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Williams

April 11, 2008

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
Dakota Participating Areas

Nineteenth Expansion – Effective 11/01/01
Twentieth Expansion – Effective 6/01/02
Twenty-first Expansion – Effective 7/01/02
Twenty-second Expansion – Effective 08/01/02

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 Dakota Formation. Pursuant to the BLM letter, attached is a list of all wells that have been deemed commercial.

Nineteenth Expansion - Effective 11/01/01

Total P/A Acres = 592.16

Wells/No./Dedication	Tract #	Tract Description	Tract Acres	Lease No
Rosa Unit #32B	41	T31N R6W, Sec. 21: E/2NW/4,W2NE/4	143.12	E289
(N/2)	42	T31N R6W, Sec. 21: E/2NE/4	71.56	E289
	39	T31N R6W, Sec. 21: W/2NW/4	80.00	SF078766
	39	T31N R6W, Sec. 21: Lot 1, 2, & 3	25.32	SF078766
Rosa Unit #165B	39	T31N R6W, Sec. 25: NW/4, W/2NE/4,		
(N/2)		Lot 1, Lot 2	272.16	SF078766

Twentieth Expansion – Effective 6/1/02

Total P/A Acres = 320.00

Wells/No./Dedication	Tract #	Tract Description	Tract Acres	Lease No
Rosa Unit #167B (E/2)	33	T31N R6W, Sec. 8: E/2NE/4, E/2SE/4	160.00	SF078765
	34	T31N R6W, Sec. 8: W/2NE/4, W/2SE/4	160.00	Thomas B Miller et ux

Twenty-first – Effective 7/01/02

Total P/A Acres = 280.00

Wells/No./Dedication	Tract #	Tract Description	Tract Acres	Lease No
Rosa Unit #5B (NE/4, W/2NW/4, NE/4NW/4)	37	T31N R6W Sec. 26: NE/4, W/2NW/4, NE/4NW/4	280.00	SF078771

Twenty-second – Effective 08/01/02

Total P/A Acres = 320.00

Wells/No./Dedication	Tract #	Tract Description	Tract Acres	Lease No
Rosa Unit #17B (S/2)	18	T31N R5W Sec. 20: SE/4	160.00	SF078764
	20	T31N R5W Sec. 20: SW/4	160.00	Manuel C. Candelaria et ux

Attached hereto are the schedules for the Nineteenth through the Twenty-second expansions for the Dakota 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 Area within the Rosa Unit. Please note in the 21st expansion due to the Rosa #8B deemed non-commercial the SE/4NW/4 of Sec. 26 T31N R6W will not be admitted to the PA. The Rosa #8B will stay on a drill block basis with 40 acre dedication. The Rosa Unit is a geological inference unit. A total of 1512.16 acres will be added for a total of 8050.34 acres in the Dakota PA.

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 Contract Administrator

Cc: Working Interest Owners
Bryan Holmes
Rick Jones
Vern Hansen
Chuck Keller
Craig Finch
Mark Beach
Tony Scheiper
Sheryl Marcum
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 Ed Martin DATE 4/14/08
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 Seventh Participating Area in the Dakota formation of the Rosa Unit I - Sec. 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: BARRY L. DOMINICK
TX1-2931
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
4925 GREENVILLE AVE., SUITE 852
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

FOREST OIL CORPORATION
ATTN: KEN MCPHEE
707 17th STREET
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 4289
FARMINGTON, NM 87499-4289

SCHEDULE XX
NINETEENTH PARTICIPATING AREA FOR THE DAKOTA FORMATION ROSA UNIT

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	NUMBER OF ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
				Tract 13			0.04487864
SF-078763	T31N R5W		320.00	WORKING INTEREST			
	Sec 8: S/2			Amoco Production Company	100.000000%	87.500000%	
	Rosa #80			ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	**100.000000%**	
				Tract 13A			0.04487865
SF-078763	T31N R5W		320.00	Williams Production Co. LLC	100.000000%	81.250000%	
	Sec 10: N/2			ROYALTY		12.500000%	
	Rosa #70			ORRI		6.250000%	
					100.000000%	**100.000000%**	
SF-078767	T31N R6W			**Tract 14**			0.13000923
	Sec 12: S/2 (271.35)		927.01	WORKING INTEREST			
	Sec 13: W/2, W/2SE/4, Lots 3 & 4			Amoco Production Company	100.000000%	87.500000%	
	Sec 24: Lots 1,2,3,4, W/2E/2 (E2)			ROYALTY		12.500000%	
	Rosa #66, Rosa #66M (INF),			ORRI		0.000000%	
	Rosa #116, Rosa #125E,						
	Rosa #30, Rosa #30B (INF)						
					100.000000%	**100.000000%**	
				Tract 17			0.04487865
	T31N R5W		320.00	WORKING INTEREST			
SF-078769	Sec 17: W/2			Amoco Production Company	100.000000%	87.500000%	
	Rosa #68, Rosa #31B (INF)			ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	**100.000000%**	

*parties went non-consent

SCHEDULE XX
NINETEENTH PARTICIPATING AREA FOR THE DAKOTA FORMATION ROSA UNIT

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	NUMBER OF ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
				Tract 18			0.09930803
	T31N R5W		708.10	WORKING INTEREST			
SF-078764	Sec 18: LOTS 3,4, SE/4 (S/2)			Amoco Production Company	100.000000%	87.500000%	
	Sec 19: E/2SE/4,SW/4SE/4, Lot 4			ROYALTY		12.500000%	
	Sec 29: W/2SE/4,SW/4,N/2NE/4			ORRI		0.000000%	
	Rosa #119, Rosa #15A, Rosa #159						
	Rosa #64M, Rosa #64						
					100.000000%	**100.000000%**	
				Tract 19			0.01068112
Miguel A.	T31N R5W		76.16	WORKING INTEREST			
Gonzales et ux	Sec 19: NW/4SE/4, Lot 3			Amoco Production Company	100.000000%	87.500000%	
	Rosa #159			ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	**100.000000%**	
				Tract 20			0.02243932
Manuel C.	T31N R5W		160.00	WORKING INTEREST			
Candelaria et ux	Sec 29: NW/4			Amoco Production Company	100.000000%	87.500000%	
	Rosa #64M, Rosa #64			ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	**100.000000%**	
				Tract 21			0.02243932
	T31N R5W		160.00	WORKING INTEREST			
SF-079165	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%**	

*parties went non-consent

SCHEDULE XX
NINETEENTH PARTICIPATING AREA FOR THE DAKOTA FORMATION ROSA UNIT

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	NUMBER OF ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
	T31N R5W			**Tract 25**			0.02243932
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%**	
				Tract 26			0.02243932
	T31N R5W		160.00	WORKING INTEREST			
E-347-48	Sec 32: NE/4			Amoco Production Company	100.000000%	87.500000%	
	Rosa #26A			ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	**100.000000%**	
	T31N R5W			**Tract 27**			0.04487865
E-347-55	Sec 32: SE/4, SW/4		320.00	WORKING INTEREST			
	Rosa #26A, Rosa #26B (INF)			Williams Production	50.000000%	32.812500%	
	Rosa #24A, Rosa #24B (INF)			Fred. E. Turner *	10.000000%	6.562500%	
	Rosa #24C (INF)			Elizabeth T. Calloway *	10.000000%	6.562500%	
				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%**	

*parties went non-consent

SCHEDULE XX
NINETEENTH PARTICIPATING AREA FOR THE DAKOTA FORMATION ROSA UNIT

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	NUMBER OF ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
				Tract 28			0.04487865
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%**	
				Tract 30			0.04865266
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%**	
				Tract 31			
VB0435	T31N R6W						
	Sec 2: Lots 5,	9.35					
	Rosa #148						
	This tract is not committed to						
	the unit						
SF-078771	T31N R6W			**TRACT 37**			0.08975729
	Sec 23: S/2		640.00	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%**	
Jose M. Lopez	T31N R6W			**TRACT 38**			0.01121966
et al	Sec 16: Tract 39		80.00	WORKING INTEREST			
	Rosa #185A *, Rosa #185 * (INF)			Amoco Production Company *	100.000000%	87.500000%	
				ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	**100.000000%**	

*parties went non-consent

SCHEDULE XX
NINETEENTH PARTICIPATING AREA FOR THE DAKOTA FORMATION ROSA UNIT

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	NUMBER OF ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
				Tract 39			0.18875537
SF-078766	T31N R6W		1345.89	WORKING INTEREST			
	Sec 21: S/2, W/2NW/4, LOT1,2, & 3			Amoco Production Company *	100.000000%	87.500000%	
	Sec 22: Lot 1, E/2NW/4,SW/4			ROYALTY		12.500000%	
	Sec 17: W/2			ORRI		0.000000%	
	Sec 16: W/2SW/4						
	Sec 25: N/2						
	Rosa #96, Rosa #79, Rosa #100						
	Rosa #185A *, Rosa #185 * (INF)						
	Rosa #79B (INF)				**100.000000%**	**100.000000%**	
	Rosa #165B						
				Tract 40			0.00885231
E-346-20	T31N R6W		63.12	WORKING INTEREST			
	Sec 16: NE/4SW/4,NW/4SE/4			Williams Production Co LLC	50.000000%	32.812500%	
	Rosa #185A *, Rosa #185 *(INF)			Fred. E. Turner *	10.000000%	6.562500%	
				Elizabeth T. Calloway	10.000000%	6.562500%	
				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%**	
				Tract 40A			0.01003599
E-346-22	T31N R6W		71.56	WORKING INTEREST			
	Sec 16: SE/4SW/4,NE/4SE/4			Williams Production Co LLC	50.000000%	32.812500%	
	Rosa #185A *, Rosa #185 * (INF)			Fred. E. Turner *	10.000000%	6.562500%	
				Elizabeth T. Calloway	10.000000%	6.562500%	
				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%**	

*parties went non-consent

SCHEDULE XX
NINETEENTH PARTICIPATING AREA FOR THE DAKOTA FORMATION ROSA UNIT

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	NUMBER OF ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
				Tract 41			0.02243932
E-289	T31N R6W		160.00	WORKING INTEREST			
	Sec 16: approximately 16.88 S/2S/2SE/4SW/4,			Wiser Oil Co.	100.000000%	87.500000%	
	S/2S/2SW/4SE/4			ROYALTY		12.500000%	
	Rosa #185A *, Rosa #185 * (INF)			ORRI		0.000000%	
	T31N R6W						
	SEC 21: 71.56 acres of the E/2NW/4, 71.56				**100.000000%**	**100.000000%**	
	acres out of W/2NE/4						
	Rosa #32B						
				Tract 42			0.01121966
E-289-50	T31N R6W		80.00	WORKING INTEREST			
	Sec 16: S/2S/2SE/4SE/4			Amoco Production Company	100.000000%	85.000000%	
	Rosa #185A *, Rosa #185 * (INF)			ROYALTY		12.500000%	
	Sec 21: 71.56 acres out of the E/2NE/4			ORRI		2.500000%	
	ROSA #32B						
					100.000000%	**100.000000%**	
				Tract 43			0.01004019
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%**	
	T32N R6W			**Tract 45**			0.04487865
E-504-19	Sec 32: E/2		320.00	WORKING INTEREST			
	Rosa #29M, Rosa #29B (INF)			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%**	
		9.35	**7130.34**				**1.00000000**

*parties went non-consent

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

RECAPITULATION

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

Sec 8: S/2
Sec 10: N/2
Sec 17: W/2
Sec 18: Lots 3, (35.92), 4 (35.91), SE/4
Sec 19: E/2SE/4,SW/4SE/4,NW/4SE/4, Lots 3 (36.16), 4 (36.27),
Sec 29: ALL
Sec 32: ALL
Sec 33: S/2

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

Sec 2: Lots 6 (9.25), 7 (9.13), 8 (8.53), S/2
Sec 11: E/2
Sec 12: S/2 (271.35)
Sec 13: W/2, W/2SE/4, Lots 3 (15.84), 4 (15.90)
Sec 16: S/2SE/4,W/2SW/4,
NW/4SE/4,NE/4/SW/4 (63) acres
NE/4SE/4,SE/4SW/4 (71.5) acres
Portions of State Lease E-289 lying in SE/4SW/4 and SW/SE/4 (17 acres)
Portions of State Lease E-289 lying in SE/4SE/4 (8.5 acres)
Sec 17: W/2
Sec 21: S/2, E/2NW/4, W/2NE/4, E/2NE/4, W/2NW/4, LOTS 1,2,& 3
Sec 22: Lot 1 (8.41), E/2NW/4, SW/4,
Portions of Tract 40 lying in W/2 NW/4 (71.59)
Sec 23: S/2
Sec 24: Lots 1 (15.93), 2 (15.97), 3 (15.99), 4 (16.03), W/2E/2
Sec 25: NW/4, W/2NE/4, LOTS 1 & 2
Township 32N, Range 6W, N.M.P.M.

Sec 32: E/2

Total number of Acres in Participating Area:	7,139.69
Total number of Acres Committed to Participating Area:	7,130.34
Total number of Acres not-Commited to Participating Area:	9.35

WILLIAMS PRODUCTION COMPANY LLC
ROSA UNIT DAKOTA
19TH EXPANSION

BP/America	0.79448646
Elizabeth T. Calloway	0.01221092
Fred E. Turner	0.01221092
J. Glenn Turner	0.01221092
John Lee Turner	0.01221092
Mary F. Turner, Jr Trust	0.01221092
Williams Production Co LLC	0.12201962
Wiser Oil Co.	0.02243932
	1.00000000

Effective: 11/01/01

SCHEDULE XXI
TWENTIETH PARTICIPATING AREA FOR THE DAKOTA FORMATION ROSA UNIT

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	NUMBER OF ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
				Tract 13			0.04295106
SF-078763	T31N R5W		320.00	WORKING INTEREST			
	Sec 8: S/2			Amoco Production Company	100.000000%	87.500000%	
	Rosa #80			ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	**100.000000%**	
				Tract 13A			0.04295106
SF-078763	T31N R5W		320.00	Williams Production Co. LLC	100.000000%	81.250000%	
	Sec 10: N/2			ROYALTY		12.500000%	
	Rosa #70			ORRI		6.250000%	
					100.000000%	**100.000000%**	
SF-078767	T31N R6W			**Tract 14**			0.12442519
	Sec 12: S/2 (271.35)		927.01	WORKING INTEREST			
	Sec 13: W/2, W/2SE/4, Lots 3 & 4			Amoco Production Company	100.000000%	87.500000%	
	Sec 24: Lots 1,2,3,4, W/2E/2 (E2)			ROYALTY		12.500000%	
	Rosa #66, Rosa #66M (INF),			ORRI		0.000000%	
	Rosa #116, Rosa #125E,						
	Rosa #30, Rosa #30B (INF)						
					100.000000%	**100.000000%**	
				Tract 17			0.04295106
	T31N R5W		320.00	WORKING INTEREST			
SF-078769	Sec 17: W/2			Amoco Production Company	100.000000%	87.500000%	
	Rosa #68, Rosa #31B (INF)			ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	**100.000000%**	

*parties went non-consent

SCHEDULE XXI
TWENTIETH PARTICIPATING AREA FOR THE DAKOTA FORMATION ROSA UNIT

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	NUMBER OF ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
				Tract 18			0.09504264
	T31N R5W		708.10	WORKING INTEREST			
SF-078764	Sec 18: LOTS 3,4, SE/4 (S/2)			Amoco Production Company	100.000000%	87.500000%	
	Sec 19: E/2SE/4,SW/4SE/4, Lot 4			ROYALTY		12.500000%	
	Sec 29: W/2SE/4,SW/4,N/2NE/4			ORRI		0.000000%	
	Rosa #119, Rosa #15A, Rosa #159						
	Rosa #64M, Rosa #64						
					100.000000%	**100.000000%**	
				Tract 19			0.01022235
Miguel A.	T31N R5W		76.16	WORKING INTEREST			
Gonzales et ux	Sec 19: NW/4SE/4, Lot 3			Amoco Production Company	100.000000%	87.500000%	
	Rosa #159			ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	**100.000000%**	
				Tract 20			0.02147553
Manuel C.	T31N R5W		160.00	WORKING INTEREST			
Candelaria et ux	Sec 29: NW/4			Amoco Production Company	100.000000%	87.500000%	
	Rosa #64M, Rosa #64			ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	**100.000000%**	
				Tract 21			0.02147553
	T31N R5W		160.00	WORKING INTEREST			
SF-079165	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%**	

*parties went non-consent

SCHEDULE XXI
TWENTIETH PARTICIPATING AREA FOR THE DAKOTA FORMATION ROSA UNIT

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	NUMBER OF ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
	T31N R5W			**Tract 25**			0.02147553
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%**	
				Tract 26			0.02147553
	T31N R5W		160.00	WORKING INTEREST			
E-347-48	Sec 32: NE/4			Amoco Production Company	100.000000%	87.500000%	
	Rosa #26A			ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	**100.000000%**	
	T31N R5W			**Tract 27**			0.04295106
E-347-55	Sec 32: SE/4, SW/4		320.00	WORKING INTEREST			
	Rosa #26A, Rosa #26B (INF)			*Williams Production*	50.000000%	32.812500%	
	Rosa #24A, Rosa #24B (INF)			Fred. E. Turner *	10.000000%	6.562500%	
	Rosa #24C (INF)			*Elizabeth T. Calloway* *	10.000000%	6.562500%	
				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%**	

**parties went non-consent*

SCHEDULE XXI
TWENTIETH PARTICIPATING AREA FOR THE DAKOTA FORMATION ROSA UNIT

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	NUMBER OF ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
				Tract 28			0.04295106
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%**	
				Tract 30			0.04656298
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%**	
				Tract 31			
VB0435	T31N R6W						
	Sec 2: Lots 5,	9.35					
	Rosa #148						
	This tract is not committed to						
	the unit						
SF-078765	T31N R6W			**Tract 33**			0.02147553
	Sec 8:E/2NE/4, E/2SE/4		160.00	WORKING INTEREST			
	Rosa #167B			Amoco Production Company	100.000000%	**87.500000%**	
				ROYALTY		**12.500000%**	
				ORRI		**0.000000%**	
					100.000000%		
Thomas B Miller	T31N R6W			**Tract 34**			0.02147553
et ux	SEC 8: W/2NE/4, W/2SE/4		160.00	WORKING INTEREST			
	Rosa #167B			Amoco Production Company	**100.000000%**	**87.500000%**	
				ROYALTY		**12.500000%**	
				ORRI		**0.000000%**	
					100.000000%		

*parties went non-consent

SCHEDULE XXI
TWENTIETH PARTICIPATING AREA FOR THE DAKOTA FORMATION ROSA UNIT

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	NUMBER OF ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-078771	T31N R6W			**TRACT 37**			0.08590212
	Sec 23: S/2		640.00	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%**	
Jose M. Lopez	T31N R6W			**TRACT 38**			0.01073776
et al	Sec 16: Tract 39		80.00	WORKING INTEREST			
	Rosa #185A *, Rosa #185 * (INF)			Amoco Production Company *	100.000000%	87.500000%	
				ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	**100.000000%**	
				Tract 39			0.18064813
SF-078766	T31N R6W		1345.89	WORKING INTEREST			
	Sec 21: S/2, W/2NW/4, LOT1,2, & 3			Amoco Production Company *	100.000000%	87.500000%	
	Sec 22: Lot 1, E/2NW/4,SW/4			ROYALTY		12.500000%	
	Sec 17: W/2			ORRI		0.000000%	
	Sec 16: W/2SW/4						
	Sec 25: N/2						
	Rosa #96, Rosa #79, Rosa #100						
	Rosa #185A *, Rosa #185 * (INF)						
	Rosa #79B (INF)				**100.000000%**	**100.000000%**	
	Rosa #165B						
				Tract 40			0.00847210
E-346-20	T31N R6W		63.12	WORKING INTEREST			
	Sec 16: NE/4SW/4,NW/4SE/4			Williams Production Co LLC	50.000000%	32.812500%	
	Rosa #185A *, Rosa #185 *(INF)			Fred. E. Turner *	10.000000%	6.562500%	
				Elizabeth T. Calloway	10.000000%	6.562500%	
				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%**	

*parties went non-consent

SCHEDULE XXI
TWENTIETH PARTICIPATING AREA FOR THE DAKOTA FORMATION ROSA UNIT

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	NUMBER OF ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
				Tract 40A			0.00960493
E-346-22	T31N R6W		71.56	WORKING INTEREST			
	Sec 16: SE/4SW/4,NE/4SE/4			Williams Production Co LLC	50.000000%	32.812500%	
	Rosa #185A *, Rosa #185 * (INF)			Fred. E. Turner *	10.000000%	6.562500%	
				Elizabeth T. Calloway	10.000000%	6.562500%	
				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%**	
				Tract 41			0.02147553
E-289	T31N R6W		160.00	WORKING INTEREST			
	Sec 16: approximately 16.88 S/2S/2SE/4SW/4,			Wiser Oil Co.	100.000000%	87.500000%	
	S/2S/2SW/4SE/4			ROYALTY		12.500000%	
	Rosa #185A *, Rosa #185 * (INF)			ORRI		0.000000%	
	T31N R6W						
	SEC 21: 71.56 acres of the E/2NW/4, 71.56				**100.000000%**	**100.000000%**	
	acres out of W/2NE/4						
	Rosa #32B						
				Tract 42			0.01073776
E-289-50	T31N R6W		80.00	WORKING INTEREST			
	Sec 16: S/2S/2SE/4SE/4			Amoco Production Company	100.000000%	85.000000%	
	Rosa #185A *, Rosa #185 * (INF)			ROYALTY		12.500000%	
	Sec 21: E/2NE/4			ORRI		2.500000%	
	ROSA #32B						
					100.000000%	**100.000000%**	
				Tract 43			0.00960896
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%**	

*parties went non-consent

SCHEDULE XXI
TWENTIETH PARTICIPATING AREA FOR THE DAKOTA FORMATION ROSA UNIT

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	NUMBER OF ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
	T32N R6W			**Tract 45**			0.04295106
E-504-19	Sec 32: E/2		320.00	WORKING INTEREST			
	Rosa #29M, Rosa #29B (INF)			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%**	
		9.35	**7450.34**				**1.00000000**

*parties went non-consent

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

RECAPITULATION

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

Sec 8: S/2
Sec 10: N/2
Sec 17: W/2
Sec 18: Lots 3, (35.92), 4 (35.91), SE/4
Sec 19: E/2SE/4,SW/4SE/4,NW/4SE/4, Lots 3 (36.16), 4 (36.27),
Sec 29: ALL
Sec 32: ALL
Sec 33: S/2

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

Sec 2: Lots 6 (9.25), 7 (9.13), 8 (8.53), S/2
Sec 8: E/2
Sec 11: E/2
Sec 12: S/2 (271.35)
Sec 13: W/2, W/2SE/4, Lots 3 (15.84), 4 (15.90)
Sec 16: S/2SE/4,W/2SW/4,
NW/4SE/4,NE/4/SW/4 (63) acres
NE/4SE/4,SE/4SW/4 (71.5) acres
Portions of State Lease E-289 lying in SE/4SW/4 and SW/SE/4 (17 acres)
Portions of State Lease E-289 lying in SE/4SE/4 (8.5 acres)
Sec 17: W/2
Sec 21: S/2, E/2NW/4, W/2NE/4, E/2NE/4, W/2NW/4, LOTS 1,2,& 3
Sec 22: Lot 1 (8.41), E/2NW/4, SW/4,
Portions of Tract 40 lying in W/2 NW/4 (71.59)
Sec 23: S/2
Sec 24: Lots 1 (15.93), 2 (15.97), 3 (15.99), 4 (16.03), W/2E/2
Sec 25: NW/4, W/2NE/4, LOTS 1 & 2
Township 32N, Range 6W, N.M.P.M.

Sec 32: E/2

Total number of Acres in Participating Area:	7,459.69
Total number of Acres Committed to Participating Area:	7.450.34
Total number of Acres not-Commited to Participating Area:	9.35

WILLIAMS PRODUCTION COMPANY LLC
ROSA UNIT DAKOTA
20TH EXPANSION

BP/America	0.80331348
Elizabeth T. Calloway	0.01168645
Fred E. Turner	0.01168645
J. Glenn Turner	0.01168645
John Lee Turner	0.01168645
Mary F. Turner, Jr Trust	0.01168645
Williams Production Co LLC	0.11677875
Wiser Oil Co.	0.02147554
	1.00000000

Effective: 06/01/02

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

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	NUMBER OF ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
				Tract 13			0.04139533
SF-078763	T31N R5W		320.00	WORKING INTEREST			
	Sec 8: S/2			Amoco Production Company	100.000000%	87.500000%	
	Rosa #80			ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	**100.000000%**	
				Tract 13A			0.04139533
SF-078763	T31N R5W		320.00	Williams Production Co. LLC	100.000000%	81.250000%	
	Sec 10: N/2			ROYALTY		12.500000%	
	Rosa #70			ORRI		6.250000%	
					100.000000%	**100.000000%**	
SF-078767	T31N R6W			**Tract 14**			0.11991840
	Sec 12: S/2 (271.35)		927.01	WORKING INTEREST			
	Sec 13: W/2, W/2SE/4, Lots 3 & 4			Amoco Production Company	100.000000%	87.500000%	
	Sec 24: Lots 1,2,3,4, W/2E/2 (E2)			ROYALTY		12.500000%	
	Rosa #66, Rosa #66M (INF),			ORRI		0.000000%	
	Rosa #116, Rosa #125E,						
	Rosa #30, Rosa #30B (INF)						
					100.000000%	**100.000000%**	
				Tract 17			0.04139533
	T31N R5W		320.00	WORKING INTEREST			
SF-078769	Sec 17: W/2			Amoco Production Company	100.000000%	87.500000%	
	Rosa #68, Rosa #31B (INF)			ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	**100.000000%**	

*parties went non-consent

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

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	NUMBER OF ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
				Tract 18			0.09160011
	T31N R5W		708.10	WORKING INTEREST			
SF-078764	Sec 18: LOTS 3,4, SE/4 (S/2)			Amoco Production Company	100.000000%	87.500000%	
	Sec 19: E/2SE/4,SW/4SE/4, Lot 4			ROYALTY		12.500000%	
	Sec 29: W/2SE/4,SW/4,N/2NE/4			ORRI		0.000000%	
	Rosa #119, Rosa #15A, Rosa #159						
	Rosa #64M, Rosa #64						
					100.000000%	**100.000000%**	
				Tract 19			0.00985209
Miguel A.	T31N R5W		76.16	WORKING INTEREST			
Gonzales et ux	Sec 19: NW/4SE/4, Lot 3			Amoco Production Company	100.000000%	87.500000%	
	Rosa #159			ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	**100.000000%**	
				Tract 20			0.02069767
Manuel C.	T31N R5W		160.00	WORKING INTEREST			
Candelaria et ux	Sec 29: NW/4			Amoco Production Company	100.000000%	87.500000%	
	Rosa #64M, Rosa #64			ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	**100.000000%**	
				Tract 21			0.02069767
	T31N R5W		160.00	WORKING INTEREST			
SF-079165	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%**	

*parties went non-consent

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

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	NUMBER OF ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
	T31N R5W			**Tract 25**			0.02069767
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%**	
				Tract 26			0.02069767
	T31N R5W		160.00	WORKING INTEREST			
E-347-48	Sec 32: NE/4			Amoco Production Company	100.000000%	87.500000%	
	Rosa #26A			ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	**100.000000%**	
	T31N R5W			**Tract 27**			0.04139533
E-347-55	Sec 32: SE/4, SW/4		320.00	WORKING INTEREST			
	Rosa #26A, Rosa #26B (INF)			Williams Production	50.000000%	32.812500%	
	Rosa #24A, Rosa #24B (INF)			Fred. E. Turner *	10.000000%	6.562500%	
	Rosa #24C (INF)			Elizabeth T. Calloway *	10.000000%	6.562500%	
				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%**	

*parties went non-consent

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

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	NUMBER OF ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
				Tract 28			0.04139533
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%**	
				Tract 30			0.04487642
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%**	
				Tract 31			
VB0435	T31N R6W	9.35					
	Sec 2: Lots 5,						
	Rosa #148						
	This tract is not committed to						
	the unit						
SF-078765	T31N R6W			**Tract 33**			0.02069767
	Sec 8:E/2NE/4, E/2SE/4		160.00	WORKING INTEREST			
	Rosa #167B			Amoco Production Company	100.000000%	**87.500000%**	
				ROYALTY		**12.500000%**	
				ORRI		**0.000000%**	
					100.000000%		
Thomas B Miller	T31N R6W			**Tract 34**			0.02069767
et ux	SEC 8: W/2NE/4, W/2SE/4		160.00	WORKING INTEREST			
	Rosa #167B			Amoco Production Company	100.000000%	**87.500000%**	
				ROYALTY		**12.500000%**	
				ORRI		**0.000000%**	
					100.000000%		

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

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	NUMBER OF ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-078771	T31N R6W			**TRACT 37**			0.11901158
	Sec 23: S/2		920.00	WORKING INTEREST			
	Sec 11: E/2			Amoco Production Company	100.000000%	87.500000%	
	Sec 26: NE/4, W/2NW/4, NE/4NW/4			ROYALTY		12.500000%	
	Rosa #98, Rosa #1E			ORRI		0.000000%	
	Rosa #5B				**100.000000%**	**100.000000%**	
Jose M. Lopez	T31N R6W			**TRACT 38**			0.01034883
et al	Sec 16: Tract 39		80.00	WORKING INTEREST			
	Rosa #185A *, Rosa #185 * (INF)			Amoco Production Company *	100.000000%	87.500000%	
				ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	**100.000000%**	
				Tract 39			0.17410489
SF-078766	T31N R6W		1345.89	WORKING INTEREST			
	Sec 21: S/2, W/2NW/4, LOT1,2, & 3			Amoco Production Company *	100.000000%	87.500000%	
	Sec 22: Lot 1, E/2NW/4,SW/4			ROYALTY		12.500000%	
	Sec 17: W/2			ORRI		0.000000%	
	Sec 16: W/2SW/4						
	Sec 25: N/2						
	Rosa #96, Rosa #79, Rosa #100						
	Rosa #185A *, Rosa #185 * (INF)						
	Rosa #79B (INF)				**100.000000%**	**100.000000%**	
	Rosa #165B						
				Tract 40			0.00816523
E-346-20	T31N R6W		63.12	WORKING INTEREST			
	Sec 16: NE/4SW/4,NW/4SE/4			Williams Production Co LLC	50.000000%	32.812500%	
	Rosa #185A *, Rosa #185 *(INF)			Fred. E. Turner *	10.000000%	6.562500%	
				Elizabeth T. Calloway	10.000000%	6.562500%	
				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%**	

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

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	NUMBER OF ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
				Tract 40A			0.00925703
E-346-22	T31N R6W		71.56	WORKING INTEREST			
	Sec 16: SE/4SW/4,NE/4SE/4			Williams Production Co LLC	50.000000%	32.812500%	
	Rosa #185A *, Rosa #185 * (INF)			Fred. E. Turner *	10.000000%	6.562500%	
				Elizabeth T. Calloway	10.000000%	6.562500%	
				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%**	
				Tract 41			0.02069767
E-289	T31N R6W		160.00	WORKING INTEREST			
	Sec 16: approximately 16.88 S/2S/2SE/4SW/4,			Wiser Oil Co.	100.000000%	87.500000%	
	S/2S/2SW/4SE/4			ROYALTY		12.500000%	
	Rosa #185A *, Rosa #185 * (INF)			ORRI		0.000000%	
	T31N R6W						
	SEC 21: 71.56 acres of the E/2NW/4, 71.56				**100.000000%**	**100.000000%**	
	acres out of W/2NE/4						
	Rosa #32B						
				Tract 42			0.01034883
E-289-50	T31N R6W		80.00	WORKING INTEREST			
	Sec 16: S/2S/2SE/4SE/4			Amoco Production Company	100.000000%	85.000000%	
	Rosa #185A *, Rosa #185 * (INF)			ROYALTY		12.500000%	
	Sec 21: E/2NE/4			ORRI		2.500000%	
	ROSA #32B						
					100.000000%	**100.000000%**	
				Tract 43			0.00926091
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%**	

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

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	NUMBER OF ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
	T32N R6W			**Tract 45**			0.04139533
E-504-19	Sec 32: E/2		320.00	WORKING INTEREST			
	Rosa #29M, Rosa #29B (INF)			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%**	
		9.35	**7730.34**				**1.00000000**

*parties went non-consent

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

RECAPITULATION

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

Sec 8: S/2
Sec 10: N/2
Sec 17: W/2
Sec 18: Lots 3, (35.92), 4 (35.91), SE/4
Sec 19: E/2SE/4,SW/4SE/4,NW/4SE/4, Lots 3 (36.16), 4 (36.27),
Sec 29: ALL
Sec 32: ALL
Sec 33: S/2

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

Sec 2: Lots 6 (9.25), 7 (9.13), 8 (8.53), S/2
Sec 8: E/2
Sec 11: E/2
Sec 12: S/2 (271.35)
Sec 13: W/2, W/2SE/4, Lots 3 (15.84), 4 (15.90)
Sec 16: S/2SE/4,W/2SW/4,
NW/4SE/4,NE/4/SW/4 (63) acres
NE/4SE/4,SE/4SW/4 (71.5) acres
Portions of State Lease E-289 lying in SE/4SW/4 and SW/SE/4 (17 acres)
Portions of State Lease E-289 lying in SE/4SE/4 (8.5 acres)
Sec 17: W/2
Sec 21: S/2, E/2NW/4, W/2NE/4, E/2NE/4, W/2NW/4, LOTS 1,2,& 3
Sec 22: Lot 1 (8.41), E/2NW/4, SW/4,
Portions of Tract 40 lying in W/2 NW/4 (71.59)
Sec 23: S/2
Sec 24: Lots 1 (15.93), 2 (15.97), 3 (15.99), 4 (16.03), W/2E/2
Sec 25: NW/4, W/2NE/4, LOTS 1 & 2
Sec 26: NE/4, W/2NW/4, NE/4NW/4

Township 32N, Range 6W, N.M.P.M.

Sec 32: E/2

Total number of Acres in Participating Area:	7,739.69
Total number of Acres Committed to Participating Area:	7,730.34
Total number of Acres not-Commited to Participating Area:	9.35

WILLIAMS PRODUCTION COMPANY LLC
ROSA UNIT DK
21ST EXPANSION

BP/America	0.81043765
Elizabeth T. Calloway	0.01126315
Fred E. Turner	0.01126315
J. Glenn Turner	0.01126315
John Lee Turner	0.01126315
Mary F. Turner, Jr Trust	0.01126315
Williams Production Co. LLC	0.11254891
Wiser Oil Co.	0.02069768
	1.00000000

Effective: 07/01/02

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

SERIAL NUMBER	DESCRIPTION	NON-COMMITTED ACRES	NUMBER OF ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
				Tract 13			0.03974987
SF-078763	T31N R5W		320.00	WORKING INTEREST			
	Sec 8: S/2			Amoco Production Company	100.000000%	87.500000%	
	Rosa #80			ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	**100.000000%**	
				Tract 13A			0.03974987
SF-078763	T31N R5W		320.00	Williams Production Co. LLC	100.000000%	81.250000%	
	Sec 10: N/2			ROYALTY		12.500000%	
	Rosa #70			ORRI		6.250000%	
					100.000000%	**100.000000%**	
SF-078767	T31N R6W			**Tract 14**			0.11515166
	Sec 12: S/2 (271.35)		927.01	WORKING INTEREST			
	Sec 13: W/2, W/2SE/4, Lots 3 & 4			Amoco Production Company	100.000000%	87.500000%	
	Sec 24: Lots 1,2,3,4, W/2E/2 (E2)			ROYALTY		12.500000%	
	Rosa #66, Rosa #66M (INF),			ORRI		0.000000%	
	Rosa #116, Rosa #125E,						
	Rosa #30, Rosa #30B (INF)						
					100.000000%	**100.000000%**	
				Tract 17			0.03974987
	T31N R5W		320.00	WORKING INTEREST			
SF-078769	Sec 17: W/2			Amoco Production Company	100.000000%	87.500000%	
	Rosa #68, Rosa #31B (INF)			ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	**100.000000%**	

*partieswent non-consent

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

				Tract 18			0.10783395
	T31N R5W		868.10	WORKING INTEREST			
SF-078764	Sec 18: LOTS 3,4, SE/4 (S/2)			Amoco Production Company	100.000000%	87.500000%	
	Sec 19: E/2SE/4,SW/4SE/4, Lot 4			ROYALTY		12.500000%	
	Sec 29: W/2SE/4,SW/4,N/2NE/4			ORRI		0.000000%	
	Sec 20: SE/4						
	Rosa #119, Rosa #15A, Rosa #159						
	Rosa #64M, Rosa #64				**100.000000%**	**100.000000%**	
	Rosa #17B						
				Tract 19			0.00946047
Miguel A.	T31N R5W		76.16	WORKING INTEREST			
Gonzales et ux	Sec 19: NW/4SE/4, Lot 3			Amoco Production Company	100.000000%	87.500000%	
	Rosa #159			ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	**100.000000%**	
				Tract 20			0.03974987
Manuel C.	T31N R5W		320.00	WORKING INTEREST			
Candelaria et ux	Sec 29: NW/4			Amoco Production Company	100.000000%	87.500000%	
	Rosa #64M, Rosa #64			ROYALTY		12.500000%	
	Sec 20: SW/4			ORRI		0.000000%	
	Rosa #17B						
					100.000000%	**100.000000%**	
				Tract 21			0.01987494
	T31N R5W		160.00	WORKING INTEREST			
SF-079165	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%**	

*partieswent non-consent

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

	T31N R5W			**Tract 25**			0.01987494
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%**	
				Tract 26			0.01987494
	T31N R5W		160.00	WORKING INTEREST			
E-347-48	Sec 32: NE/4			Amoco Production Company	100.000000%	87.500000%	
	Rosa #26A			ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	**100.000000%**	
	T31N R5W			**Tract 27**			0.03974987
E-347-55	Sec 32: SE/4, SW/4		320.00	WORKING INTEREST			
	Rosa #26A, Rosa #26B (INF)			Williams Production	50.000000%	32.812500%	
	Rosa #24A, Rosa #24B (INF)			Fred. E. Turner *	10.000000%	6.562500%	
	Rosa #24C (INF)			Elizabeth T. Calloway *	10.000000%	6.562500%	
				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%**	
				Tract 28			0.03974987
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%**	

*partieswent non-consent

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

				Tract 30			0.04309259
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%**	
				Tract 31			
VB0435	T31N R6W	9.35					
	Sec 2: Lots 5,						
	Rosa #148						
	This tract is not committed to						
	the unit						
				Tract 33			0.01987494
SF-078765	T31N R6W		160.00	WORKING INTEREST			
	Sec 8:E/2NE/4, E/2SE/4			Amoco Production Company	100.000000%	**87.500000%**	
	Rosa #167B			ROYALTY		**12.500000%**	
				ORRI		**0.000000%**	
					100.000000%		
Thomas B Miller	T31N R6W			**Tract 34**			0.01987494
et ux	SEC 8: W/2NE/4, W/2SE/4		160.00	WORKING INTEREST			
	Rosa #167B			Amoco Production Company	100.000000%	**87.500000%**	
				ROYALTY		**12.500000%**	
				ORRI		**0.000000%**	
					100.000000%		
SF-078771	T31N R6W			**TRACT 37**			0.11428089
	Sec 23: S/2		920.00	WORKING INTEREST			
	Sec 11: E/2			Amoco Production Company	100.000000%	87.500000%	
	Sec 26: NE/4, W/2NW/4, NE/4NW/4			ROYALTY		12.500000%	
	Rosa #98, Rosa #1E			ORRI		0.000000%	
	Rosa #5B				**100.000000%**	**100.000000%**	

*partieswent non-consent

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

Jose M. Lopez	T31N R6W			**TRACT 38**			0.00993747
et al	Sec 16: Tract 39		80.00	WORKING INTEREST			
	Rosa #185A *, Rosa #185 * (INF)			Amoco Production Company *	100.000000%	87.500000%	
				ROYALTY		12.500000%	
				ORRI		0.000000%	
					100.000000%	**100.000000%**	
				Tract 39			0.16718424
SF-078766	T31N R6W		1345.89	WORKING INTEREST			
	Sec 21: S/2, W/2NW/4, LOT1,2, & 3			Amoco Production Company *	100.000000%	87.500000%	
	Sec 22: Lot 1, E/2NW/4,SW/4			ROYALTY		12.500000%	
	Sec 17: W/2			ORRI		0.000000%	
	Sec 16: W/2SW/4						
	Sec 25: N/2						
	Rosa #96, Rosa #79, Rosa #100						
	Rosa #185A *, Rosa #185 * (INF)						
	Rosa #79B (INF)				**100.000000%**	**100.000000%**	
	Rosa #32B						
	Rosa #165B						
				Tract 40			0.00784066
E-346-20	T31N R6W		63.12	WORKING INTEREST			
	Sec 16: NE/4SW/4,NW/4SE/4			Williams Production Co LLC	50.000000%	32.812500%	
	Rosa #185A *, Rosa #185 *(INF)			Fred. E. Turner *	10.000000%	6.562500%	
				Elizabeth T. Calloway	10.000000%	6.562500%	
				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%**	

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

				Tract 40A			0.00888907
E-346-22	T31N R6W		71.56	WORKING INTEREST			
	Sec 16: SE/4SW/4,NE/4SE/4			Williams Production Co LLC	50.000000%	32.812500%	
	Rosa #185A *, Rosa #185 * (INF)			Fred. E. Turner *	10.000000%	6.562500%	
				Elizabeth T. Calloway	10.000000%	6.562500%	
				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%**	
				Tract 41			0.01987494
E-289	T31N R6W		160.00	WORKING INTEREST			
	Sec 16: approximately 16.88			Wiser Oil Co.	100.000000%	87.500000%	
	S/2S/2SE/4SW/4, S/2S/2SW/4SE/4			ROYALTY		12.500000%	
	Rosa #185A *, Rosa #185 * (INF)			ORRI		0.000000%	
	T31N R6W						
	SEC 21: 71.56 acres of the E/2NW/4, 71.56				**100.000000%**	**100.000000%**	
	acres out of W/2NE/4						
	Rosa #32B						
				Tract 42			0.00993747
E-289-50	T31N R6W		80.00	WORKING INTEREST			
	Sec 16: approximately 8.44 acres in the			Amoco Production Company	100.000000%	85.000000%	
	S/2S/2SE/4SE/4			ROYALTY		12.500000%	
	Rosa #185A *, Rosa #185 * (INF)			ORRI		2.500000%	
	Sec 21: 71.56 acres out of the E/2NE/4						
	ROSA #32B				**100.000000%**	**100.000000%**	
				Tract 43			0.00889279
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%**	

*partieswent non-consent

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

	T32N R6W			**Tract 45**			0.03974987
E-504-19	Sec 32: E/2		320.00	WORKING INTEREST			
	Rosa #29M, Rosa #29B (INF)			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%***	
		9.35	**8050.34**				**1.00000000**

*partieswent non-consent

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

RECAPITULATION

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

Sec 8: S/2
Sec 10: N/2
Sec 17: W/2
Sec 18: Lots 3, (35.92), 4 (35.91), SE/4
Sec 19: E/2SE/4,SW/4SE/4,NW/4SE/4, Lots 3 (36.16), 4 (36.27),
Sec 20: S/2
Sec 29: ALL
Sec 32: ALL
Sec 33: S/2

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

Sec 2: Lots 6 (9.25), 7 (9.13), 8 (8.53), S/2
Sec 8: E/2
Sec 11: E/2
Sec 12: S/2 (271.35)
Sec 13: W/2, W/2SE/4, Lots 3 (15.84), 4 (15.90)
Sec 16: S/2SE/4,W/2SW/4,
NW/4SE/4,NE/4/SW/4 (63) acres
NE/4SE/4,SE/4SW/4 (71.5) acres
Portions of State Lease E-289 lying in SE/4SW/4 and SW/SE/4 (17 acres)
Portions of State Lease E-289 lying in SE/4SE/4 (8.5 acres)
Sec 17: W/2
Sec 21: S/2, E/2NW/4, W/2NE/4, E/2NE/4, W/2NW/4, LOTS 1,2,& 3
Sec 22: Lot 1 (8.41), E/2NW/4, SW/4,
Portions of Tract 40 lying in W/2 NW/4 (71.59)
Sec 23: S/2
Sec 24: Lots 1 (15.93), 2 (15.97), 3 (15.99), 4 (16.03), W/2E/2
Sec 25: NW/4, W/2NE/4, LOTS 1 & 2
Sec 26: NE/4, W/2NW/4, NE/4NW/4

Township 32N, Range 6W, N.M.P.M.

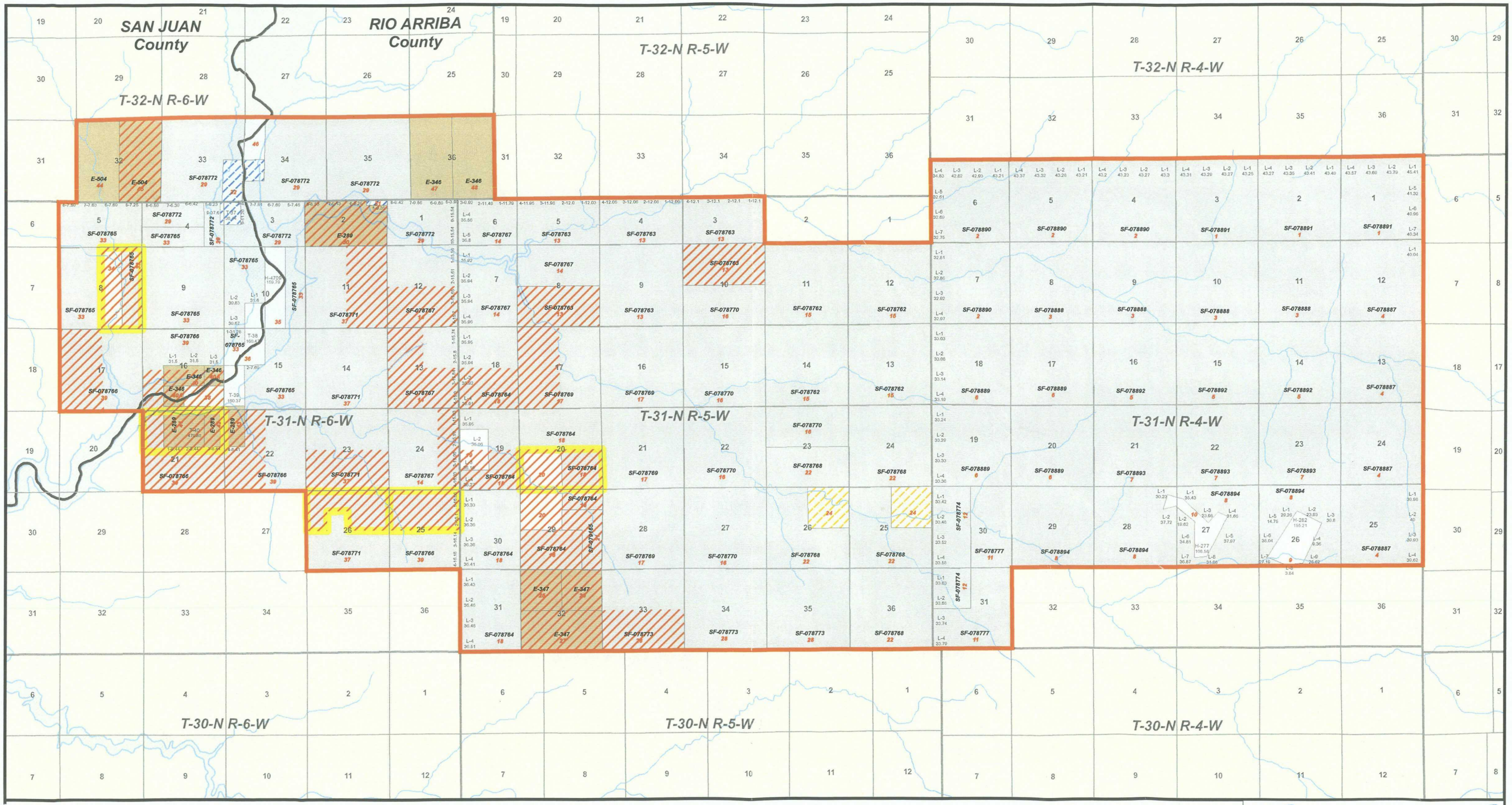
Sec 32: E/2

Total number of Acres in Participating Area:	8,059.69
Total number of Acres Committed to Participating Area:	8,050.34
Total number of Acres not-Commited to Participating Area:	9.35

WILLIAMS PRODUCTION COMPANY LLC
ROSA UNIT DAKOTA
22ND EXPANSION

BP/America	0.81797273
Elizabeth T. Calloway	0.01081544
Fred E. Turner	0.01081544
J. Glenn Turner	0.01081544
John Lee Turner	0.01081544
Mary F. Turner, Jr Trust	0.01081544
Williams Production Co LLC	0.10807510
Wiser Oil Co.	0.01987495
	1.00000000

Effective date: 08/01/02



Dakota Participating Area- 19th - 22nd Expansion

Dakota Participating Area- Initial -18th Expansion

Mineral Ownership

- Federal
- Fee
- Partially Committed
- State
- Not Committed

Rosa Unit Tract No: XX

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

Williams Exploration & Production Williams

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

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

Map Document: (G:\Project\San_Juan\Rosa_Unit\Participating_Areas\rosa-unit_dk_pa.mxd)
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