALC	WATER	EXP	END= 23.310	90.810	.500	23.600	YRS	4.083 M-UNITS

600 SERIES LINES:

DATA BTU : 0.977 TO LIFE

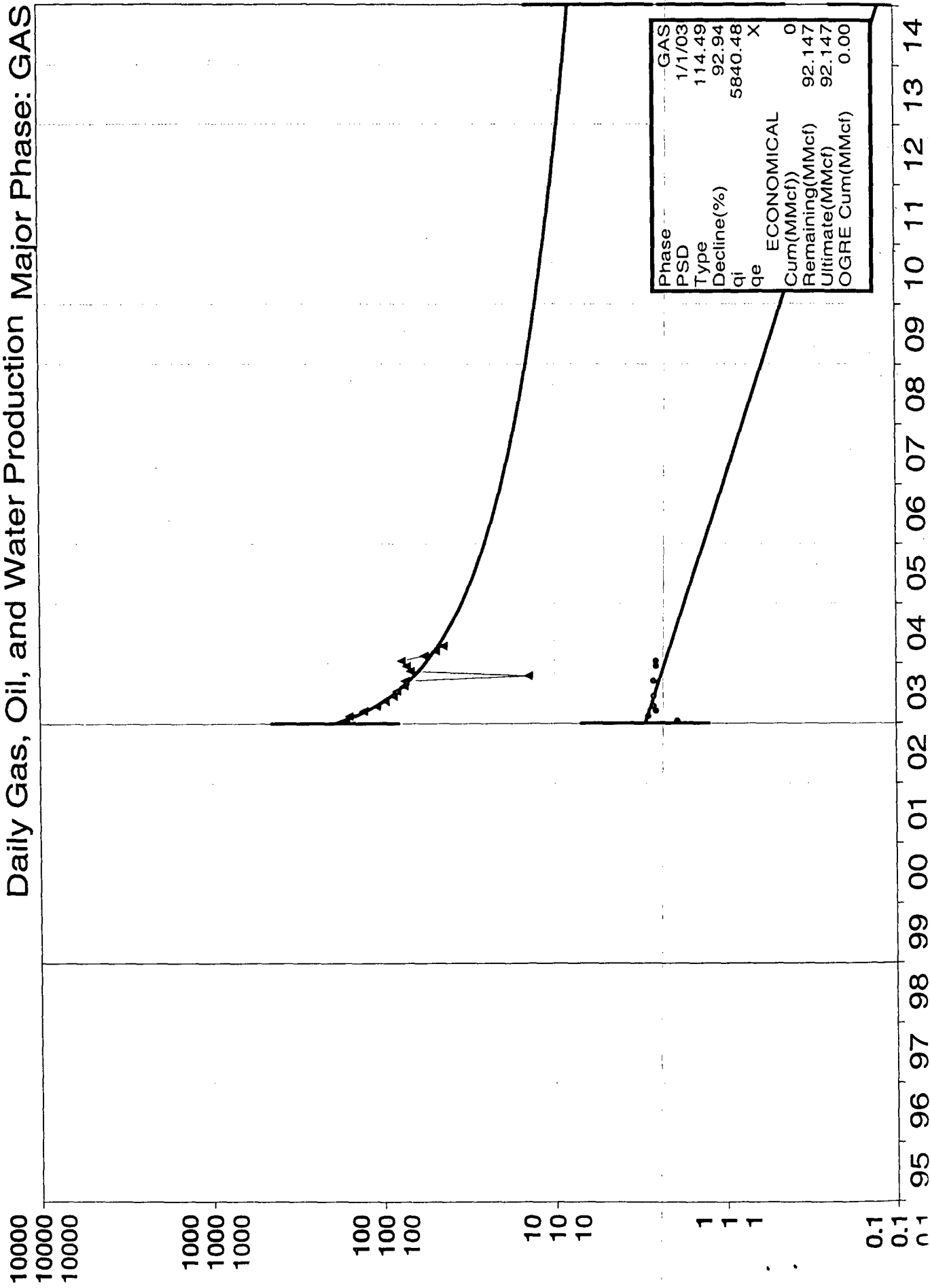
629 CASE \$ARR17_OP_POV_MAY04
 630 ! CONTRACT J99 GATH DEDUCT / MMBTU
 630 COMPUTE GASP = GASP - 0.4187
 640 ! GATHERING SHRINKAGE
 640 COMPUTE GASP = GASP * 0.943

	INV NAME	INV. POINT	(G OR N)	TANG-M\$	INTANG-M\$	LSEHLD-M\$	RISK FRAC	OVHD FLAG
805	INVEST	.000 MOS	G	148.530	434.055	.000		

ECONOMIC LIFE (YRS): 9.000
 GROSS GAS (MMCF): 92.147
 GROSS WATER (MU): 3.615

ROSA UNIT # 32C DK 32C 31N 6W SEC 21 NE NW NW

Daily Gas, Oil, and Water Production Major Phase: GAS



ROSA UNIT #41B DK
2002 SJB DRILLING PROGRAM
DAKOTA
LSD

DATE: 07/21/04
TIME: 07:34:43
FILE: wpcp
PROP: 18185
STID: COMROS
CMD: CURRENT:
OUT: SJB0902

R E S E R V E S A N D E C O N O M I C S

AS OF JANUARY 1, 2002

-END- MO-YR	---GROSS PRODUCTION---			---NET PRODUCTION---			--PRICES--		-----OPERATIONS, M\$-----			CAPITAL COSTS, M\$	CASH FLOW BTAX, M\$	10.00 PCT CUM. DISC BTAX, M\$
	OIL, MBBL	GAS, MMCF	MMCF	OIL, MBBL	GAS, MMCF	MMCF	OIL \$/B	GAS \$/M	NET OPER REVENUES	SEV+ADV TAXES	NET OPER EXPENSES			
12-02	.000	6.250	.000	.000	5.156	.00	3.29	16.960	1.680	.900	413.481	-399.101	-365.764	
12-03	.000	29.629	.000	.000	24.444	.00	3.29	80.405	7.968	10.800	.000	61.637	-312.338	
12-04	.000	13.088	.000	.000	10.798	.00	3.29	35.519	3.520	10.800	.000	21.199	-295.633	
12-05	.000	8.909	.000	.000	7.350	.00	3.29	24.177	2.396	10.800	.000	10.981	-287.767	
12-06	.000	6.875	.000	.000	5.672	.00	3.29	18.657	1.849	10.800	.000	6.008	-283.854	
12-07	.000	5.650	.000	.000	4.661	.00	3.29	15.332	1.520	10.800	.000	3.012	-282.071	
12-08	.000	4.825	.000	.000	3.981	.00	3.29	13.095	1.298	10.800	.000	.997	-281.534	
12-09														
12-10														
12-11														
12-12														
12-13														
12-14														
12-15														
12-16														
12-17														
12-18														
12-19														
12-20														
12-21														
12-22														
12-23														
12-24														
12-25														
12-26														
S TOT	.000	75.226	.000	.000	62.062	.00	3.29	204.145	20.231	65.700	413.481	-295.267	-281.534	
REM.	.000	.000	.000	.000	.000	.00	.00	.000	.000	.000	.000	.000	-281.534	
TOT	.000	75.226	.000	.000	62.062	.00	3.29	204.145	20.231	65.700	413.481	-295.267	-281.534	
CUM.	.000	.000												
ULT.	.000	75.226												
-----PRESENT WORTH PROFILE-----														
DISC PW OF NET DISC PW OF NET														
RATE BTAX, M\$ RATE BTAX, M\$														

BTAX RATE OF RETURN (PCT)				.00	PROJECT LIFE (YEARS)				7.000	.0	-295.267	30.0	-254.203	
BTAX PAYOUT				LIFE	DISCOUNT RATE (PCT)				10.000	2.0	-292.605	35.0	-247.829	
BTAX PAYOUT (DISC)				LIFE	GROSS OIL WELLS				.000	5.0	-288.511	40.0	-241.687	
BTAX NET INCOME/INVEST				.29	GROSS GAS WELLS				1.000	8.0	-284.337	45.0	-235.782	
BTAX NET INCOME/INVEST (DISC)				.26	GROSS WELLS				1.000	10.0	-281.534	50.0	-230.112	
										12.0	-278.728	60.0	-219.463	
INITIAL W.I. FRACTION				1.000000	INITIAL NET OIL FRACTION				.000000	15.0	-274.522	70.0	-209.678	
FINAL W.I. FRACTION				1.000000	FINAL NET OIL FRACTION				.000000	18.0	-270.343	80.0	-200.686	
PRODUCTION START DATE				12/01/02	INITIAL NET GAS FRACTION				.825000	20.0	-267.584	90.0	-192.412	
MONTHS IN FIRST LINE				12.00	FINAL NET GAS FRACTION				.825000	25.0	-260.796	100.0	-184.779	
WATER	GROSS PROD. (MU)			3.754	WATER	NET PRODUCTION (MU)			3.099	WATER	NET REVENUES (M\$)			.000

OGRE(R) V2.2 BTAX
 FILE NAME: wpcp (18185)
 CASE NAME: ROSA UNIT # 41B DK
 101 ROSA UNIT #41B DK
 102 2002 SJB DRILLING PROGRAM
 103 DAKOTA
 104 LSD

DATA REPORT
 -41B -1PDP-RLG-4887.02 -BASIN

DATE: 07/21/04
 TIME: 07:34:43

/ CASE \$COM_BOB
 * 120 1 99 12 1 1 2002 10 2
 * 121 36
 * 130 INVEST -DB200 7 0 0 0 0
 * 131 DRLG -DB200 7 0 0 0 0
 * 132 COMP -DB200 7 0 0 0 0
 * 133 GATHPL -DB200 10 0 0 0 0
 * 134 PLATFAC -DB200 10 0 0 0 0
 * 135 NETLND -DB200 7 0 0 0 0
 * 136 NETSEIS -DB200 7 0 0 0 0
 * 137 GRSOTH -DB200 7 0 0 0 0
 * 138 NETACQ -DB200 7 0 0 0 0
 * 139 NTSALE -DB200 7 0 0 0 0
 * 160 SET RPTFRM = 2
 * 165 SET SHRINK = GAS
 * 698 SET IDCAMORT = MAJOR
 * 699 SET FEDTAX = 38

	W.I. FRACTION	OP. COST (\$/W/MO)	OP. COST (\$/MO.)	ADV. TAX (PCT)	MAJOR PH. NAME	PROD DATE (MO/DY/YR)	
210	1.00000000	.00	900.00	1.000	GAS	12/01/2002	
	PHASE NAME	CUM PROD (MUNITS)	REV. INT FRACTION	PRICE (\$/UNIT)	SEV. TAX (PCT)	NO. OF WELLS	RATIO TO MAJOR PH
222	GAS	.000	.82500000	4.000	9.000	1.0	
224	WATER	.000	.82500000	.000	.000	.0	

	PH. NAME	CURVE TP	DECLINE%	QI RATE	QT RATE	CUM. LIMIT	(M OR Y)	CALC VALUE
410	GAS	121.620	99.320	7445.870	X	5.000	%	
CALC	GAS	121.620	END= 5.000	7445.870	172.673	19.782	YRS	104.041 MMCF
411	GAS	EXP	5.000	172.600	X	35.000	IYRS	
CALC	GAS	EXP	END= 5.000	172.600	28.666	54.782	YRS	137.714 MMCF
420	WATER	EXP	21.960	99.600	X	35.000	IYRS	
CALC	WATER	EXP	END= 21.960	99.600	.017	38.917	YRS	4.820 M-UNITS

600 SERIES LINES:

DATA BTU : 0.974 TO LIFE

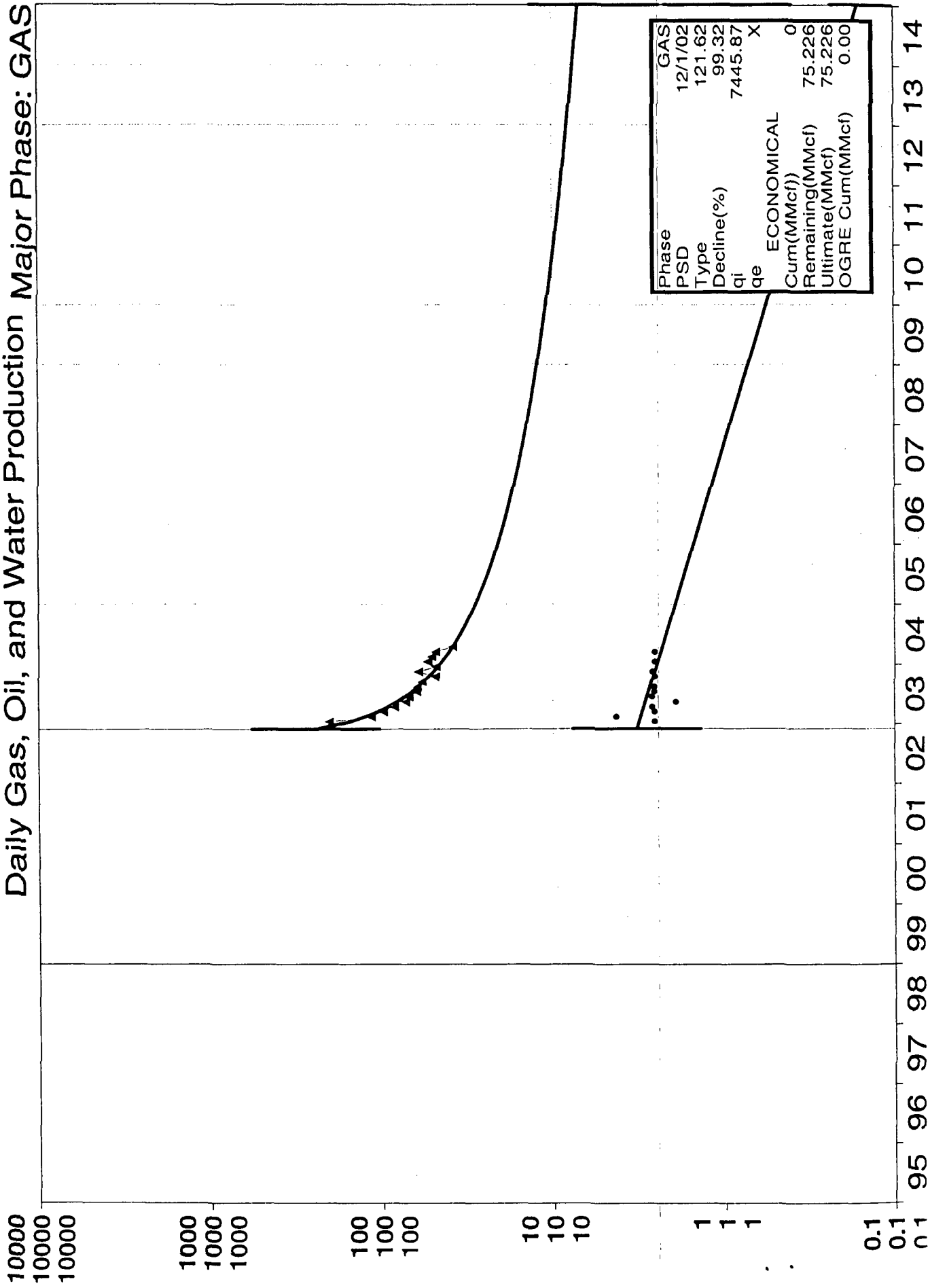
629 CASE \$ARR17_OP_POV_MAY04
 630 ! CONTRACT J99 GATH DEDUCT / MMBTU
 630 COMPUTE GASP = GASP - 0.4187
 640 ! GATHERING SHRINKAGE
 640 COMPUTE GASP = GASP * 0.943

	INV NAME	INV. POINT	(G OR N)	TANG-M\$	INTANG-M\$	LSEHLD-M\$	RISK FRAC	OVHD FLAG
805	INVEST	.000 MOS	G	114.410	299.071	.000		

ECONOMIC LIFE (YRS): 7.000
 GROSS GAS (MMCF): 75.226
 GROSS WATER (MU): 3.754

ROSA UNIT # 41B DK 41B 31N 5W 5M

Daily Gas, Oil, and Water Production Major Phase: GAS



ROSA UNIT 91B
RIO ARriba COUNTY, NM
BASIN (DAKOTA) FIELD
WILLIAMS PROD CO

DATE: 07/21/04
TIME: 08:17:49
FILE: WPCP
PROP: 7344
STID: COMROS
.CMD: CURRENT:
.OUT: SUB0902

RESERVES AND ECONOMICS

AS OF JANUARY 1, 2002

-END- MO-YR	---GROSS PRODUCTION---				---NET PRODUCTION---				---PRICES---		-----OPERATIONS, M\$-----			CAPITAL COSTS, M\$	CASH FLOW BTAX, M\$	10.00 PCT CUM. DISC	
	OIL, MMBL	GAS, MMCF			OIL, MMBL	GAS, MMCF			OIL \$/B	GAS \$/M	NET OPER REVENUES	SEV+ADV TAXES	NET OPER EXPENSES			BTAX, M\$	M\$
12-02	.000	62.253			.000	51.359			.00	3.77	193.541	19.180	36.865	400.641	-263.145	-269.544	
12-03	.000	27.906			.000	23.022			.00	3.77	86.756	8.597	22.484	.000	55.675	-221.286	
12-04	.000	20.646			.000	17.033			.00	3.77	64.187	6.361	19.444	.000	38.382	-191.042	
12-05	.000	16.970			.000	14.000			.00	3.77	52.758	5.228	17.905	.000	29.625	-169.820	
12-06	.000	14.663			.000	12.097			.00	3.77	45.586	4.518	16.939	.000	24.129	-154.107	
12-07	.000	13.048			.000	10.765			.00	3.77	40.567	4.020	16.263	.000	20.284	-142.098	
12-08	.000	11.841			.000	9.769			.00	3.77	36.813	3.648	15.758	.000	17.407	-132.729	
12-09	.000	10.895			.000	8.988			.00	3.77	33.870	3.356	15.362	.000	15.152	-125.315	
12-10	.000	10.131			.000	8.358			.00	3.77	31.496	3.122	15.042	.000	13.332	-119.385	
12-11	.000	9.495			.000	7.833			.00	3.77	29.518	2.926	14.776	.000	11.816	-114.607	
12-12	.000	8.959			.000	7.391			.00	3.77	27.852	2.760	14.551	.000	10.541	-110.732	
12-13	.000	8.495			.000	7.008			.00	3.77	26.409	2.617	14.357	.000	9.435	-107.579	
12-14	.000	8.070			.000	6.658			.00	3.77	25.090	2.486	14.179	.000	8.425	-105.019	
12-15	.000	7.667			.000	6.325			.00	3.77	23.835	2.362	14.010	.000	7.463	-102.958	
12-16	.000	7.283			.000	6.008			.00	3.77	22.641	2.244	13.849	.000	6.548	-101.314	
12-17	.000	6.919			.000	5.708			.00	3.77	21.510	2.132	13.697	.000	5.681	-100.017	
12-18	.000	6.573			.000	5.423			.00	3.77	20.436	2.025	13.552	.000	4.859	-99.009	
12-19	.000	6.245			.000	5.152			.00	3.77	19.415	1.924	13.415	.000	4.076	-98.240	
12-20	.000	5.932			.000	4.894			.00	3.77	18.443	1.828	13.284	.000	3.331	-97.669	
12-21	.000	5.635			.000	4.649			.00	3.77	17.519	1.736	13.159	.000	2.624	-97.260	
12-22	.000	5.354			.000	4.417			.00	3.77	16.645	1.649	13.042	.000	1.954	-96.983	
12-23	.000	5.086			.000	4.196			.00	3.77	15.812	1.567	12.930	.000	1.315	-96.814	
12-24	.000	4.832			.000	3.986			.00	3.77	15.021	1.489	12.823	.000	.709	-96.731	
12-25	.000	4.591			.000	3.788			.00	3.77	14.275	1.415	12.722	.000	.138	-96.716	
12-26																	
S TOT	.000	289.489			.000	238.827			.00	3.77	899.995	89.190	380.408	400.641	29.756	-96.716	
REM.	.000	.000			.000	.000			.00	.00	.000	.000	.000	.000	.000	-96.716	
TOT	.000	289.489			.000	238.827			.00	3.77	899.995	89.190	380.408	400.641	29.756	-96.716	
CUM.	.000	.000															
ULT.	.000	289.489															
-----PRESENT WORTH PROFILE-----																	

OGRE(R) V2.2 BTAX
 FILE NAME: WPCP (7344)
 CASE NAME: ROSA UNIT # 91B DK DUAL
 101 ROSA UNIT 91B
 102 RIO ARriba COUNTY, NM
 103 BASIN (DAKOTA) FIELD
 104 WILLIAMS PROD CO

-91B

DATA REPORT
 -1PDP-RLG-4261.02 -BASIN

DATE: 07/21/04
 TIME: 08:17:49

/ CASE \$COM_BOB
 * 120 1 99 12 1 1 2002 10 2
 * 121 36
 * 130 INVEST -DB200 7 0 0 0 0
 * 131 DRLG -DB200 7 0 0 0 0
 * 132 COMP -DB200 7 0 0 0 0
 * 133 GATHPL -DB200 10 0 0 0 0
 * 134 PLATFAC -DB200 10 0 0 0 0
 * 135 NETLND -DB200 7 0 0 0 0
 * 136 NETSEIS -DB200 7 0 0 0 0
 * 137 GRSOTH -DB200 7 0 0 0 0
 * 138 NETACQ -DB200 7 0 0 0 0
 * 139 NTSale -DB200 7 0 0 0 0
 * 160 SET RPTFRM = 2
 * 165 SET SHRINK = GAS
 * 698 SET IDCAMORT = MAJOR
 * 699 SET FEDTAX = 38

	W.I. FRACTION	OP. COST (\$/W/MO)	OP. COST (\$/MO.)	ADV. TAX (PCT)	MAJOR PH. NAME	PROD DATE (MO/DY/YR)	
210	1.00000000	.00	900.00	1.000	GAS	1/01/2002	
	PHASE NAME	CUM PROD (MUNITS)	REV. INT FRACTION	PRICE (\$/UNIT)	SEV. TAX (PCT)	NO. OF WELLS	RATIO TO MAJOR PH
222	GAS	.000	.82500000	4.000	9.000	1.0	
223	WATER	.000	.82500000	.000	.000	.0	

	PH. NAME	CURVE TP	DECLINE%	QI RATE	QT RATE	CUM. LIMIT	(M OR Y)	CALC VALUE
410	GAS	171.180	99.999	16716.310	X	5.000	%	M
CALC	GAS	171.180	END= 5.000	16716.310	713.710	14.338	YRS	M 209.723 MMCF
411	GAS	EXP	5.000	713.750	X	35.000	IYRS	M
CALC	GAS	EXP	END= 5.000	713.750	118.542	49.338	YRS	M 348.971 MMCF
415	WATER	EXP	17.990	113.410	10.380	X	X	M
612 ! GAS GATHERING								
CALC	WATER	EXP	END= 17.990	113.410	10.380	15.056	YRS	M 6.234 M-UNITS

600 SERIES LINES:

DATA GASC : .4187 TO LIFE
 613 COMPUTE GASC = GASC * BTU
 632 ! SHRINK
 632 COMPUTE GASP = GASP * 0.9421

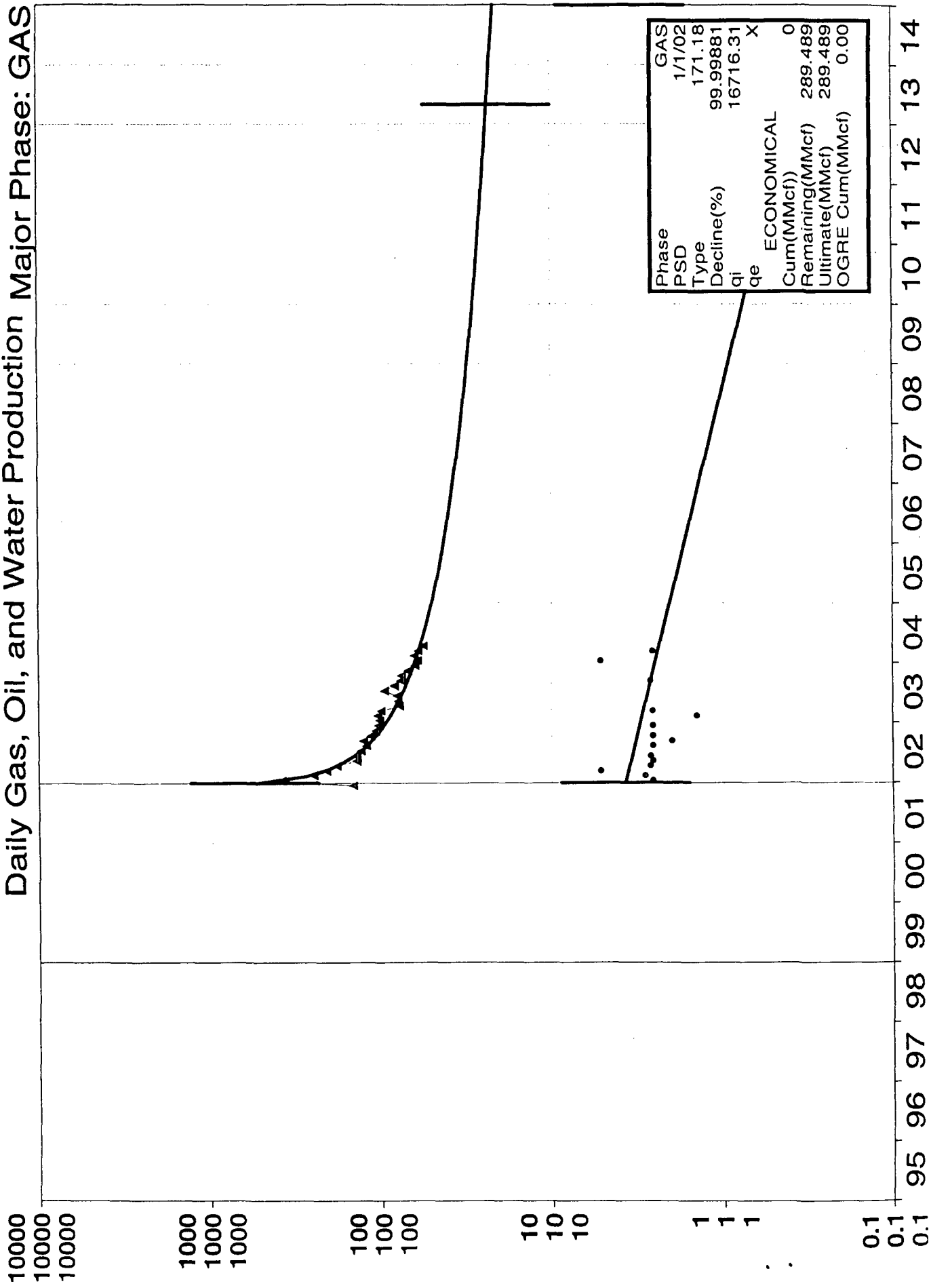
	INV NAME	INV. POINT	(G OR N)	TANG-M\$	INTANG-M\$	LSEHLD-M\$	RISK FRAC	OVHD FLAG
805	INVEST	.000 MOS	G	114.410	286.231	.000		

853 CASE \$GATHNET

ECONOMIC LIFE (YRS): 24.000
 GROSS GAS (MMCF): 289.489
 GROSS WATER (MU): 6.234

ROSA UNIT # 91B DK DUAL 91B 32N 6W 35P

Daily Gas, Oil, and Water Production Major Phase: GAS



DATE: 07/20/04
TIME: 14:21:59
FILE: wpcp
PROP: 7329
STID: COMROS
.CMD: CURRENT:
.OUT: SJB0902

RESERVES AND ECONOMICS

AS OF JANUARY 1, 2002

--END-- MO-YR	---GROSS PRODUCTION---		----NET PRODUCTION----		--PRICES--		-----OPERATIONS, M\$-----			CAPITAL COSTS, M\$	CASH FLOW BTAX, M\$	10.00 PCT CUM. DISC BTAX, M\$
	OIL, MMBL	GAS, MMCF	OIL, MMBL	GAS, MMCF	OIL \$/B	GAS \$/M	NET OPER REVENUES	SEV+ADV TAXES	NET OPER EXPENSES			
12-02	.000	40.776	.000	33.640	.00	3.77	126.769	12.563	27.873	444.049	-357.716	-361.734
12-03	.000	17.489	.000	14.428	.00	3.77	54.370	5.388	18.123	.000	30.859	-334.986
12-04	.000	11.913	.000	9.828	.00	3.77	37.036	3.670	15.788	.000	17.578	-321.135
12-05	.000	9.216	.000	7.603	.00	3.77	28.651	2.840	14.659	.000	11.152	-313.146
12-06	.000	7.593	.000	6.264	.00	3.77	23.605	2.339	13.979	.000	7.287	-308.401
12-07	.000	6.499	.000	5.362	.00	3.77	20.206	2.003	13.521	.000	4.682	-305.629
12-08	.000	5.705	.000	4.707	.00	3.77	17.738	1.757	13.189	.000	2.792	-304.126
12-09	.000	5.101	.000	4.208	.00	3.77	15.857	1.571	12.936	.000	1.350	-303.465
12-10	.000	4.623	.000	3.814	.00	3.77	14.373	1.425	12.736	.000	.212	-303.371
12-11												
12-12												
12-13												
12-14												
12-15												
12-16												
12-17												
12-18												
12-19												
12-20												
12-21												
12-22												
12-23												
12-24												
12-25												
12-26												
S TOT	.000	108.915	.000	89.854	.00	3.77	338.605	33.556	142.804	444.049	-281.804	-303.371
REM.	.000	.000	.000	.000	.00	.00	.000	.000	.000	.000	.000	-303.371
TOT	.000	108.915	.000	89.854	.00	3.77	338.605	33.556	142.804	444.049	-281.804	-303.371
CUM.	.000	.000										
ULT.	.000	108.915										
BTAX RATE OF RETURN (PCT)			.00	PROJECT LIFE (YEARS)			9.000		.0	-281.804	30.0	-329.874
BTAX PAYOUT			LIFE	DISCOUNT RATE (PCT)			10.000		2.0	-286.814	35.0	-334.527
BTAX PAYOUT (DISC)			LIFE	GROSS OIL WELLS			.000		5.0	-293.615	40.0	-338.668
BTAX NET INCOME/INVEST			.37	GROSS GAS WELLS			1.000		8.0	-299.679	45.0	-342.381
BTAX NET INCOME/INVEST (DISC)			.32	GROSS WELLS			1.000		10.0	-303.371	50.0	-345.733
									12.0	-306.815	60.0	-351.561
INITIAL W.I. FRACTION		1.000000		INITIAL NET OIL FRACTION			.000000		15.0	-311.568	70.0	-356.469
FINAL W.I. FRACTION		1.000000		FINAL NET OIL FRACTION			.000000		18.0	-315.890	80.0	-360.673
PRODUCTION START DATE		1/01/02		INITIAL NET GAS FRACTION			.825000		20.0	-318.560	90.0	-364.322
MONTHS IN FIRST LINE		12.00		FINAL NET GAS FRACTION			.825000		25.0	-324.598	100.0	-367.535
WATER GROSS PROD. (MU)		6.907	WATER NET PRODUCTION (MU)				5.699	WATER NET REVENUES (M\$)				.000

OGRE(R) V2.2 BTAX
 FILE NAME: wpcp (7329)
 CASE NAME: ROSA UNIT # 149B DK DUAL
 101 ROSA UNIT 149B
 102 RIO ARriba COUNTY, NM
 103 BASIN (DAKOTA) FIELD
 104 WILLIAMS PROD CO

DATA REPORT
 -149B -1PDP-RLG-4239.02 -BASIN

DATE: 07/20/04
 TIME: 14:21:59

CASE \$COM_BOB
 * 120 1 99 12 1 1 2002 10 2
 * 121 36
 * 130 INVEST -DB200 7 0 0 0 0
 * 131 DRLG -DB200 7 0 0 0 0
 * 132 COMP -DB200 7 0 0 0 0
 * 133 GATHPL -DB200 10 0 0 0 0
 * 134 PLATFAC -DB200 10 0 0 0 0
 * 135 NETLND -DB200 7 0 0 0 0
 * 136 NETSEIS -DB200 7 0 0 0 0
 * 137 GRSOTH -DB200 7 0 0 0 0
 * 138 NETACQ -DB200 7 0 0 0 0
 * 139 NTSALE -DB200 7 0 0 0 0
 * 160 SET RPTFRM = 2
 * 165 SET SHRINK = GAS
 * 698 SET IDCAMORT = MAJOR
 * 699 SET FEDTAX = 38

	W.I. FRACTION	OP. COST (\$/W/MO)	OP. COST (\$/MO.)	ADV. TAX (PCT)	MAJOR PH. NAME	PROD DATE (MO/DY/YR)
210	1.00000000	.00	900.00	1.000	GAS	1/01/2002

	PHASE NAME	CUM PROD (MUNITS)	REV. INT FRACTION	PRICE (\$/UNIT)	SEV. TAX (PCT)	NO. OF WELLS	RATIO TO MAJOR PH
222	GAS	.000	.82500000	4.000	9.000	1.0	
223	WATER	.000	.82500000	.000	.000	.0	

	PH. NAME	CURVE TP	DECLINE%	QI RATE	QT RATE	CUM. LIMIT	(M OR Y)	CALC VALUE
409	GAS	124.480	98.020	7825.870	1036.830	X X	M	
CALC	GAS	124.480END=	27.153	7825.870	1036.830	5.331 YRS	M	62.617 MMCF
410	GAS	124.480	27.150	1036.830	X	5.000 %	M	
CALC	GAS	124.480END=	5.000	1036.830	240.171	18.457 YRS	M	131.693 MMCF
411	GAS	EXP	5.000	240.140	X	35.000 IYRS	M	
CALC	GAS	EXP END=	5.000	240.140	39.883	53.457 YRS	M	178.543 MMCF
415	WATER	EXP	20.120	149.040	.780	X X	M	
612 ! GAS GATHERING								
CALC	WATER	EXP END=	20.120	149.040	.780	26.382 YRS	M	7.920 M-UNITS

SERIES LINES:

612 DATA GASC : .4187 TO LIFE
 613 COMPUTE GASC = GASC * BTU
 632 ! SHRINK
 632 COMPUTE GASP = GASP * 0.9421

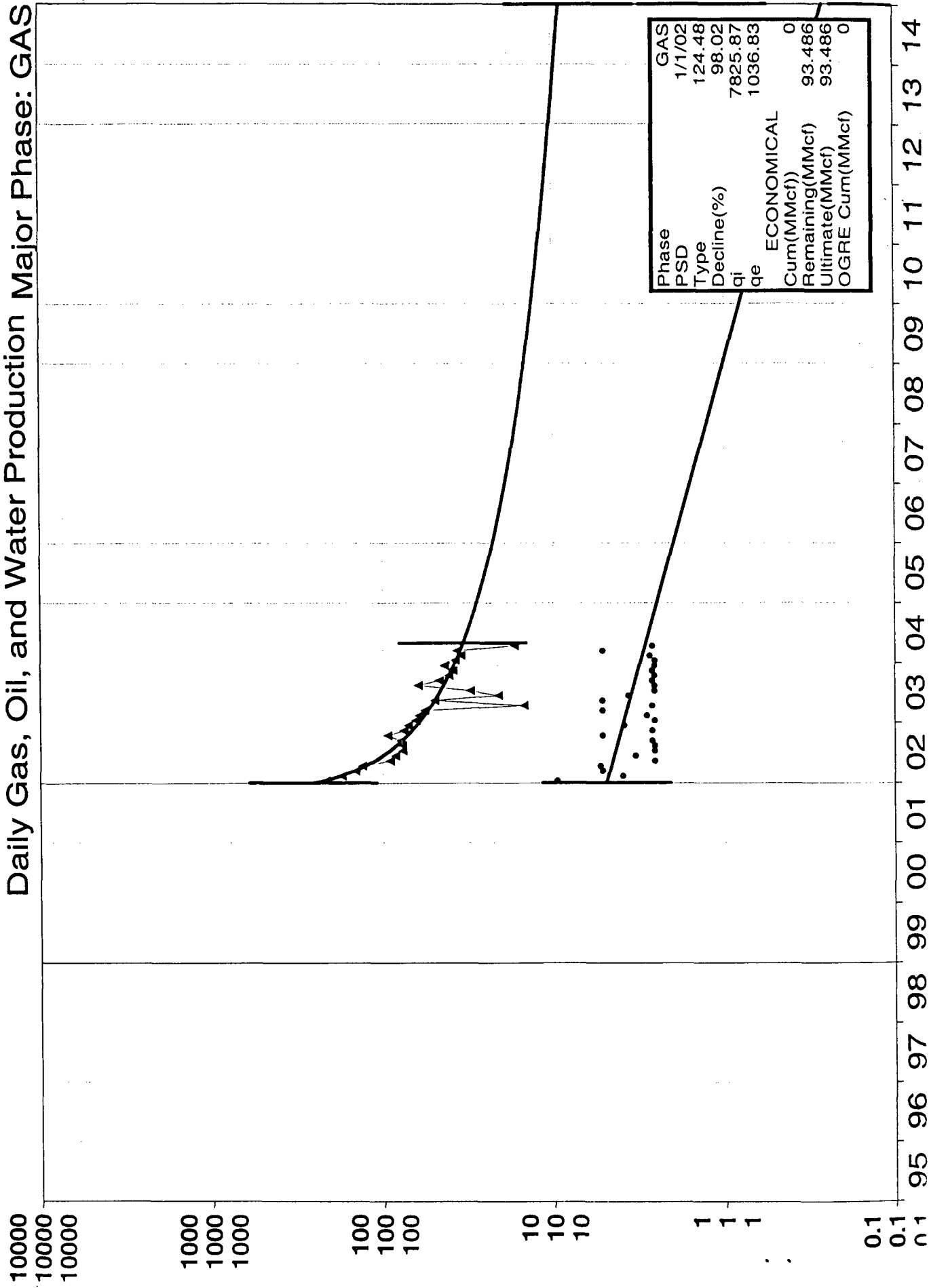
	INV NAME	INV. POINT	(G OR N)	TANG-M\$	INTANG-M\$	LSEHLD-M\$	RISK FRAC	OVHD FLAG
805	INVEST	.000 MOS	G	127.876	316.173	.000		

853 CASE \$GATHNET

ECONOMIC LIFE (YRS): 9.000
 GROSS GAS (MMCF): 108.915
 GROSS WATER (MU): 6.907

ROSA UNIT # 49B DK DUAL 149B 31N 6W 12J

Daily Gas, Oil, and Water Production Major Phase: GAS



ROSA UNIT #164B DK
2002 SJB DRILLING PROGRAM
DAKOTA
LSD

DATE: 07/20/04
TIME: 14:44:59
FILE: wpcp
PROP: 18167
STID: COMROS
.CMD: CURRENT:
.OUT: SJB0902

RESERVES AND ECONOMICS

AS OF JANUARY 1, 2002

-END- MO-YR	---GROSS PRODUCTION---				---NET PRODUCTION---				---PRICES---		-----OPERATIONS, M\$-----			CAPITAL COSTS, M\$	CASH FLOW BTAX, M\$	10.00 PCT CUM. DISC BTAX, M\$
	OIL,	MBBL	GAS,	MMCF	OIL,	MBBL	GAS,	MMCF	OIL \$/B	GAS \$/M	NET OPER REVENUES	SEV+ADV TAXES	NET OPER EXPENSES			
12-02	.000		3.678		.000		3.034		.00	3.31	10.041	.995	.900	501.647	-493.501	-452.244
12-03	.000		24.154		.000		19.927		.00	3.31	65.951	6.536	10.800	.000	48.615	-410.105
12-04	.000		14.067		.000		11.605		.00	3.31	38.408	3.807	10.800	.000	23.801	-391.350
12-05	.000		10.761		.000		8.878		.00	3.31	29.383	2.911	10.800	.000	15.672	-380.123
12-06	.000		8.967		.000		7.398		.00	3.31	24.485	2.427	10.800	.000	11.258	-372.791
12-07	.000		7.805		.000		6.439		.00	3.31	21.311	2.112	10.800	.000	8.399	-367.819
12-08	.000		6.979		.000		5.758		.00	3.31	19.057	1.888	10.800	.000	6.369	-364.391
12-09	.000		6.353		.000		5.241		.00	3.31	17.346	1.719	10.800	.000	4.827	-362.029
12-10	.000		5.858		.000		4.833		.00	3.31	15.995	1.586	10.800	.000	3.609	-360.424
12-11	.000		5.456		.000		4.501		.00	3.31	14.897	1.477	10.800	.000	2.620	-359.365
12-12	.000		5.120		.000		4.224		.00	3.31	13.980	1.385	10.800	.000	1.795	-358.705
12-13	.000		4.835		.000		3.989		.00	3.31	13.202	1.308	10.800	.000	1.094	-358.339
12-14	.000		4.588		.000		3.785		.00	3.31	12.527	1.241	10.800	.000	.486	-358.191
12-15																
12-16																
12-17																
12-18																
12-19																
12-20																
12-21																
12-22																
12-23																
12-24																
12-25																
12-26																
S TOT	.000		108.621		.000		89.612		.00	3.31	296.583	29.392	130.500	501.647	-364.956	-358.191
REM.	.000		.000		.000		.000		.00	.00	.000	.000	.000	.000	.000	-358.191
TOT	.000		108.621		.000		89.612		.00	3.31	296.583	29.392	130.500	501.647	-364.956	-358.191
CUM.	.000		.000													
ULT.	.000		108.621													
-----PRESENT WORTH PROFILE-----																
BTAX RATE OF RETURN (PCT)				.00	PROJECT LIFE (YEARS)						13.000		.0	-364.956	30.0	-328.606
BTAX PAYOUT				LIFE	DISCOUNT RATE (PCT)						10.000		2.0	-364.644	35.0	-320.677
BTAX PAYOUT (DISC)				LIFE	GROSS OIL WELLS						.000		5.0	-363.025	40.0	-312.875
BTAX NET INCOME/INVEST				.27	GROSS GAS WELLS						1.000		8.0	-360.379	45.0	-305.269
BTAX NET INCOME/INVEST (DISC)				.22	GROSS WELLS						1.000		10.0	-358.191	50.0	-297.894
													12.0	-355.749	60.0	-283.917
INITIAL W.I. FRACTION				1.000000	INITIAL NET OIL FRACTION						.000000		15.0	-351.720	70.0	-270.986
FINAL W.I. FRACTION				1.000000	FINAL NET OIL FRACTION						.000000		18.0	-347.373	80.0	-259.069
PRODUCTION START DATE				12/01/02	INITIAL NET GAS FRACTION						.825000		20.0	-344.356	90.0	-248.089
MONTHS IN FIRST LINE				12.00	FINAL NET GAS FRACTION						.825000		25.0	-336.558	100.0	-237.970
WATER GROSS PROD. (MU)				.000	WATER NET PRODUCTION (MU)						.000		WATER	NET REVENUES (M\$)		.000

OGRE(R) V2.2 BTAX
 FILE NAME: wpcp (18167)
 CASE NAME: ROSA UNIT # 164B DK
 101 ROSA UNIT #164B DK
 102 2002 SJB DRILLING PROGRAM
 103 DAKOTA
 104 LSD

DATA REPORT
 -164B -1PDP-RLG-4892.02 -BASIN

DATE: 07/20/04
 TIME: 14:44:59

CASE \$COM_BOB
 * 120 1 99 12 1 1 2002 10 2
 * 121 36
 * 130 INVEST -DB200 7 0 0 0 0
 * 131 DRLG -DB200 7 0 0 0 0
 * 132 COMP -DB200 7 0 0 0 0
 * 133 GATHPL -DB200 10 0 0 0 0
 * 134 PLATFAC -DB200 10 0 0 0 0
 * 135 NETLND -DB200 7 0 0 0 0
 * 136 NETSEIS -DB200 7 0 0 0 0
 * 137 GRSOTH -DB200 7 0 0 0 0
 * 138 NETACQ -DB200 7 0 0 0 0
 * 139 NTSAL -DB200 7 0 0 0 0
 * 160 SET RPTFRM = 2
 * 165 SET SHRINK = GAS
 * 698 SET IDCAMORT = MAJOR
 * 699 SET FEDTAX = 38

	W.I. FRACTION	OP. COST (\$/W/MO)	OP. COST (\$/MO.)	ADV. TAX (PCT)	MAJOR PH. NAME	PROD DATE (MO/DY/YR)	
210	1.00000000	.00	900.00	1.000	GAS	12/01/2002	
	PHASE NAME	CUM PROD (MUNITS)	REV. INT FRACTION	PRICE (\$/UNIT)	SEV. TAX (PCT)	NO. OF WELLS	RATIO TO MAJOR PH
222	GAS	.000	.82500000	4.000	9.000	1.0	
224	WATER	.000	.82500000	.000	.000	.0	

	PH. NAME	CURVE TP	DECLINE%	QI RATE	QT RATE	CUM. LIMIT	(M OR Y)	CALC VALUE
410	GAS	169.910	93.770	4070.480	X	5.000	%	
CALC	GAS	169.910	END= 5.000	4070.480	388.599	15.179	YRS	104.871 MMCF
411	GAS	EXP	LAST	LAST	X	35.000	IYRS	
CALC	GAS	EXP	END= 5.000	388.599	64.540	50.179	YRS	180.684 MMCF

600 SERIES LINES:

602 DATA BTU : 0.98 TO LIFE

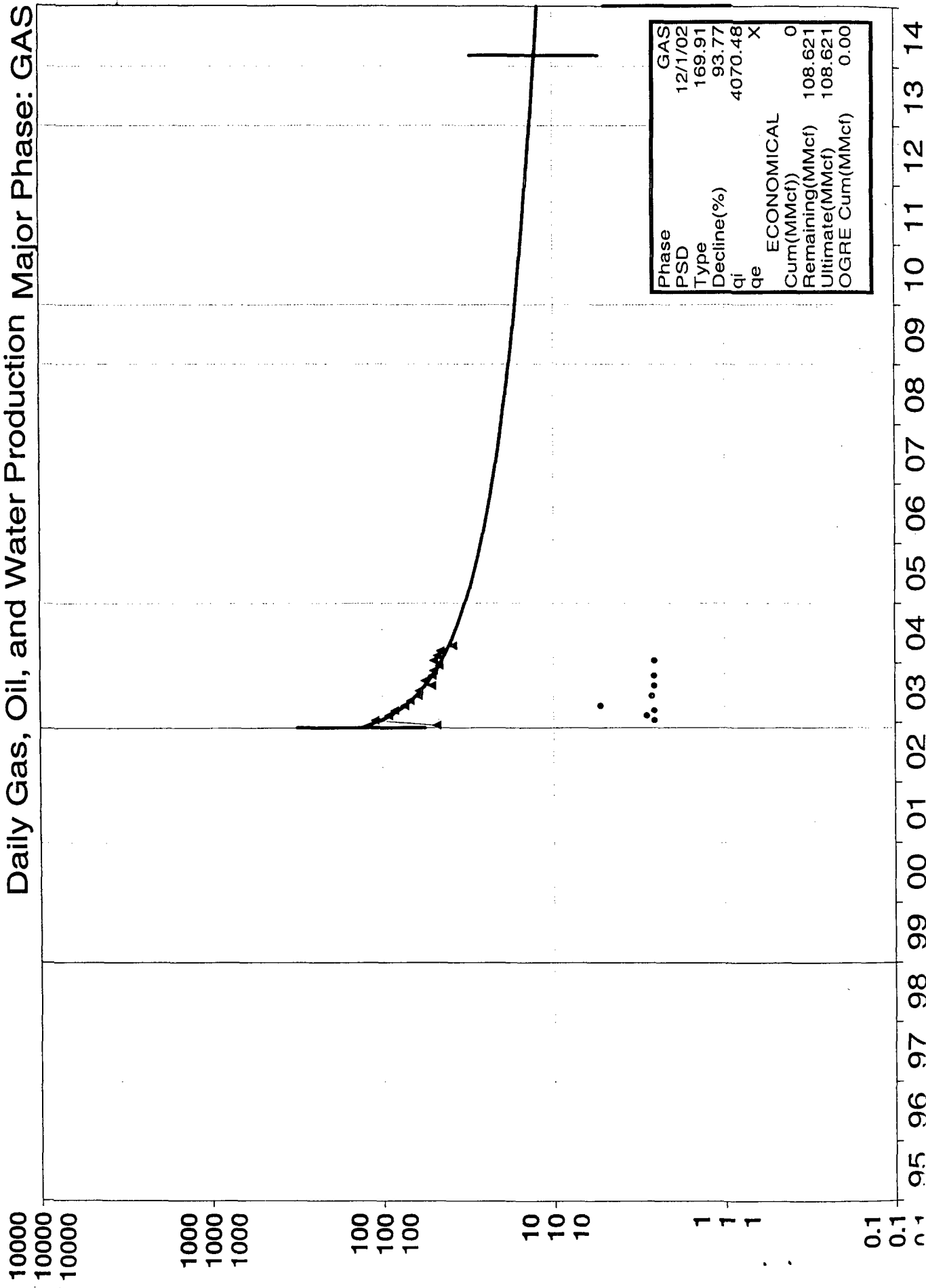
CASE \$ARR17_OP_POV_MAY04
 ! CONTRACT J99 GATH DEDUCT / MMBTU
 630 COMPUTE GASP = GASP - 0.4187
 640 ! GATHERING SHRINKAGE
 640 COMPUTE GASP = GASP * 0.943

	INV NAME	INV. POINT	(G OR N)	TANG-M\$	INTANG-M\$	LSEHLD-M\$	RISK FRAC	OVHD FLAG
805	INVEST	.000 MOS	G	188.102	313.545	.000		

ECONOMIC LIFE (YRS): 13.000
 GROSS GAS (MMCF): 108.621

ROSA UNIT # 164B DK 164B 31N 6W 1J

Daily Gas, Oil, and Water Production Major Phase: GAS



ROSA UNIT 165C
RIO ARriba COUNTY, NM
BASIN (DAKOTA) FIELD
WILLIAMS PROD CO

DATE: 07/20/04
TIME: 15:13:44
FILE: wpcp
PROP: 7331
STID: COMROS
.CMD: CURRENT:
.OUT: SJB0902

RESERVES AND ECONOMICS

AS OF JANUARY 1, 2002

-END- MO-YR	---GROSS PRODUCTION---			---NET PRODUCTION---			--PRICES--		OPERATIONS, M\$		CAPITAL COSTS, M\$	CASH FLOW BTAX, M\$	10.00 PCT CUM. DISC BTAX, M\$
	OIL, MMBL	GAS, MCF	MMCF	OIL, MMBL	GAS, MCF	MMCF	OIL \$/B	GAS \$/M	NET OPER REVENUES	SEV+ADV TAXES	NET OPER EXPENSES		
12-02	.000	25.871	.000	.000	21.344	.00	3.77	80.433	7.971	15.332	363.609	-306.479	-290.967
12-03	.000	38.088	.000	.000	31.423	.00	3.77	118.414	11.735	26.747	.000	79.932	-221.683
12-04	.000	26.833	.000	.000	22.137	.00	3.77	83.421	8.267	22.035	.000	53.119	-179.826
12-05	.000	21.776	.000	.000	17.965	.00	3.77	67.699	6.709	19.918	.000	41.072	-150.404
12-06	.000	18.739	.000	.000	15.460	.00	3.77	58.259	5.773	18.646	.000	33.840	-128.366
12-07	.000	16.662	.000	.000	13.746	.00	3.77	51.800	5.133	17.776	.000	28.891	-111.262
12-08	.000	15.128	.000	.000	12.481	.00	3.77	47.033	4.661	17.134	.000	25.238	-97.679
12-09	.000	13.936	.000	.000	11.497	.00	3.77	43.325	4.293	16.635	.000	22.397	-86.721
12-10	.000	12.978	.000	.000	10.707	.00	3.77	40.348	3.998	16.234	.000	20.116	-77.773
12-11	.000	12.185	.000	.000	10.053	.00	3.77	37.884	3.755	15.902	.000	18.227	-70.403
12-12	.000	11.516	.000	.000	9.501	.00	3.77	35.804	3.548	15.622	.000	16.634	-64.288
12-13	.000	10.931	.000	.000	9.018	.00	3.77	33.983	3.367	15.377	.000	15.239	-59.195
12-14	.000	10.385	.000	.000	8.568	.00	3.77	32.288	3.200	15.148	.000	13.940	-54.960
12-15	.000	9.865	.000	.000	8.139	.00	3.77	30.671	3.039	14.930	.000	12.702	-51.452
12-16	.000	9.373	.000	.000	7.733	.00	3.77	29.141	2.888	14.724	.000	11.529	-48.557
12-17	.000	8.903	.000	.000	7.345	.00	3.77	27.679	2.743	14.528	.000	10.408	-46.181
12-18	.000	8.459	.000	.000	6.979	.00	3.77	26.300	2.606	14.342	.000	9.352	-44.240
12-19	.000	8.035	.000	.000	6.629	.00	3.77	24.981	2.475	14.164	.000	8.342	-42.666
12-20	.000	7.634	.000	.000	6.298	.00	3.77	23.733	2.352	13.996	.000	7.385	-41.400
12-21	.000	7.252	.000	.000	5.983	.00	3.77	22.546	2.234	13.836	.000	6.476	-40.390
12-22	.000	6.890	.000	.000	5.684	.00	3.77	21.420	2.123	13.685	.000	5.612	-39.595
12-23	.000	6.545	.000	.000	5.400	.00	3.77	20.349	2.016	13.540	.000	4.793	-38.977
12-24	.000	6.217	.000	.000	5.129	.00	3.77	19.328	1.916	13.403	.000	4.009	-38.507
12-25	.000	5.907	.000	.000	4.873	.00	3.77	18.363	1.820	13.273	.000	3.270	-38.159
12-26	.000	5.612	.000	.000	4.630	.00	3.77	17.448	1.729	13.150	.000	2.569	-37.910
S TOT	.000	325.720	.000	.000	268.722	.00	3.77	1012.650	100.351	400.077	363.609	148.613	-37.910
REM.	.000	19.777	.000	.000	16.316	.00	3.77	61.485	6.093	51.480	.000	3.912	-37.588
TOT	.000	345.497	.000	.000	285.038	.00	3.77	1074.135	106.444	451.557	363.609	152.525	-37.588
CUM.	.000	.000											
ULT.	.000	345.497											
-----PRESENT WORTH PROFILE-----													
DISC PW OF NET DISC PW OF NET													
RATE BTAX, M\$ RATE BTAX, M\$													

BTAX RATE OF RETURN (PCT)		7.01	PROJECT LIFE (YEARS)		29.000				.0	152.525	30.0	-135.595	
BTAX PAYOUT		02/08/2011	DISCOUNT RATE (PCT)		10.000				2.0	93.863	35.0	-144.693	
BTAX PAYOUT (DISC)		LIFE	GROSS OIL WELLS		.000				5.0	30.012	40.0	-151.331	
BTAX NET INCOME/INVEST		1.42	GROSS GAS WELLS		1.000				8.0	-14.808	45.0	-156.206	
BTAX NET INCOME/INVEST (DISC)		.89	GROSS WELLS		1.000				10.0	-37.588	50.0	-159.787	
									12.0	-56.258	60.0	-164.246	
INITIAL W.I. FRACTION		1.000000	INITIAL NET OIL FRACTION		.000000				15.0	-78.487	70.0	-166.344	
FINAL W.I. FRACTION		1.000000	FINAL NET OIL FRACTION		.000000				18.0	-95.633	80.0	-166.978	
PRODUCTION START DATE		8/01/02	INITIAL NET GAS FRACTION		.825000				20.0	-104.962	90.0	-166.677	
MONTHS IN FIRST LINE		12.00	FINAL NET GAS FRACTION		.825000				25.0	-122.948	100.0	-165.760	
WATER GROSS PROD. (MU)		5.281	WATER NET PRODUCTION (MU)		4.357				WATER NET REVENUES (M\$)				.000

OGRE(R) V2.2 BTAX
 FILE NAME: wpcp (7331)
 CASE NAME: ROSA UNIT # 165C DK DUAL
 101 ROSA UNIT 165C
 102 RIO ARriba COUNTY, NM
 103 BASIN (DAKOTA) FIELD
 104 WILLIAMS PROD CO

DATA REPORT
 -165C -1PDP-RLG-4860.02 -BASIN

DATE: 07/20/04
 TIME: 15:13:44

CASE \$COM_BOB
 * 120 1 99 12 1 1 2002 10 2
 * 121 36
 * 130 INVEST -DB200 7 0 0 0 0
 * 131 DRLG -DB200 7 0 0 0 0
 * 132 COMP -DB200 7 0 0 0 0
 * 133 GATHPL -DB200 10 0 0 0 0
 * 134 PLATFAC -DB200 10 0 0 0 0
 * 135 NETLND -DB200 7 0 0 0 0
 * 136 NETSEIS -DB200 7 0 0 0 0
 * 137 GRSOTH -DB200 7 0 0 0 0
 * 138 NETACQ -DB200 7 0 0 0 0
 * 139 NTSale -DB200 7 0 0 0 0
 * 160 SET RPTFRM = 2
 * 165 SET SHRINK = GAS
 * 698 SET IDCAMORT = MAJOR
 * 699 SET FEDTAX = 38

	W.I. FRACTION	OP. COST (\$/W/MO)	OP. COST (\$/MO.)	ADV. TAX (PCT)	MAJOR PH. NAME	PROD DATE (MO/DY/YR)
210	1.00000000	.00	900.00	1.000	GAS	8/01/2002

	PHASE NAME	CUM PROD (MUNITS)	REV. INT FRACTION	PRICE (\$/UNIT)	SEV. TAX (PCT)	NO. OF WELLS	RATIO TO MAJOR PH
222	GAS	.000	.82500000	4.000	9.000	1.0	
223	WATER	.000	.82500000	.000	.000	.0	

	PH. NAME	CURVE TP	DECLINE%	QI RATE	QT RATE	CUM. LIMIT	(M OR Y)	CALC VALUE
410	GAS	182.840	85.450	6804.640	X	5.000	%	
CALC	GAS	182.840END=	5.000	6804.640	936.317	13.962	YRS	213.289 MMCF
411	GAS	EXP LAST		LAST	X	35.000	IYRS	
CALC	GAS	EXP END=	5.000	936.317	155.507	48.962	YRS	395.958 MMCF
415	WATER	EXP	29.230	152.150	X	29.270	IYRS	
612 !	GAS GATHERING							
CALC	WATER	EXP END=	29.230	152.150	.006	32.853	YRS	5.281 M-UNITS

600 SERIES LINES:

DATA GASC : .4187 TO LIFE
 613 COMPUTE GASC = GASC * BTU
 632 ! SHRINK
 632 COMPUTE GASP = GASP * 0.9421

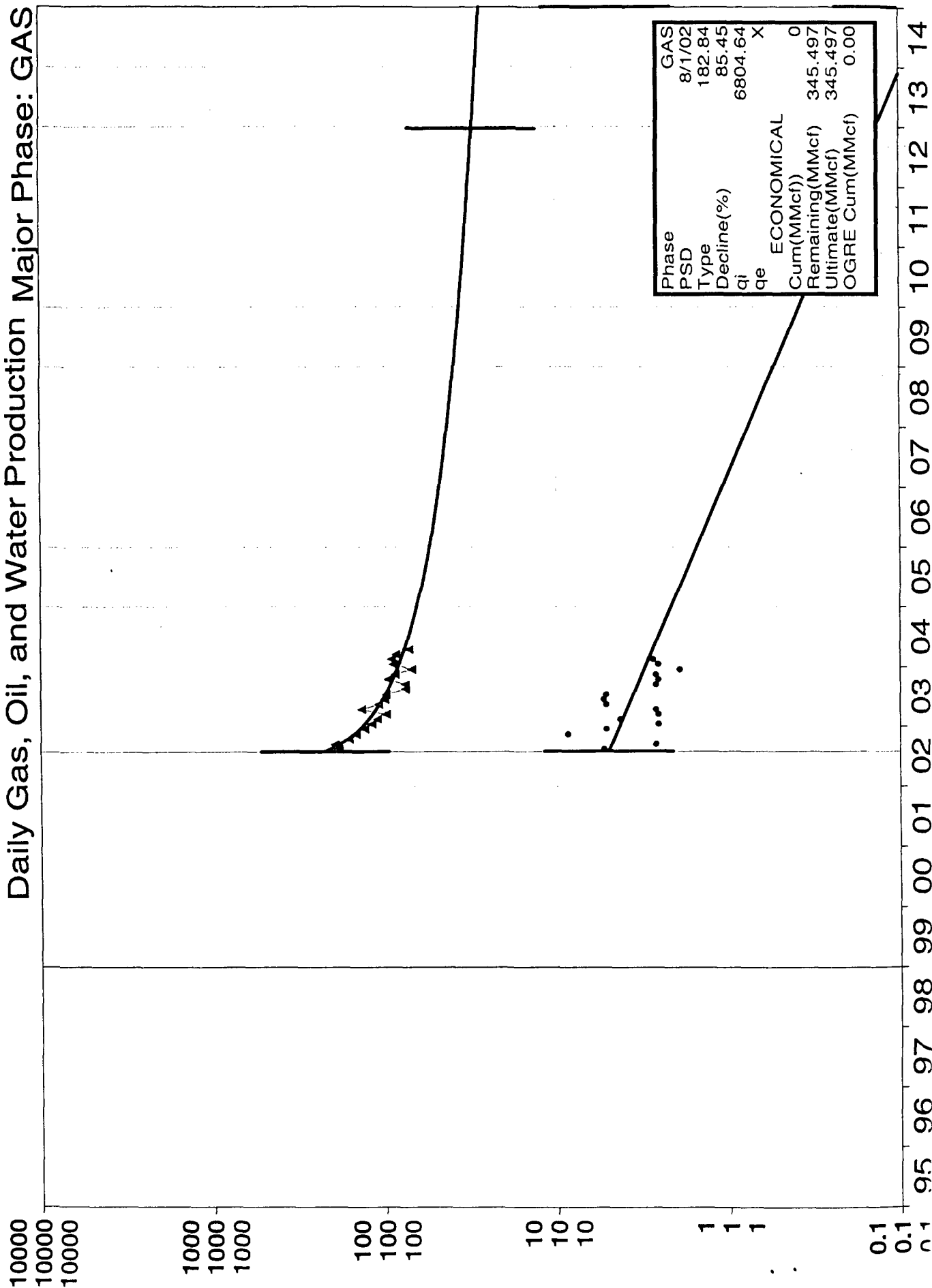
	INV NAME	INV. POINT	(G OR N)	TANG-M\$	INTANG-M\$	LSEHLD-M\$	RISK FRAC	OVHD FLAG
805	INVEST	.000 MOS	G	85.693	277.916	.000		

853 CASE \$GATHNET

ECONOMIC LIFE (YRS): 29.000
 GROSS GAS (MMCF): 345.497
 GROSS WATER (MU): 5.281

ROSA UNIT # 35C DK DUAL 165C 31N 6W 25G

Daily Gas, Oil, and Water Production Major Phase: GAS





PATRICK H. LYONS
COMMISSIONER

State of New Mexico
Commissioner of Public Lands

310 OLD SANTA FE TRAIL
P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

COMMISSIONER'S OFFICE

Phone (505) 827-5760

Fax (505) 827-5766

www.nmstatelands.org

April 15, 2004

Williams Production Company
P.O. Box 3102
One William Center
Tulsa, Oklahoma 74101

Attn: Mr. M. Vern Hansen

Re: 2004 Plan of Development
Rosa Unit
San Juan and Rio Arriba Counties, New Mexico

RECEIVED

APR 16 2004

Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505

Dear Mr. Hansen:

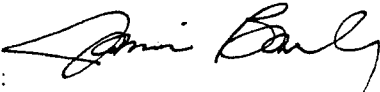
The Commissioner of Public Lands has, of this date, approved the above-captioned Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

The possibility of drainage by wells outside of the Unit Area and the need for further development of the unit may exist. You may be contacted at a later date regarding these possibilities.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

PATRICK H. LYONS
COMMISSIONER OF PUBLIC LANDS



BY:
JAMI BAILEY, Director
Oil, Gas and Minerals Division
(505) 827-5744

PL/JB/cpm
Enclosure
xc: Reader File

OCD--Attention: David Catanach

BLM

RECEIVED

MAR 12 2004

Oil Conservation Division
1220 S. Saint Francis Drive
Santa Fe, NM 87505
March 8, 2004



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

Assistant District Manager, Minerals
Bureau of Land Management
Farmington Resource Area
1235 La Plata Highway
Farmington, New Mexico 87401

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
2004 Plan of Development

Gentlemen:

By letter dated April 4, 2003, Williams Production Company as Rosa Unit Operator filed the 2003 Plan of Development for the Rosa Unit. Following is a summary of the operations proposed under the 2003 Plan of Development:

<u>Well Name</u>	<u>Formation</u>	<u>Operations Status</u>
Rosa Unit #10C	Mesaverde	Carried over to 2004 P.O.D.
Rosa Unit #14B (Mesaverde/ Dakota Dual)	Mesaverde Dakota	Carried over to 2004 P.O.D. Carried over to 2004 P.O.D.
Rosa Unit #15B	Mesaverde	Carried over to 2004 P.O.D.
Rosa Unit #18B (Mesaverde/ Dakota Dual)	Mesaverde Dakota	Carried over to 2004 P.O.D. Carried over to 2004 P.O.D.
Rosa Unit #21C (Mesaverde/ Dakota Dual)	Mesaverde Dakota	Carried over to 2004 P.O.D. Carried over to 2004 P.O.D.
Rosa Unit #22B (Mesaverde/ Dakota Dual)	Mesaverde Dakota	Carried over to 2004 P.O.D. Carried over to 2004 P.O.D.
Rosa Unit #25B (Mesaverde/ Dakota Dual)	Mesaverde Dakota	Carried over to 2004 P.O.D. Carried over to 2004 P.O.D.
Rosa Unit #35B	Mesaverde	Carried over to 2004 P.O.D.
Rosa Unit #40E	Dakota	Carried over to 2004 P.O.D.
Rosa Unit #48E	Dakota	Carried over to 2004 P.O.D.
Rosa Unit Com #60B (Mesaverde/ Dakota Dual)	Mesaverde Dakota	Carried over to 2004 P.O.D. Carried over to 2004 P.O.D.
Rosa Unit #75B	Mesaverde	Carried over to 2004 P.O.D.

<u>Well Name</u>	<u>Formation</u>	<u>Operations Status</u>
Rosa Unit #85B (Mesaverde/ Dakota Dual)	Mesaverde	Carried over to 2004 P.O.D.
Rosa Unit #88B (Mesaverde/ Dakota Dual)	Dakota	Carried over to 2004 P.O.D.
Rosa Unit #89B (Mesaverde/ Dakota Dual)	Mesaverde	Carried over to 2004 P.O.D.
Rosa Unit #100B (Mesaverde/ Dakota Dual)	Dakota	Carried over to 2004 P.O.D.
Rosa Unit #125B	Mesaverde	Carried over to 2004 P.O.D.
Rosa Unit #125Y (Mesaverde/ Dakota Dual)	Dakota	Carried over to 2004 P.O.D.
Rosa Unit Com #129B (Mesaverde/ Dakota Dual)	Mesaverde	Carried over to 2004 P.O.D.
Rosa Unit #138B (Mesaverde/ Dakota Dual)	Dakota	Carried over to 2004 P.O.D.
Rosa Unit #139B (Mesaverde/ Dakota Dual)	Mesaverde	Carried over to 2004 P.O.D.
Rosa Unit #145B (Mesaverde/ Dakota Dual)	Dakota	Carried over to 2004 P.O.D.
Rosa Unit #146A (Mesaverde/ Dakota Dual)	Mesaverde	Carried over to 2004 P.O.D.
Rosa Unit #147B (Mesaverde/ Dakota Dual)	Dakota	Carried over to 2004 P.O.D.
Rosa Unit #150C (Mesaverde/ Dakota Dual)	Mesaverde	Carried over to 2004 P.O.D.
Rosa Unit #151B	Dakota	Carried over to 2004 P.O.D.
Rosa Unit #151C	Mesaverde	Carried over to 2004 P.O.D.
Rosa Unit #153B	Mesaverde	Carried over to 2004 P.O.D.
Rosa Unit #156B (Mesaverde/ Dakota Dual)	Mesaverde	Carried over to 2004 P.O.D.
Rosa Unit #159B	Dakota	Carried over to 2004 P.O.D.
Rosa Unit #160B (Mesaverde/ Dakota Dual)	Mesaverde	Carried over to 2004 P.O.D.
Rosa Unit #162B	Dakota	Drilled and completed
Rosa Unit #163B	Mesaverde	Drilled and completed
Rosa Unit Com #169B	Mesaverde	Carried over to 2004 P.O.D.
Rosa Unit #180B (Mesaverde/ Dakota Dual)	Mesaverde	Carried over to 2004 P.O.D.
Rosa Unit #181B	Dakota	Carried over to 2004 P.O.D.
Rosa Unit #184B (Mesaverde/ Dakota Dual)	Mesaverde	Carried over to 2004 P.O.D.
Rosa Unit #185B (Mesaverde/ Dakota Dual)	Dakota	Carried over to 2004 P.O.D.
Rosa Unit #186 (Mesaverde/ Dakota Dual)	Mesaverde	Carried over to 2004 P.O.D.
Rosa Unit #187B	Dakota	Carried over to 2004 P.O.D.
Rosa Unit #189 (Mesaverde/ Dakota Dual)	Mesaverde	Carried over to 2004 P.O.D.
Rosa Unit #191	Dakota	Carried over to 2004 P.O.D.
Rosa Unit #192	Mesaverde	Carried over to 2004 P.O.D.
Rosa Unit #200A	Fruitland Coal	Carried over to 2004 P.O.D.
Rosa Unit #201A	Fruitland Coal	Carried over to 2004 P.O.D.
Rosa Unit #202A	Fruitland Coal	Carried over to 2004 P.O.D.
Rosa Unit #206A	Fruitland Coal	Carried over to 2004 P.O.D.
Rosa Unit #209A	Fruitland Coal	Carried over to 2004 P.O.D.

<u>Well Name</u>	<u>Formation</u>	<u>Operations Status</u>
Rosa Unit #211A	Fruitland Coal	Drilled and completed
Rosa Unit #213A	Fruitland Coal	Carried over to 2004 P.O.D.
Rosa Unit #215A	Fruitland Coal	Drilled and completed
Rosa Unit #218A	Fruitland Coal	Drilled and completed
Rosa Unit #223A	Fruitland Coal	Carried over to 2004 P.O.D.
Rosa Unit #224A	Fruitland Coal	Drilled and completed
Rosa Unit #229A	Fruitland Coal	Carried over to 2004 P.O.D.
Rosa Unit #230A	Fruitland Coal	Drilled and completed
Rosa Unit #231A	Fruitland Coal	Drilled and completed
Rosa Unit #233A	Fruitland Coal	Carried over to 2004 P.O.D.
Rosa Unit #234A	Fruitland Coal	Carried over to 2004 P.O.D.
Rosa Unit #236A	Fruitland Coal	Drilled and completed
Rosa Unit Com #237A	Fruitland Coal	Carried over to 2004 P.O.D.
Rosa Unit #242A	Fruitland Coal	Carried over to 2004 P.O.D.
Rosa Unit #256A	Fruitland Coal	Carried over to 2004 P.O.D.
Rosa Unit #259A	Fruitland Coal	Drilled and completed
Rosa Unit #260A	Fruitland Coal	Carried over to 2004 P.O.D.
Rosa Unit #268A	Fruitland Coal	Carried over to 2004 P.O.D.
Rosa Unit #269A	Fruitland Coal	Drilled and completed
Rosa Unit #270A	Fruitland Coal	Carried over to 2004 P.O.D.
Rosa Unit #273A	Fruitland Coal	Drilled and completed
Rosa Unit #274A	Fruitland Coal	Carried over to 2004 P.O.D.
Rosa Unit #276A	Fruitland Coal	Carried over to 2004 P.O.D.
Rosa Unit #277A	Fruitland Coal	Drilled and completed
Rosa Unit #332A	Fruitland Coal	Carried over to 2004 P.O.D.
Rosa Unit #334A	Fruitland Coal	Drilled and completed
Rosa Unit #337A	Fruitland Coal	Drilled and completed
Rosa Unit #338A	Fruitland Coal	Drilled and completed
Rosa Unit #339A	Fruitland Coal	Drilled and completed
Rosa Unit #341A	Fruitland Coal	Drilled and completed
Rosa Unit #342A	Fruitland Coal	Drilled and completed
Rosa Unit #347	Fruitland Coal	Carried over to 2004 P.O.D.
Rosa Unit #350	Fruitland Coal	Carried over to 2004 P.O.D.
Rosa Unit #360	Fruitland Coal	Carried over to 2004 P.O.D.
Rosa Unit #362	Fruitland Coal	Carried over to 2004 P.O.D.
Rosa Unit #364	Fruitland Coal	Carried over to 2004 P.O.D.
Rosa Unit #365	Fruitland Coal	Carried over to 2004 P.O.D.
Rosa Unit #367	Fruitland Coal	Carried over to 2004 P.O.D.
Rosa Unit #368	Fruitland Coal	Carried over to 2004 P.O.D.
Rosa Unit #369	Fruitland Coal	Carried over to 2004 P.O.D.
Rosa Unit #370	Fruitland Coal	Carried over to 2004 P.O.D.
Rosa Unit #372	Fruitland Coal	Carried over to 2004 P.O.D.
Rosa Unit #373	Fruitland Coal	Carried over to 2004 P.O.D.
Rosa Unit #374	Fruitland Coal	Carried over to 2004 P.O.D.
Rosa Unit #375	Fruitland Coal	Carried over to 2004 P.O.D.
Rosa Unit #376	Fruitland Coal	Carried over to 2004 P.O.D.
Rosa Unit #377	Fruitland Coal	Carried over to 2004 P.O.D.
Rosa Unit #378	Fruitland Coal	Carried over to 2004 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>
Pictured Cliffs	Seventh	October 1, 1999
Mesaverde	Fifteenth	January 1, 1983
Dakota	Ninth	January 1, 1992

Attached are maps of the Rosa Unit showing the boundaries of the Participating Areas as applicable. There were no wells commingled within the Rosa Unit during 2003. The Rosa Unit #97 Gallup/Dakota formation well, #100 Gallup formation well, #102 Gallup formation well and the #118 Gallup/Dakota formation well were plugged and abandoned.

Pursuant to Section 9 of the Rosa Unit Agreement, Williams Production Company is submitting a Plan of Development providing for the completion of the following wells during 2004:

<u>Well Name</u>	<u>Drilling Block</u>	<u>Formation</u>
Rosa Unit #10C	W/2 Sec.13, T31N, R6W	Mesaverde
Rosa Unit #14B (Mesaverde/ Dakota Dual)	E/2 Sec.23, T31N, R6W S/2 Sec.23, T31N, R6W	Mesaverde Dakota
Rosa Unit #15B	E/2 Sec.29, T31N, R5W	Mesaverde
Rosa Unit #18B (Mesaverde/ Dakota Dual)	E/2 Sec.22, T31N, R6W E/2 Sec.22, T31N, R6W	Mesaverde Dakota
Rosa Unit #21C (Mesaverde/ Dakota Dual)	W/2 Sec.23, T31N, R6W N/2 Sec.23, T31N, R6W	Mesaverde Dakota
Rosa Unit #22B (Mesaverde/ Dakota Dual)	N/2 Sec.18, T31N, R5W N/2 Sec.18, T31N, R5W	Mesaverde Dakota
Rosa Unit #23C (Mesaverde/ Dakota Dual)	W/2 Sec.29, T31N, R5W S/2 Sec. 29, T31N, R5W	Mesaverde Dakota
Rosa Unit #25B (Mesaverde/ Dakota Dual)	W/2 Sec.15, T31N, R6W W/2 Sec.15, T31N, R6W	Mesaverde Dakota
Rosa Unit #26C (Mesaverde/ Dakota Dual)	E/2 Sec. 32, T31N, R5W E/2 Sec. 32, T31N, R5W	Mesaverde Dakota
Rosa Unit #35B	ALL Sec.05, T31N, R6W	Mesaverde
Rosa Unit #40E	N/2 Sec.11, T31N, R5W	Dakota
Rosa Unit #44C	W/2 Sec. 35, T32N, R6W	Mesaverde
Rosa Unit #48E	S/2 Sec.11, T31N, R5W	Dakota
Rosa Unit Com #60B (Mesaverde/ Dakota Dual)	ALL Sec.04, T31N, R6W ALL Sec.04, T31N, R6W	Mesaverde Dakota
Rosa Unit #63A	E/2 Sec.30, T31N, R4W	Fruitland Coal
Rosa Unit #75B	W/2 Sec.10, T31N, R6W	Mesaverde
Rosa Unit #85B (Mesaverde/ Dakota Dual)	N/2 Sec.20, T31N, R5W N/2 Sec.20, T31N, R5W	Mesaverde Dakota
Rosa Unit #88B (Mesaverde/ Dakota Dual)	W/2 Sec.08, T31N, R6W W/2 Sec.08, T31N, R6W	Mesaverde Dakota
Rosa Unit #89B (Mesaverde/ Dakota Dual)	E/2 Sec.34, T32N, R6W E/2 Sec.34, T32N, R6W	Mesaverde Dakota
Rosa Unit #100B (Mesaverde/ Dakota Dual)	S/2 Sec.21, T31N, R6W S/2 Sec.21, T31N, R6W	Mesaverde Dakota
Rosa Unit #125B	E/2 Sec.13, T31N, R6W	Mesaverde
Rosa Unit #125Y (Mesaverde/ Dakota Dual)	E/2 Sec.13, T31N, R6W E/2 Sec.13, T31N, R6W	Mesaverde Dakota
Rosa Unit #129B (Mesaverde/ Dakota Dual)	W/2 Sec.34, T32N, R6W W/2 Sec.34, T32N, R6W	Mesaverde Dakota
Rosa Unit #138B (Mesaverde/ Dakota Dual)	E/2 Sec.17, T31N, R6W E/2 Sec.17, T31N, R6W	Mesaverde Dakota

<u>Well Name</u>	<u>Drilling Block</u>	<u>Formation</u>
Rosa Unit #139B (Mesaverde/ Dakota Dual)	W/2 Sec.17, T31N, R6W	Mesaverde
Rosa Unit #145B (Mesaverde/ Dakota Dual)	W/2 Sec.17, T31N, R6W	Dakota
Rosa Unit #146A (Mesaverde/ Dakota Dual)	N/2 Sec.16, T31N, R6W	Mesaverde
Rosa Unit #147B (Mesaverde/ Dakota Dual)	N/2 Sec.16, T31N, R6W	Dakota
Rosa Unit #150C (Mesaverde/ Dakota Dual)	W/2 Sec.28, T31N, R5W	Mesaverde
Rosa Unit #151B	W/2 Sec.28, T31N, R5W	Dakota
Rosa Unit #151C	N/2 Sec.33, T31N, R5W	Mesaverde
Rosa Unit #152C	N/2 Sec.33, T31N, R5W	Dakota
Rosa Unit #153B (Mesaverde/ Dakota Dual)	W/2 Sec.32, T32N, R6W	Mesaverde
Rosa Unit #156B (Mesaverde/ Dakota Dual)	W/2 Sec.32, T32N, R6W	Dakota
Rosa Unit #159B	W/2 Sec.33, T32N, R6W	Mesaverde
Rosa Unit #162B	W/2 Sec.33, T32N, R6W	Mesaverde
Rosa Unit #163B (Mesaverde/ Dakota Dual)	W/2 Sec.36, T32N, R6W	Mesaverde
Rosa Unit Com #169B	E/2 Sec.17, T31N, R5W	Mesaverde
Rosa Unit Com #169C	E/2 Sec.17, T31N, R5W	Dakota
Rosa Unit #180B (Mesaverde/ Dakota Dual)	E/2 Sec.09, T31N, R6W	Mesaverde
Rosa Unit #181B	E/2 Sec.09, T31N, R6W	Dakota
Rosa Unit #181C	S/2 Sec.19, T31N, R5W	Mesaverde
Rosa Unit #184B (Mesaverde/ Dakota Dual)	S/2 Sec.30, T31N, R5W	Mesaverde
Rosa Unit #185B (Mesaverde/ Dakota Dual)	E/2 Sec.24, T31N, R6W	Mesaverde
Rosa Unit #186 (Mesaverde/ Dakota Dual)	E/2 Sec.24, T31N, R6W	Dakota
Rosa Unit #187B	ALL Sec.03, T31N, R6W	Mesaverde
Rosa Unit #188B	ALL Sec.03, T31N, R6W	Mesaverde
Rosa Unit #189 (Mesaverde/ Dakota Dual)	W/2 Sec.09, T31N, R6W	Mesaverde
Rosa Unit #191	W/2 Sec.09, T31N, R6W	Dakota
Rosa Unit #192	E/2 Sec.10, T31N, R6W	Mesaverde
Rosa Unit #200A	E/2 Sec.10, T31N, R6W	Mesaverde
Rosa Unit #201A	E/2 Sec.34, T31N, R5W	Mesaverde
Rosa Unit #202A	S/2 Sec.34, T31N, R5W	Dakota
Rosa Unit #206A	S/2 Sec.16, T31N, R6W	Mesaverde
Rosa Unit #209A	S/2 Sec.16, T31N, R6W	Dakota
Rosa Unit #212A	N/2 Sec.27, T31N, R5W	Mesaverde
Rosa Unit #213A	N/2 Sec.27, T31N, R5W	Dakota
Rosa Unit #222A	W/2 Sec.21, T31N, R5W	Mesaverde
Rosa Unit #223A	W/2 Sec.21, T31N, R5W	Mesaverde
Rosa Unit #226A	E/2 Sec.21, T31N, R5W	Dakota
Rosa Unit #229A	S/2 Sec.26, T31N, R5W	Mesaverde
Rosa Unit #233A	E/2 Sec.35, T31N, R5W	Mesaverde
Rosa Unit #234A	E/2 Sec.29, T31N, R5W	Mesaverde
Rosa Unit Com #237A	E/2 Sec.22, T31N, R6W	Fruitland Coal
Rosa Unit #242A	W/2 Sec.23, T31N, R6W	Fruitland Coal
Rosa Unit #256A	N/2 Sec.24, T31N, R6W	Fruitland Coal
	S/2 Sec.24, T31N, R6W	Fruitland Coal
	E/2 Sec. 14, T31N, R6W	Fruitland Coal
	E/2 Sec. 23, T31N, R6W	Fruitland Coal
	E/2 Sec. 15, T31N, R6W	Fruitland Coal
	N/2 Sec.30, T31N, R5W	Fruitland Coal
	N/2 Sec.12, T31N, R6W	Fruitland Coal
	W/2 Sec.29, T31N, R5W	Fruitland Coal
	S/2 Sec.30, T31N, R5W	Fruitland Coal
	W/2 Sec.09, T31N, R6W	Fruitland Coal
	ALL Sec.04, T31N, R6W	Fruitland Coal
	W/2 Sec.33, T32N, R6W	Fruitland Coal
	N/2 Sec.25, T31N, R6W	Fruitland Coal

<u>Well Name</u>	<u>Drilling Block</u>	<u>Formation</u>
Rosa Unit #260A	S/2 Sec.21, T31N, R6W	Fruitland Coal
Rosa Unit #268A	N/2 Sec.33, T31N, R5W	Fruitland Coal
Rosa Unit #270A	W/2 Sec.34, T31N, R5W	Fruitland Coal
Rosa Unit #274A	E/2 Sec.16, T31N, R6W	Fruitland Coal
Rosa Unit #276A	E/2 Sec.17, T31N, R6W	Fruitland Coal
Rosa Unit #283A	E/2 Sec.02, T31N, R4W	Fruitland Coal
Rosa Unit #312A	W/2 Sec.28, T31N, R4W	Fruitland Coal
Rosa Unit #313A	W/2 Sec.29, T31N, R4W	Fruitland Coal
Rosa Unit #329A	E/2 Sec.34, T32N, R6W	Fruitland Coal
Rosa Unit #332A	W/2 Sec.22, T31N, R6W	Fruitland Coal
Rosa Unit #347	W/2 Sec.11, T31N, R4W	Fruitland Coal
Rosa Unit #350	E/2 Sec.10, T31N, R5W	Fruitland Coal
Rosa Unit #351A	W/2 Sec.11, T31N, R5W	Fruitland Coal
Rosa Unit #354A	E/2 Sec.19, T31N, R4W	Fruitland Coal
Rosa Unit Com #355A	E/2 Sec.33, T32N, R6W	Fruitland Coal
Rosa Unit #360	W/2 Sec.09, T31N, R5W	Fruitland Coal
Rosa Unit #362	W/2 Sec.36, T31N, R5W	Fruitland Coal
Rosa Unit #364	S/2 Sec.05, T31N, R4W	Fruitland Coal
Rosa Unit #364A	S/2 Sec.05, T31N, R4W	Fruitland Coal
Rosa Unit #365	E/2 Sec.07, T31N, R4W	Fruitland Coal
Rosa Unit #367	W/2 Sec.09, T31N, R4W	Fruitland Coal
Rosa Unit #368	E/2 Sec.09, T31N, R4W	Fruitland Coal
Rosa Unit #369	E/2 Sec.11, T31N, R4W	Fruitland Coal
Rosa Unit #370	W/2 Sec.19, T31N, R4W	Fruitland Coal
Rosa Unit #372	W/2 Sec.31, T31N, R4W	Fruitland Coal
Rosa Unit #373	W/2 Sec.15, T31N, R5W	Fruitland Coal
Rosa Unit #374	N/2 Sec.16, T31N, R5W	Fruitland Coal
Rosa Unit #375	W/2 Sec.24, T31N, R5W	Fruitland Coal
Rosa Unit #376	N/2 Sec.25, T31N, R5W	Fruitland Coal
Rosa Unit #376A	N/2 Sec.25, T31N, R5W	Fruitland Coal
Rosa Unit #377	N/2 Sec.26, T31N, R5W	Fruitland Coal
Rosa Unit #378	E/2 Sec.27, T31N, R5W	Fruitland Coal
Rosa Unit #379A	S/2 Sec.08, T31N, R5W	Fruitland Coal
Rosa Unit #380	W/2 Sec.20, T31N, R4W	Fruitland Coal
Rosa Unit #382	E/2 Sec.12, T31N, R4W	Fruitland Coal
Rosa Unit #383	E/2 Sec.29, T31N, R4W	Fruitland Coal
Rosa Unit #384	S/2 Sec.21, T31N, R4W	Fruitland Coal
Rosa Unit #384A	S/2 Sec.21, T31N, R4W	Fruitland Coal
Rosa Unit #385	N/2 Sec.21, T31N, R4W	Fruitland Coal
Rosa Unit #385A	N/2 Sec.21, T31N, R4W	Fruitland Coal
Rosa Unit #386	N/2 Sec.05, T31N, R4W	Fruitland Coal
Rosa Unit #386A	N/2 Sec.05, T31N, R4W	Fruitland Coal
Rosa Unit #387	W/2 Sec.10, T31N, R5W	Fruitland Coal

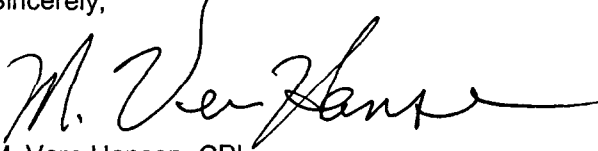
Williams Production Company, as Unit Operator, will drill any offset wells that may be required to prevent drainage of unitized substances and any other wells deemed necessary or which are requested by the Unit Operator or the Working Interest Owners.

Rosa Unit
2004 Plan of Development
3/8/04

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 Williams Production Company.

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 "M. Vern Hansen". The signature is fluid and cursive, with a long horizontal stroke at the end.

M. Vern Hansen, CPL
Staff Landman

Enclosures

cc: Working Interest Owners
Mike Turnbaugh
Kris Russell
Mitch Reeves
Tracy Ross
Gary Sizemore
Lance Hobbs
Larry Higgins

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

DATE: _____

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: 3/17/04

The foregoing approvals are for the 2004 Plan of Development for the Rosa Unit I, Section No.587.

WORKING INTEREST OWNERS
ROSA UNIT

BP AMERICA
ATTN: BRYAN ANDERSON
501 WESTLAKE BOULEVARD
HOUSTON, TX 77079-3092

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

J. M. HUBER CORPORATION
ATTN: ANDY LYDYARD
1050 17TH STREET, SUITE 1850
DENVER, CO 80265

J. GLENN TURNER, JR.. LLC
3838 OAK LAWN
SUITE 1600
DALLAS, TX 75219

MARY FRANCES TURNER, JR TRUST
ATTN: IRIS GLEISER
P O BOX 660197
DALLAS, TX 75266-0197

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

MS. VICTORIA WEBB
806 CORDOVA
DALLAS, TX 75223

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

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

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

XTO ENERGY, INC.
ATTN: EDWIN S. RYAN, JR.
810 HOUSTON ST, STE 2000
FORT WORTH, TX 76102-6298

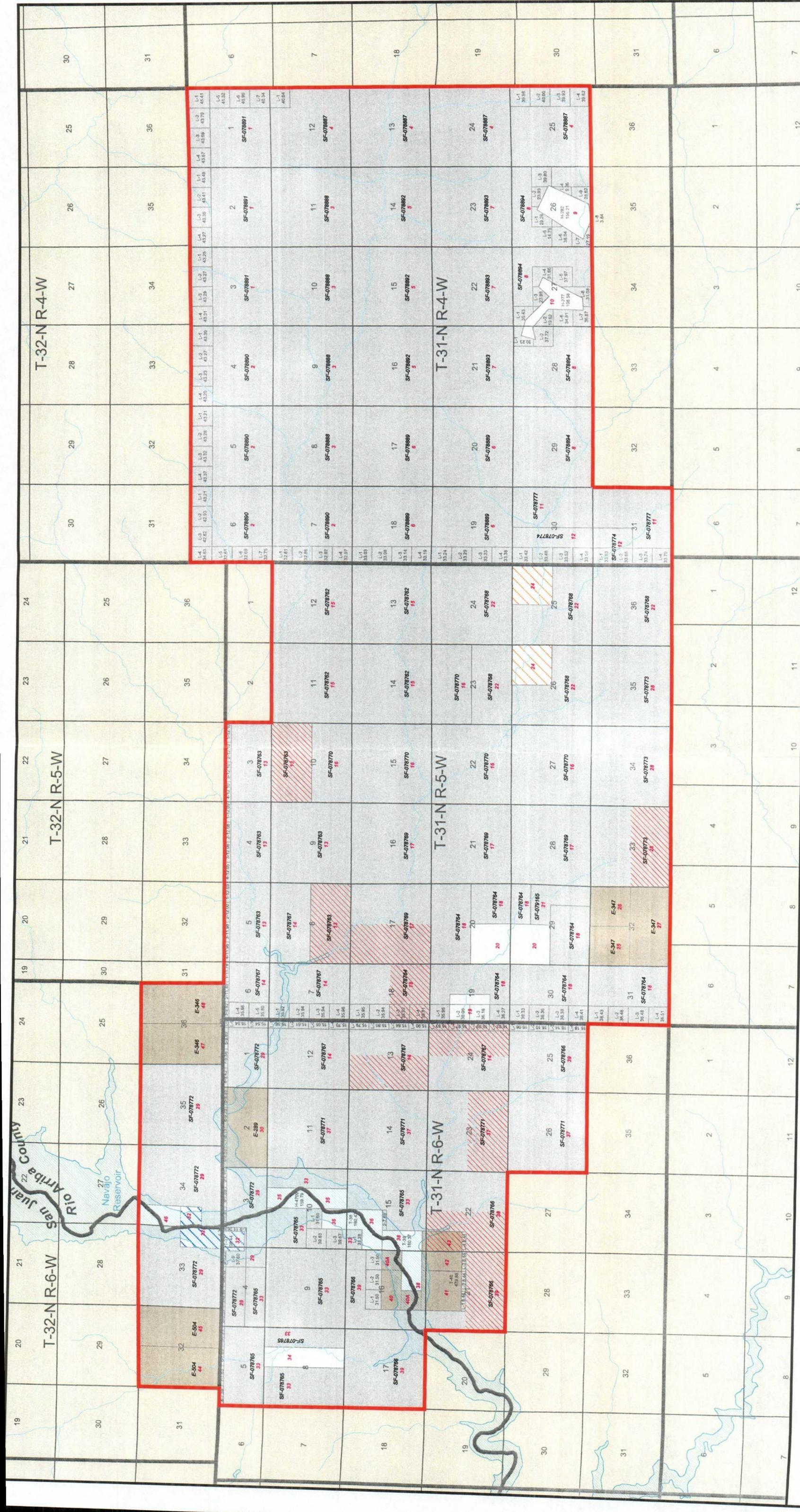
J. K. EDWARDS ASSOCIATES
ATTN: KEITH EDWARDS
1401 17TH STREET, SUITE 1400
DENVER, CO 80202

MR. JOHN TURNER
PMB 285
317 SIDNEY BAKER SOUTH #400
KERRVILLE, TX 78028

THE WISER OIL COMPANY
ATTN: MATT EAGLESTON
8115 PRESTON ROAD, #400
DALLAS, TX 75225

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

CONOCOPHILLIPS COMPANY
ATTN: CHIEF LANDMAN, SAN JUAN/ROCKIES
P. O. BOX 2197
HOUSTON, TX 77252



Dakota Participating Area

Mineral Ownership
Federal

	Fee	Partially Committed	State	Not Committed
...				

Rosa Unit Tract No.: XX

File Path: S:\GIS_Mapping\Projects\San Juan Basin\Maps\Rosa_Unit\rosa-unit.apr



12000 Feet

6000

0

6000



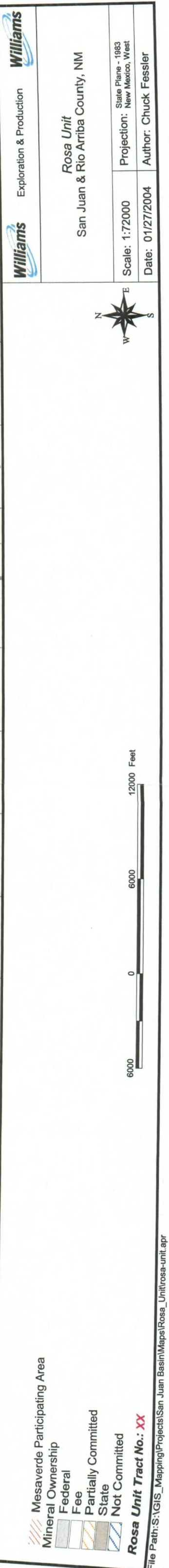
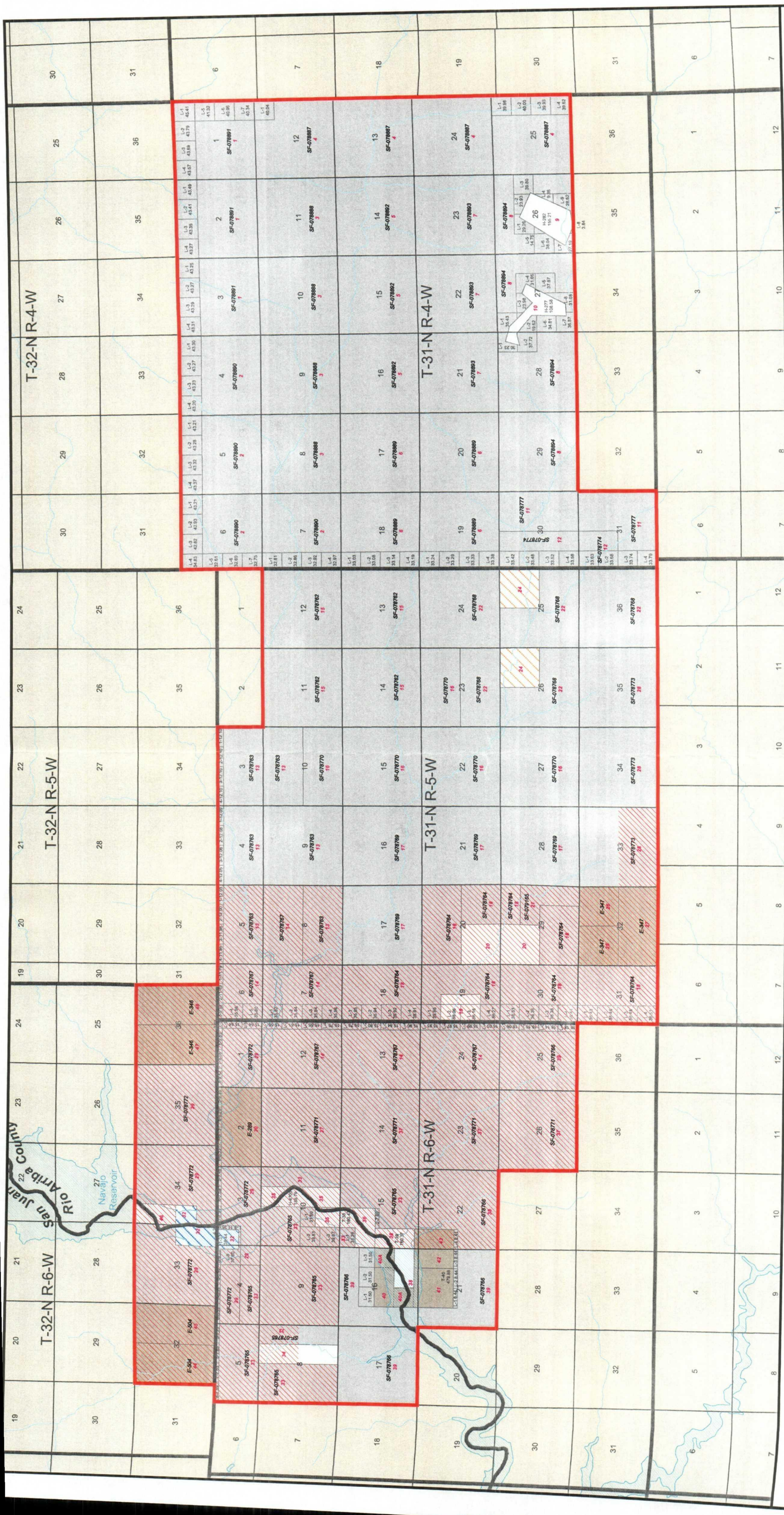
Exploration & Production

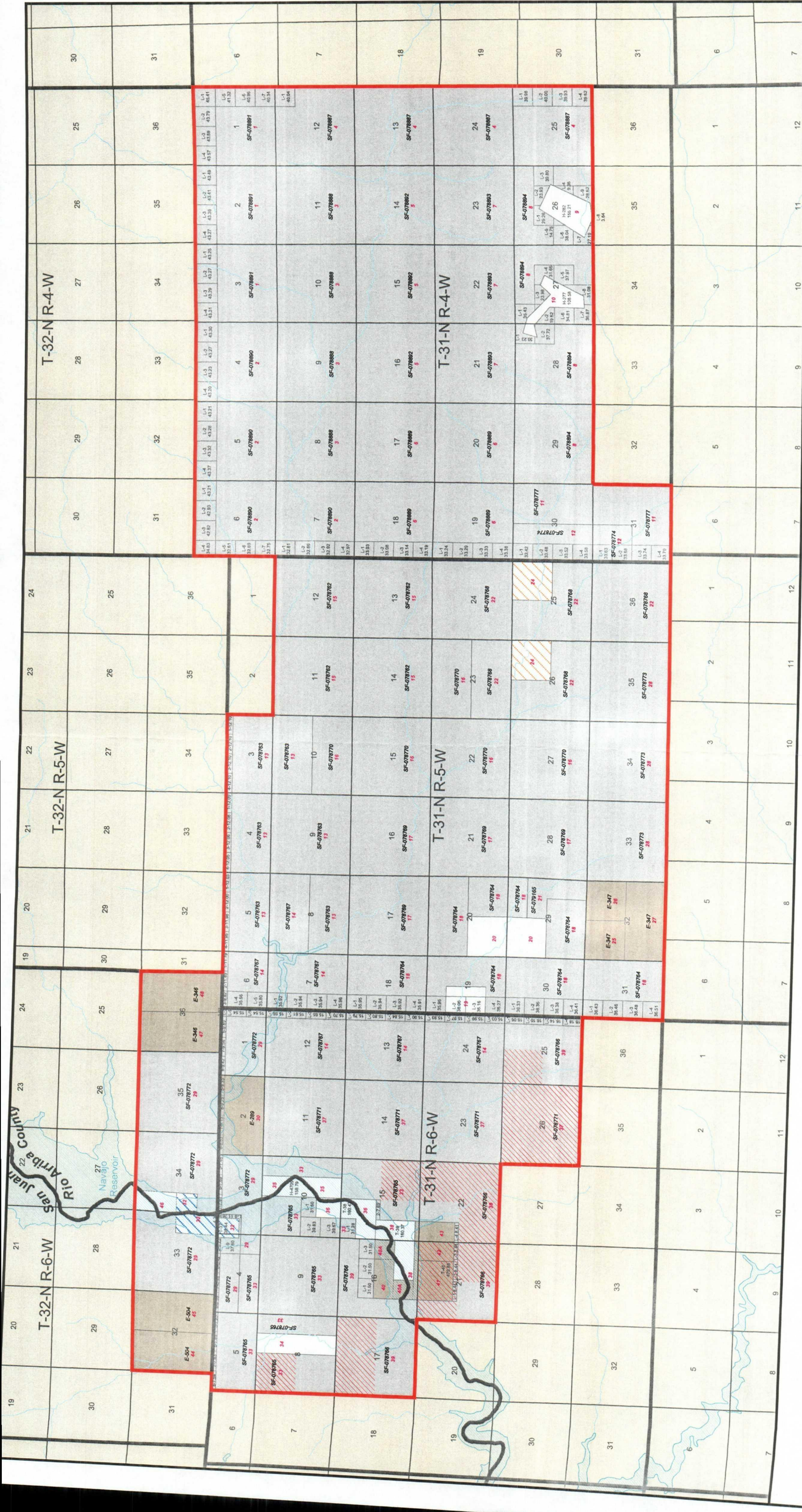
Rosa Unit
San Juan & Rio Arriba County, NM

Scale: 1:72000

Date: 01/27/2004

Author: Chuck Fessler





- Pictured Cliffs Participating Area
- Mineral Ownership
- Federal
- Fee
- Partially Committed
- State
- Not Committed

Rosa Unit Tract No.: XX

File Path: S:\GIS_Mapping\Projects\San Juan Basin\Maps\Rosa_Unit\rosa-unit.apr

Williams

Exploration & Production

Williams

Rosa Unit
San Juan & Rio Arriba County, NM

Scale: 1:72000

Projection: State Plane - 1983
New Mexico, West

Date: 01/27/2004

Author: Chuck Fessler



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

March 15, 2006

Assistant District Manager, Minerals
Bureau of Land Management
Farmington Resource Area
1235 La Plata Highway
Farmington, New Mexico 87401

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
2006 Plan of Development

Gentlemen:

By letter dated March 15, 2005, Williams Production Company, LLC as Rosa Unit Operator filed the 2005 Plan of Development for the Rosa Unit. Following is a summary of the operations proposed under the 2005 Plan of Development:

<u>Well Name</u>	<u>Formation</u>	<u>Operations Status</u>
Rosa Unit #10C	Mesaverde	Drilled and completed
Rosa Unit #12C	Mesaverde	Carried over to 2006 P.O.D.
Rosa Unit #14B (Mesaverde/ Dakota Dual)	Mesaverde Dakota	Drilled and completed Drilled and completed
Rosa Unit #15B	Mesaverde	Drilled and completed
Rosa Unit #18B (Mesaverde/ Dakota Dual)	Mesaverde Dakota	Drilled and completed Dropped from P.O.D.
Rosa Unit #19C (Mesaverde/ Dakota Dual)	Mesaverde Dakota	Carried over to 2006 P.O.D. Carried over to 2006 P.O.D.
Rosa Unit #21C (Mesaverde/ Dakota Dual)	Mesaverde Dakota	Drilled and completed Dropped from P.O.D.
Rosa Unit #22B (Mesaverde/ Dakota Dual)	Mesaverde Dakota	Carried over to 2006 P.O.D. Carried over to 2006 P.O.D.
Rosa Unit #25B (Mesaverde/ Dakota Dual)	Mesaverde Dakota	Carried over to 2006 P.O.D. Carried over to 2006 P.O.D.
Rosa Unit #35B	Mesaverde	Carried over to 2006 P.O.D.
Rosa Unit #40E	Dakota	Carried over to 2006 P.O.D.
Rosa Unit #48E	Dakota	Carried over to 2006 P.O.D.

<u>Well Name</u>	<u>Formation</u>	<u>Operations Status</u>
Rosa Unit Com #60B (Mesaverde/ Dakota Dual)	Mesaverde	Carried over to 2006 P.O.D.
	Dakota	Carried over to 2006 P.O.D.
Rosa Unit #63A	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #75B	Mesaverde	Carried over to 2006 P.O.D.
Rosa Unit #75C	Mesaverde	Carried over to 2006 P.O.D.
Rosa Unit #79C	Mesaverde	Carried over to 2006 P.O.D.
Rosa Unit #80B	Mesaverde	Carried over to 2006 P.O.D.
Rosa Unit #80C	Mesaverde	Carried over to 2006 P.O.D.
Rosa Unit #85B (Mesaverde/ Dakota Dual)	Mesaverde	Carried over to 2006 P.O.D.
	Dakota	Carried over to 2006 P.O.D.
Rosa Unit #89B (Mesaverde/ Dakota Dual)	Mesaverde	Drilled and completed
	Dakota	Dropped from P.O.D.
Rosa Unit #100B (Mesaverde/ Dakota Dual)	Mesaverde	Carried over to 2006 P.O.D.
	Dakota	Carried over to 2006 P.O.D.
Rosa Unit #125B	Mesaverde	Carried over to 2006 P.O.D.
Rosa Unit #125Y (Mesaverde/ Dakota Dual)	Mesaverde	Carried over to 2006 P.O.D.
	Dakota	Carried over to 2006 P.O.D.
Rosa Unit #138B	Mesaverde	Drilled and completed
Rosa Unit #145B (Mesaverde/ Dakota Dual)	Mesaverde	Carried over to 2006 P.O.D.
	Dakota	Carried over to 2006 P.O.D.
Rosa Unit #145C	Mesaverde	Carried over to 2006 P.O.D.
Rosa Unit #156B (Mesaverde/ Dakota Dual)	Mesaverde	Drilled and completed
	Dakota	Dropped from P.O.D.
Rosa Unit #159B	Mesaverde	Carried over to 2006 P.O.D.
Rosa Unit #160C	Mesaverde	Carried over to 2006 P.O.D.
Rosa Unit #162B	Mesaverde	Carried over to 2006 P.O.D.
Rosa Unit #163B (Mesaverde/ Dakota Dual)	Mesaverde	Carried over to 2006 P.O.D.
	Dakota	Carried over to 2006 P.O.D.
Rosa Unit Com #163C	Mesaverde	Carried over to 2006 P.O.D.
Rosa Unit Com #169B	Mesaverde	Carried over to 2006 P.O.D.
Rosa Unit #180B (Mesaverde/ Dakota Dual)	Mesaverde	Carried over to 2006 P.O.D.
	Dakota	Carried over to 2006 P.O.D.
Rosa Unit #180C	Mesaverde	Carried over to 2006 P.O.D.
Rosa Unit #181B	Mesaverde	Carried over to 2006 P.O.D.
Rosa Unit #184B (Mesaverde/ Dakota Dual)	Mesaverde	Drilled and completed
	Dakota	Dropped from P.O.D.
Rosa Unit #185B (Mesaverde/ Dakota Dual)	Mesaverde	Drilled and completed
	Dakota	Drilled and completed
Rosa Unit #186 (Mesaverde/ Dakota Dual)	Mesaverde	Carried over to 2006 P.O.D.
	Dakota	Carried over to 2006 P.O.D.
Rosa Unit #187B	Mesaverde	Carried over to 2006 P.O.D.
Rosa Unit #188B (Mesaverde/ Dakota Dual)	Mesaverde	Drilled and completed
	Dakota	Dropped from P.O.D.
Rosa Unit #189 (Mesaverde/ Dakota Dual)	Mesaverde	Carried over to 2006 P.O.D.
	Dakota	Carried over to 2006 P.O.D.
Rosa Unit #191	Mesaverde	Carried over to 2006 P.O.D.
Rosa Unit #192	Mesaverde	Carried over to 2006 P.O.D.
Rosa Unit #201A	Fruitland Coal	Drilled and completed
Rosa Unit #203A	Fruitland Coal	Drilled and completed
Rosa Unit #206A	Fruitland Coal	Drilled and completed
Rosa Unit #207A	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #208A	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #210A	Fruitland Coal	Drilled and completed
Rosa Unit #214A	Fruitland Coal	Drilled and completed

<u>Well Name</u>	<u>Formation</u>	<u>Operations Status</u>
Rosa Unit #216A	Fruitland Coal	Drilled and completed
Rosa Unit #219A	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #220A	Fruitland Coal	Drilled and completed
Rosa Unit #221A	Fruitland Coal	Drilled and completed
Rosa Unit #225A	Fruitland Coal	Drilled and completed
Rosa Unit #227A	Fruitland Coal	Drilled and completed
Rosa Unit #228A	Fruitland Coal	Drilled and completed
Rosa Unit #229A	Fruitland Coal	Drilled and completed
Rosa Unit #232A	Fruitland Coal	Drilled and completed
Rosa Unit #233A	Fruitland Coal	Drilled and completed
Rosa Unit #234A	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit Com #239A	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #240A	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #241A	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #243A	Fruitland Coal	Drilled and completed
Rosa Unit #260A	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #263A	Fruitland Coal	Drilled and completed
Rosa Unit #266A	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #267A	Fruitland Coal	Drilled and completed
Rosa Unit #270A	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #271A	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #272A	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #274A	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #276A	Fruitland Coal	Drilled and completed
Rosa Unit #279A	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #280A	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #283A	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #309A	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #310A	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #312A	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #313A	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #329A	Fruitland Coal	Drilled and completed
Rosa Unit #331A	Fruitland Coal	Drilled and completed
Rosa Unit #332A	Fruitland Coal	Drilled and completed
Rosa Unit #336A	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #347	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #347A	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #350	Fruitland Coal	Drilled and completed
Rosa Unit #351A	Fruitland Coal	Drilled and completed
Rosa Unit #354A	Fruitland Coal	Drilled and completed
Rosa Unit Com #355A	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #357A	Fruitland Coal	Drilled and completed
Rosa Unit #360	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #361A	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #362	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #363A	Fruitland Coal	Drilled and completed
Rosa Unit #364	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #364A	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #365	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #365A	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #367	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #367A	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #368	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #368A	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #369	Fruitland Coal	Carried over to 2006 P.O.D.

<u>Well Name</u>	<u>Formation</u>	<u>Operations Status</u>
Rosa Unit #369A	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #370	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #373	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #374	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #375A	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit Com #376	Fruitland Coal	Drilled and completed
Rosa Unit Com #376A	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit Com #377	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #378	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #379A	Fruitland Coal	Drilled and completed
Rosa Unit #380	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #382	Fruitland Coal	Drilled and completed
Rosa Unit #382A	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #383	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #384	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #384A	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #385	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #385A	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #386	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #386A	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #387	Fruitland Coal	Well name changed to #350A
Rosa Unit #388	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #388A	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #389	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #389A	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #390	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #390A	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #391	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #391A	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #392	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #392A	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #393	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #393A	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #394	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #394A	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #395	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #395A	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #396	Fruitland Coal	Carried over to 2006 P.O.D.
Rosa Unit #396A	Fruitland Coal	Carried over to 2006 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	Ninth	August 1, 2002
Pictured Cliffs	Seventh	October 1, 1999
Mesaverde	Twenty Sixth	January 1, 2001
Dakota	Ninth	January 1, 1992

Attached are maps of the Rosa Unit showing the boundaries of the Participating Areas as applicable. There were no wells commingled within the Rosa Unit during 2005. The Rosa Unit #67 and #104 Gallup/Dakota formation wells were plugged and abandoned.

Pursuant to Section 9 of the Rosa Unit Agreement, Williams Production Company, LLC is submitting a Plan of Development providing for the Drill and completion of the following wells during 2006:

<u>Well Name</u>	<u>Drill Block</u>	<u>Formation</u>
Rosa Unit #12C	E/2 Sec. 15, T31N, R6W	Mesaverde
Rosa Unit #13B	N/2 Sec. 13, T31N, R5W	Mesaverde
Rosa Unit #19C (Mesaverde/ Dakota Dual)	W/2 Sec. 24, T31N, R6W	Mesaverde
Rosa Unit #22B (Mesaverde/ Dakota Dual)	W/2 Sec. 24, T31N, R6W	Dakota
Rosa Unit #25B (Mesaverde/ Dakota Dual)	N/2 Sec. 18, T31N, R5W	Mesaverde
	N/2 Sec. 18, T31N, R5W	Dakota
	W/2 Sec. 15, T31N, R6W	Mesaverde
	W/2 Sec. 15, T31N, R6W	Dakota
Rosa Unit #30C	S/2 Sec. 12, T31N, R6W	Mesaverde
Rosa Unit #35B	ALL Sec. 05, T31N, R6W	Mesaverde
Rosa Unit #35C	ALL Sec. 05, T31N, R6W	Mesaverde
Rosa Unit #40E	N/2 Sec. 11, T31N, R5W	Dakota
Rosa Unit #48E	S/2 Sec. 11, T31N, R5W	Dakota
Rosa Unit Com #60B (Mesaverde/ Dakota Dual)	ALL Sec. 04, T31N, R6W	Mesaverde
	ALL Sec. 04, T31N, R6W	Dakota
Rosa Unit #63A	E/2 Sec. 30, T31N, R4W	Fruitland Coal
Rosa Unit #75B	W/2 Sec. 10, T31N, R6W	Mesaverde
Rosa Unit #75C	W/2 Sec. 10, T31N, R6W	Mesaverde
Rosa Unit #77C	S/2 Sec. 33, T31N, R5W	Mesaverde
Rosa Unit #79C	W/2 Sec. 22, T31N, R6W	Mesaverde
Rosa Unit #80B	W/2 Sec. 08, T31N, R5W	Mesaverde
Rosa Unit #80C	W/2 Sec. 08, T31N, R5W	Mesaverde
Rosa Unit #85B (Mesaverde/ Dakota Dual)	N/2 Sec. 20, T31N, R5W	Mesaverde
	N/2 Sec. 20, T31N, R5W	Dakota
Rosa Unit #88C	W/2 Sec. 08, T31N, R6W	Mesaverde
Rosa Unit Com #90B	E/2 Sec. 33, T32N, R6W	Mesaverde
Rosa Unit Com #90C	E/2 Sec. 33, T32N, R6W	Mesaverde
Rosa Unit #100B (Mesaverde/ Dakota Dual)	S/2 Sec. 21, T31N, R6W	Mesaverde
	S/2 Sec. 21, T31N, R6W	Dakota
Rosa Unit #100C	S/2 Sec. 21, T31N, R6W	Mesaverde
Rosa Unit #125B	E/2 Sec. 13, T31N, R6W	Mesaverde
Rosa Unit #125C	E/2 Sec. 13, T31N, R6W	Mesaverde
Rosa Unit #125Y (Mesaverde/ Dakota Dual)	E/2 Sec. 13, T31N, R6W	Mesaverde
	E/2 Sec. 13, T31N, R6W	Dakota
Rosa Unit Com #129C	W/2 Sec. 34, T32N, R6W	Mesaverde
Rosa Unit #139C	W/2 Sec. 17, T31N, R6W	Mesaverde
Rosa Unit #145B (Mesaverde/ Dakota Dual)	N/2 Sec. 16, T31N, R6W	Mesaverde
	N/2 Sec. 16, T31N, R6W	Dakota
Rosa Unit #145C	N/2 Sec. 16, T31N, R6W	Mesaverde
Rosa Unit #146B	W/2 Sec. 28, T31N, R5W	Mesaverde
Rosa Unit #147C	N/2 Sec. 33, T31N, R5W	Mesaverde
Rosa Unit #151B	W/2 Sec. 33, T32N, R6W	Mesaverde
Rosa Unit #159B	S/2 Sec. 19, T31N, R5W	Mesaverde
Rosa Unit #160C	S/2 Sec. 25, T31N, R6W	Mesaverde
Rosa Unit #162B	S/2 Sec. 30, T31N, R5W	Mesaverde
Rosa Unit #163B (Mesaverde/ Dakota Dual)	E/2 Sec. 24, T31N, R6W	Mesaverde
	E/2 Sec. 24, T31N, R6W	Dakota
Rosa Unit #163C	E/2 Sec. 24, T31N, R6W	Mesaverde
Rosa Unit #164C	ALL Sec. 01, T31N, R6W	Mesaverde
Rosa Unit #166B	N/2 Sec. 30, T31N, R5W	Mesaverde

<u>Well Name</u>	<u>Drill Block</u>	<u>Formation</u>
Rosa Unit #167C	E/2 Sec. 08, T31N, R6W	Mesaverde
Rosa Unit Com #169B	ALL Sec. 03, T31N, R6W	Mesaverde
Rosa Unit #180B (Mesaverde/ Dakota Dual)	W/2 Sec. 09, T31N, R6W	Mesaverde
Rosa Unit #180C	W/2 Sec. 09, T31N, R6W	Dakota
Rosa Unit #181B	W/2 Sec. 09, T31N, R6W	Mesaverde
Rosa Unit #186 (Mesaverde/ Dakota Dual)	E/2 Sec. 10, T31N, R6W	Mesaverde
Rosa Unit #187B	N/2 Sec. 27, T31N, R5W	Mesaverde
Rosa Unit #188C	N/2 Sec. 27, T31N, R5W	Dakota
Rosa Unit #189 (Mesaverde/ Dakota Dual)	W/2 Sec. 21, T31N, R5W	Mesaverde
Rosa Unit #191	W/2 Sec. 34, T31N, R5W	Mesaverde
Rosa Unit #192	E/2 Sec. 21, T31N, R5W	Mesaverde
Rosa Unit #207A	E/2 Sec. 21, T31N, R5W	Dakota
Rosa Unit #208A	S/2 Sec. 26, T31N, R5W	Mesaverde
Rosa Unit #217A	E/2 Sec. 35, T31N, R5W	Mesaverde
Rosa Unit #219A	W/2 Sec. 17, T31N, R5W	Fruitland Coal
Rosa Unit #234A	W/2 Sec. 15, T31N, R5W	Fruitland Coal
Rosa Unit #235A	E/2 Sec. 11, T31N, R6W	Fruitland Coal
Rosa Unit Com #238A	S/2 Sec. 19, T31N, R5W	Fruitland Coal
Rosa Unit Com #239A	W/2 Sec. 09, T31N, R6W	Fruitland Coal
Rosa Unit #240A	E/2 Sec. 09, T31N, R6W	Fruitland Coal
Rosa Unit #241A	ALL Sec. 03, T31N, R6W	Fruitland Coal
Rosa Unit #257A	ALL Sec. 02, T31N, R6W	Fruitland Coal
Rosa Unit #258A	ALL Sec. 01, T31N, R6W	Fruitland Coal
Rosa Unit #260A	ALL Sec. 06, T31N, R5W	Fruitland Coal
Rosa Unit #262A	W/2 Sec. 27, T31N, R5W	Fruitland Coal
Rosa Unit #264A	W/2 Sec. 22, T31N, R5W	Fruitland Coal
Rosa Unit #266A	S/2 Sec. 21, T31N, R6W	Fruitland Coal
Rosa Unit #270A	E/2 Sec. 21, T31N, R5W	Fruitland Coal
Rosa Unit #271A	E/2 Sec. 22, T31N, R5W	Fruitland Coal
Rosa Unit #272A	E/2 Sec. 28, T31N, R5W	Fruitland Coal
Rosa Unit #274A	W/2 Sec. 34, T31N, R5W	Fruitland Coal
Rosa Unit #279A	E/2 Sec. 35, T31N, R5W	Fruitland Coal
Rosa Unit #280A	W/2 Sec. 35, T31N, R5W	Fruitland Coal
Rosa Unit #283A	E/2 Sec. 16, T31N, R6W	Fruitland Coal
Rosa Unit #309A	E/2 Sec. 35, T32N, R6W	Fruitland Coal
Rosa Unit #310A	W/2 Sec. 01, T31N, R4W	Fruitland Coal
Rosa Unit #312A	E/2 Sec. 02, T31N, R4W	Fruitland Coal
Rosa Unit #313A	E/2 Sec. 26, T31N, R4W	Fruitland Coal
Rosa Unit #315A	W/2 Sec. 26, T31N, R4W	Fruitland Coal
Rosa Unit #321A	W/2 Sec. 28, T31N, R4W	Fruitland Coal
Rosa Unit #322A	W/2 Sec. 29, T31N, R4W	Fruitland Coal
Rosa Unit #336A	W/2 Sec. 30, T31N, R4W	Fruitland Coal
Rosa Unit #343A	W/2 Sec. 20, T31N, R5W	Fruitland Coal
Rosa Unit #345A	N/2 Sec. 23, T31N, R5W	Fruitland Coal
Rosa Unit #347	N/2 Sec. 08, T31N, R5W	Fruitland Coal
Rosa Unit #347A	S/2 Sec. 26, T31N, R5W	Fruitland Coal
Rosa Unit #350A	N/2 Sec. 23, T31N, R5W	Fruitland Coal
Rosa Unit Com #355A	W/2 Sec. 11, T31N, R4W	Fruitland Coal
Rosa Unit Com #358A	W/2 Sec. 11, T31N, R4W	Fruitland Coal
Rosa Unit #359A	N/2 Sec. 10, T31N, R5W	Fruitland Coal
Rosa Unit #360	E/2 Sec. 33, T32N, R6W	Fruitland Coal
Rosa Unit #360A	W/2 Sec. 34, T32N, R6W	Fruitland Coal
	All Sec. 04, T31N, R5W	Fruitland Coal
	W/2 Sec. 09, T31N, R5W	Fruitland Coal
	W/2 Sec. 09, T31N, R5W	Fruitland Coal

<u>Well Name</u>	<u>Drill Block</u>	<u>Formation</u>
Rosa Unit #361A	W/2 Sec. 16, T31N, R5W	Fruitland Coal
Rosa Unit #362	W/2 Sec. 36, T31N, R5W	Fruitland Coal
Rosa Unit #364	W/2 Sec. 05, T31N, R4W	Fruitland Coal
Rosa Unit #364A	E/2 Sec. 05, T31N, R4W	Fruitland Coal
Rosa Unit #365	E/2 Sec. 07, T31N, R4W	Fruitland Coal
Rosa Unit #365A	E/2 Sec. 07, T31N, R4W	Fruitland Coal
Rosa Unit #367	W/2 Sec. 09, T31N, R4W	Fruitland Coal
Rosa Unit #367A	W/2 Sec. 09, T31N, R4W	Fruitland Coal
Rosa Unit #368	E/2 Sec. 09, T31N, R4W	Fruitland Coal
Rosa Unit #368A	E/2 Sec. 09, T31N, R4W	Fruitland Coal
Rosa Unit #369	E/2 Sec. 11, T31N, R4W	Fruitland Coal
Rosa Unit #369A	E/2 Sec. 11, T31N, R4W	Fruitland Coal
Rosa Unit #370	W/2 Sec. 19, T31N, R4W	Fruitland Coal
Rosa Unit #373	W/2 Sec. 15, T31N, R5W	Fruitland Coal
Rosa Unit #374	E/2 Sec. 16, T31N, R5W	Fruitland Coal
Rosa Unit #375A	W/2 Sec. 24, T31N, R5W	Fruitland Coal
Rosa Unit Com #376A	N/2 Sec. 25, T31N, R5W	Fruitland Coal
Rosa Unit Com #377	N/2 Sec. 26, T31N, R5W	Fruitland Coal
Rosa Unit Com #377A	N/2 Sec. 26, T31N, R5W	Fruitland Coal
Rosa Unit #378	E/2 Sec. 27, T31N, R5W	Fruitland Coal
Rosa Unit #380	W/2 Sec. 20, T31N, R4W	Fruitland Coal
Rosa Unit #381A	E/2 Sec. 10, T31N, R6W	Fruitland Coal
Rosa Unit #382A	E/2 Sec. 12, T31N, R5W	Fruitland Coal
Rosa Unit #383	E/2 Sec. 29, T31N, R4W	Fruitland Coal
Rosa Unit #384	W/2 Sec. 21, T31N, R4W	Fruitland Coal
Rosa Unit #384A	E/2 Sec. 21, T31N, R4W	Fruitland Coal
Rosa Unit #385	E/2 Sec. 21, T31N, R4W	Fruitland Coal
Rosa Unit #385A	W/2 Sec. 21, T31N, R4W	Fruitland Coal
Rosa Unit #386	N/2 Sec. 05, T31N, R4W	Fruitland Coal
Rosa Unit #386A	N/2 Sec. 05, T31N, R4W	Fruitland Coal
Rosa Unit #388	E/2 Sec. 01, T31N, R4W	Fruitland Coal
Rosa Unit #388A	E/2 Sec. 01, T31N, R4W	Fruitland Coal
Rosa Unit #389	W/2 Sec. 07, T31N, R4W	Fruitland Coal
Rosa Unit #389A	W/2 Sec. 07, T31N, R4W	Fruitland Coal
Rosa Unit #390	E/2 Sec. 08, T31N, R4W	Fruitland Coal
Rosa Unit #390A	E/2 Sec. 08, T31N, R4W	Fruitland Coal
Rosa Unit #391	W/2 Sec. 08, T31N, R4W	Fruitland Coal
Rosa Unit #391A	W/2 Sec. 08, T31N, R4W	Fruitland Coal
Rosa Unit #392	E/2 Sec. 15, T31N, R4W	Fruitland Coal
Rosa Unit #392A	E/2 Sec. 15, T31N, R4W	Fruitland Coal
Rosa Unit #393	W/2 Sec. 15, T31N, R4W	Fruitland Coal
Rosa Unit #393A	W/2 Sec. 15, T31N, R4W	Fruitland Coal
Rosa Unit #394	E/2 Sec. 24, T31N, R5W	Fruitland Coal
Rosa Unit #394A	E/2 Sec. 24, T31N, R5W	Fruitland Coal
Rosa Unit #395	N/2 Sec. 06, T31N, R4W	Fruitland Coal
Rosa Unit #395A	N/2 Sec. 06, T31N, R4W	Fruitland Coal
Rosa Unit #396	S/2 Sec. 06, T31N, R4W	Fruitland Coal
Rosa Unit #396A	S/2 Sec. 06, T31N, R4W	Fruitland Coal

Williams Production Company, 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.

Rosa Unit
2006 Plan of Development
3/15/06

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 Williams Production Company, 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 "M. Vern Hansen". The signature is fluid and cursive, with a long horizontal stroke at the end.

M. Vern Hansen, CPL
Staff Landman

Enclosures

cc: Working Interest Owners
Mike Turnbaugh
Kris Russell
Bryan Holmes
Tracy Ross
Gary Sizemore
Ralph Hawks
Kirk Place
Dung Vu
Bobby Goodwin
Larry Higgins

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 2006 Plan of Development for the Rosa Unit I, Section No.587.

WORKING INTEREST OWNERS
ROSA UNIT

BP AMERICA PRODUCTION CO.
ATTN: JOHN LARSON, WL1 RM 19.158
501 WESTLAKE BOULEVARD
HOUSTON, TX 77079-3092

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

J. GLENN TURNER, JR. LLC
3838 OAK LAWN
SUITE 1450
DALLAS, TX 75219

MARY FRANCES TURNER, JR TRUST
ATTN: IRIS GLEISER
P O BOX 660197
DALLAS, TX 75266-0197

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

MS. VICTORIA WEBB
806 CORDOVA
DALLAS, TX 75223

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

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

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

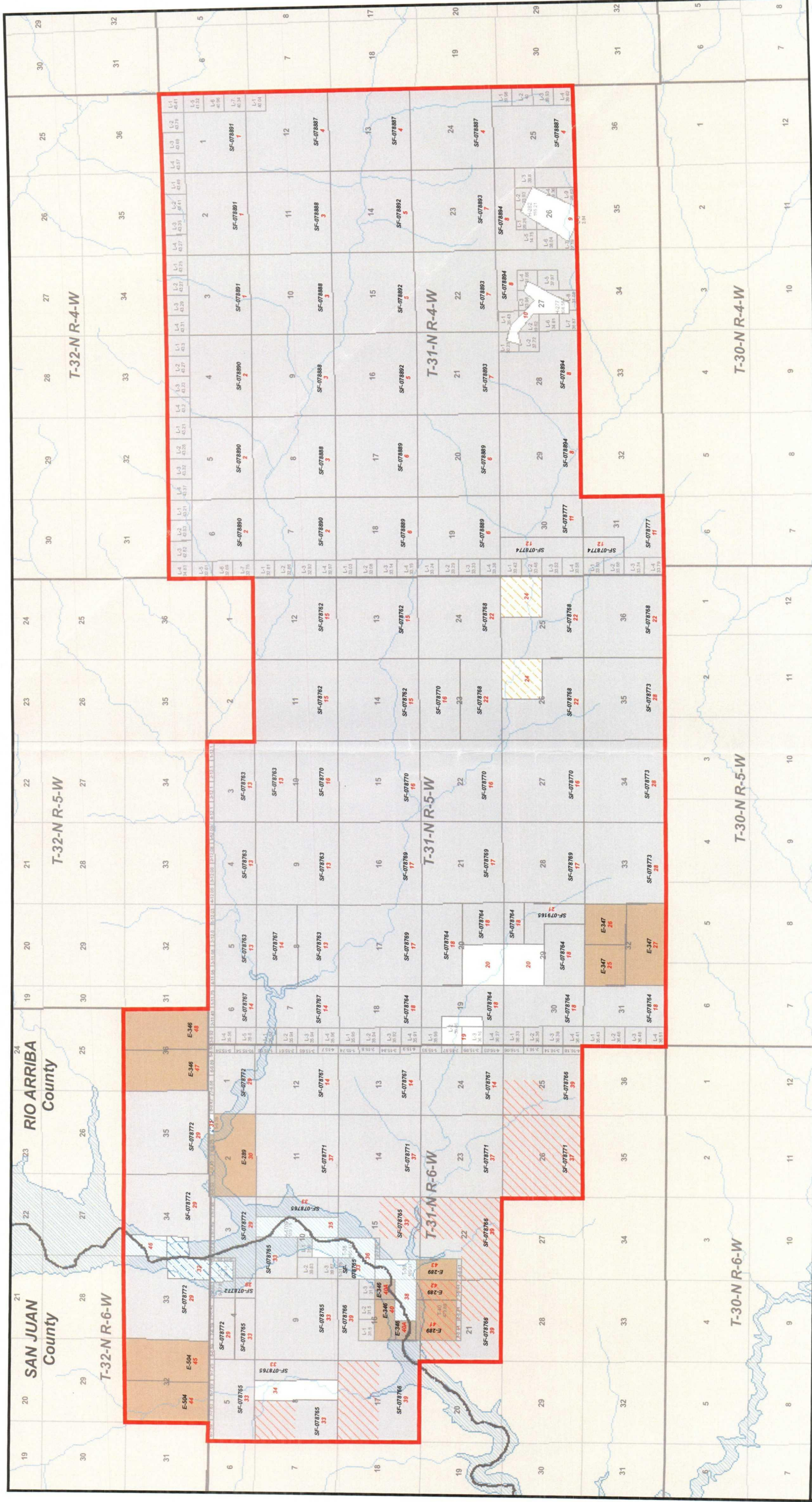
XTO ENERGY, INC.
ATTN: EDWIN S. RYAN, JR.
810 HOUSTON STREET, STE 2000
FORT WORTH, TX 76102-6298

MR. JOHN TURNER
PMB 285
317 SIDNEY BAKER SOUTH #400
KERRVILLE, TX 78028

THE WISER OIL COMPANY
C/O FOREST OIL CORPORATION
ATTN: KEN MCPHEE
1600 BROADWAY, SUITE 2200
DENVER, CO 80202

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

CONOCOPHILLIPS COMPANY
ATTN: CHIEF LANDMAN, SAN JUAN/ROCKIES
P. O. BOX 2197
HOUSTON, TX 77252



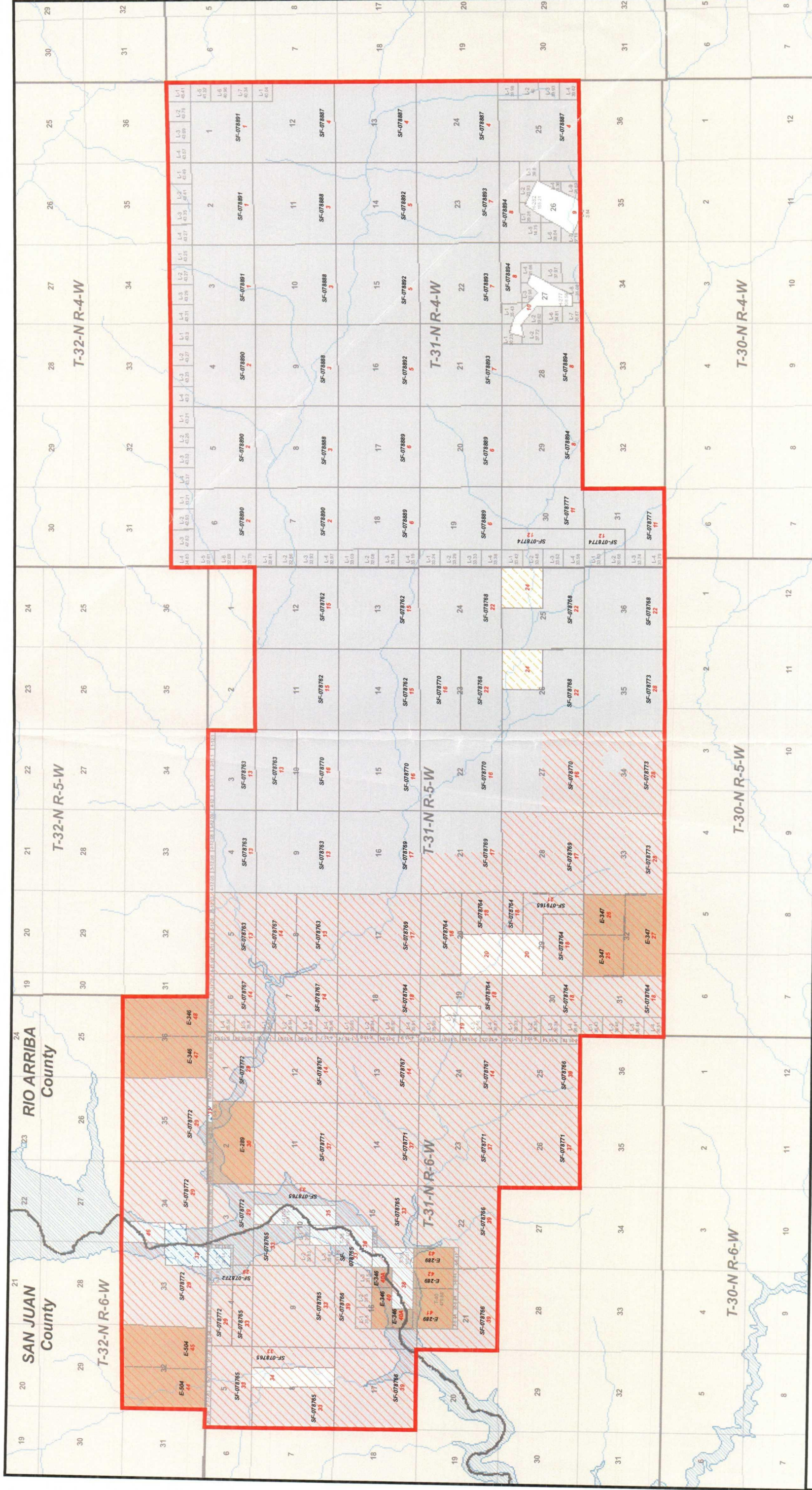
Pictured Cliffs Participating Area-7th Expansion

Mineral Ownership

- Federal
- Fee
- Partially Committed
- State
- Not Committed

Scale: 0 3,000 6,000 12,000 Feet

Rosa Unit Tract No: XX



Mesaverde Participating Area-26th Expansion

Mineral Ownership

☐ Federal

Fee

Partially Committed

State

 Not CommittedRosa Unit Tract No: **XX**

Map Document: (G:\Project\San_Juan\Rosa_Unit\rosa-unit_mv_pa.mxd)
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Williams
Exporation & Production



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

Scale: 1:72,000

Date: 2/14/2006

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_mv_pa.mxd)
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