



State of New Mexico

OFFICE OF THE

Commissioner of Public Lands

Santa Fe

JIM BACA
COMMISSIONER

September 3, 1992

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

Phillips Petroleum Company
5525 Hwy. 64 NBU 3004
Farmington, New Mexico 87401

Attn: Mr. A. J. Kieke

Re: San Juan 30-5 Unit, Rio Arriba County, New Mexico, Application
for Approval of Initial thru Second Expanded Participating
Area, Fruitland Formation

Dear Mr. Kieke:

The Bureau of Land Management has notified this office that the Initial Participating Area, First and Second Expansions for the Fruitland Formation in the San Juan 30-5 Unit have been approved.

Please be advised that the Commissioner of Public Lands concurs with the Bureau of Land Management's decision that the Well Nos. 201 (Initial PA), 209 (1st Expansion) and 203 (2nd expansion) are capable of producing in paying quantities. This office has also approved your application for the above mentioned participating areas.

The Initial Participating Area contains 320.00 acres and is described as the W $\frac{1}{2}$ of Section 19, Township 30 North Range 5 West. The Initial PA is effective January 31, 1990.

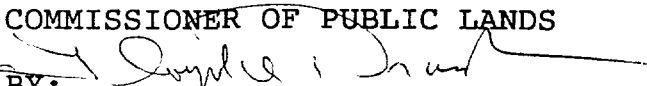
The First Expansion adds 320.00 acres to the Fruitland Participating Area and is described as the E $\frac{1}{2}$ of Section 30, Township 30 North, Range 5 West. The first expansion is effective June 1, 1990.

The Second Expansion adds 319.78 acres to the Fruitland Participating Area and is described as the Lots 10, 11, S $\frac{1}{2}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$ SW $\frac{1}{4}$, N $\frac{1}{2}$ SW $\frac{1}{4}$, SE $\frac{1}{4}$ SW $\frac{1}{4}$ (W $\frac{1}{2}$) of Section 6, Township 30 North, Range 5 West. The second expansion is effective July 1, 1990.

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

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: 
FLOYD O. PRANDO, Director
Oil/Gas and Minerals Division
(505) 827-5744
JB/FOP/pm
encls.

cc: Reader File
BLM-Farmington, OCD-Santa Fe, TRD- Santa Fe



JIM BACA
COMMISSIONER

State of New Mexico
OFFICE OF THE
Commissioner of Public Lands
Santa Fe

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

August 26, 1992

Phillips Petroleum Company
5525 Hwy. 64 NBU 3004
Farmington, New Mexico 87401

Attention: Mr. A. J. Kieke

Re: San Juan 29-6 Unit
Application of Initial Participation Area
Effective December 10, 1989
Application for First Expansion
Effective February 1, 1990
Application for Second Expansion
Effective March 1, 1990
Application for Third Expansion
Effective April 1, 1990
Application for Fourth Expansion
Effective May 1, 1990
Application for Fifth Expansion
Effective June 1, 1990
Application for Sixth Expansion
Effective July 1, 1990
Fruitland Formation
Rio Arriba County, New Mexico

Dear Mr. Kieke:

This office is in receipt of your letter of December 6, 1991 wherein you have requested our approval of the above captioned participating expansions.

The Bureau of Land Management, by their letter of June 10, 1992 and July 30, 1992, has notified this office that the following wells within the San Juan 29-6 Unit area have been determined to be capable of producing in paying quantities:

1. San Juan 29-6 Unit Well No. 201, E $\frac{1}{2}$ Sec. 6-29N-6W;
2. San Juan 29-6 Unit Well No. 206, E $\frac{1}{2}$ Sec. 4-29N-6W;
3. San Juan 29-6 Unit Well No. 207, W $\frac{1}{2}$ Sec. 2-29N-6W;
4. San Juan 29-6 Unit Well No. 208, W $\frac{1}{2}$ Sec. 17-29N-6W;
5. San Juan 29-6 Unit Well No. 209, E $\frac{1}{2}$ Sec. 17-29N-6W;
6. San Juan 29-6 Unit Well No. 213, E $\frac{1}{2}$ Sec. 30-29N-6W;

Phillips Petroleum Co.
August 26, 1992
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7. San Juan 29-6 Unit Well No. 214, E½ Sec. 3-29N-6W;
8. San Juan 29-6 Unit Well No. 215, W½ Sec. 3-29N-6W;
9. San Juan 29-6 Unit Well No. 216, E½ Sec. 4-29N-6W;
10. San Juan 29-6 Unit Well No. 217, E½ Sec. 5-29N-6W;
11. San Juan 29-6 Unit Well No. 218, W½ Sec. 5-29N-6W;
12. San Juan 29-6 Unit Well No. 219, E½ Sec. 10-29N-6W;
13. San Juan 29-6 Unit Well No. 220, E½ Sec. 11-29N-6W;
14. San Juan 29-6 Unit Well No. 221, W½ Sec. 11-29N-6W;
15. San Juan 29-6 Unit Well No. 223, W½ Sec. 12-29N-6W;
16. San Juan 29-6 Unit Well No. 246, W½ Sec. 8-29N-6W;

The following wells were determined to be unable to produce in paying quantities:

1. San Juan 29-6 Unit Well No. 212, W½ Sec. 30-29N-6W;
2. San Juan 29-6 Unit Well No. 225, W½ Sec. 13-29N-6W;
3. San Juan 29-6 Unit Well No. 231, E½ Sec. 36-29N-6W;

Please be advised that the Commissioner of Public Lands concurs with the Bureau of Land Management's decision and has this date approved the Initial Participating Area and the First Expansion for the Fruitland Formation in the San Juan 29-6 Unit. The Initial PA is predicated upon the commercial completion of the Unit Well No. 209 and the 1st Revision is predicated upon the commercial completion of the Unit Well Nos. 201 and 208.

The Second through Sixth Expansion will be approved after we receive the revised Exhibit B's requested by the BLM.

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

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: *Floyd O. Prando*
FLOYD O. PRANDO, Director
Oil/Gas and Minerals Division
(505) 827-5744

JB/FOP/pm

encls.

cc: Reader File
OCD-Santa Fe
BLM-Farmington

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRIILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078426-A	29N 6W	120.00		TRACT: 005A	4.000000	4.000000	37.500000
	SEC. 17 W/2 SE, SE/SE				12.500000	12.500000	
			ORRI:				
			ROYALTY:				
			WORKING INTEREST:				
			ARCO		83.500000	83.500000	
					100.000000	100.000000	
			TOTAL				

REMARKS:

SAN JUAN 29-6 UNIT #209

SF-078960	29N	6W	40.00	TRACT:	006	12.500000
	SEC.	17	NE/SE			
				ORRI:		4.000000
				ROYALTY:		12.500000
				WORKING INTEREST:		68.470000
				PHILLIPS PETROLEUM COMPANY		15.030000
				WILLIAMS PRODUCTION COMPANY		100.000000
				TOTAL		100.000000

REMARKS:

SAN JUAN 29-6 UNIT #209

[illegible]

REMARKS:

SAN JUAN 29-6 UNIT #209

EFFECTIVE 89/12/10

TOWNSHIP 29N	RANGE 6W
SECTION 17	: W/2 SE, SE/SE
SECTION 17	: NE/SE
SECTION 17	: NE/4
TOTAL COMMITTED:	320.00
TOTAL NUMBER OF ACRES IN PARTICIPATING AREA:	320.00
TOTAL ACRES NON-COMMITTED:	0.00

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078426	29N 6W	280.00		TRACT: 005			29.198602
SEC. 17	SW/4, S/2 NW, NW/NW		ORRI:		4.000000	4.000000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		62.625000	62.625000	
			MERIDIAN OIL PRODUCTION		20.875000	20.875000	
			ARCO				
			TOTAL		100.000000	100.000000	

REMARKS: SAN JUAN 29-6 UNIT #208

SF-078426-A	29N 6W	120.00		TRACT: 005A			12.513687
SEC. 17	W/2 SE, SE/SE		ORRI:		4.000000	4.000000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		83.500000	83.500000	
			ARCO				
			TOTAL		100.000000	100.000000	

REMARKS: SAN JUAN 29-6 UNIT #209

SF-078960	29N 6W	80.00		TRACT: 006			8.342458
SEC. 17	NE/SE, NE/NW		ORRI:		4.000000	4.000000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		68.470000	68.470000	
			PHILLIPS PETROLEUM COMPANY		15.030000	15.030000	
			WILLIAMS PRODUCTION COMPANY				
			TOTAL		100.000000	100.000000	

REMARKS: SAN JUAN 29-6 UNIT #209
SAN JUAN 29-6 UNIT #208

EFFECTIVE 90/02/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-080379-A	29N 6W	160.00		TRACT: 011			16.684916
	SEC. 17 NE/4						
			ORRI:		5.000000	5.000000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		67.650000	67.650000	
			PHILLIPS PETROLEUM COMPANY		14.850000	14.850000	
			WILLIAMS PRODUCTION COMPANY				
			TOTAL		100.000000	100.000000	

REMARKS: SAN JUAN 29-6 UNIT #209

SF-080379-A	29N 6W	318.95	TRACT: 011A	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
	SEC. 6 S/2 NE, SE/4			5.000000	5.000000	
			ORRI:	12.500000	12.500000	
			ROYALTY:	41.250000	41.250000	
			WORKING INTEREST:	41.250000	41.250000	
			EL PASO PRODUCTION CO			
			BOLACK MINERALS COMPANY			
			TOTAL	100.000000	100.000000	

REMARKS: SAN JUAN 29-6 UNIT #201

EFFECTIVE 90/02/01

33.260337

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FED535AP-A
ING AREA:

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

TOTAL ACRES NON-COMMITTED: 0.00

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA: 958.95

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078278	29N 6W	165.70		TRACT: 002	4.000000	4.000000	7.403965
	SEC. 4	LOTS 5, 9, 10, E/2SE, NW/SE	ORRI:		12.500000	12.500000	
			ROYALTY:		68.470000	68.470000	
			WORKING INTEREST:		15.030000	15.030000	
			PHILLIPS PETROLEUM COMPANY				
			WILLIAMS PRODUCTION COMPANY				
			TOTAL		100.000000	100.000000	

REMARKS: SAN JUAN 29-6 UNIT #206

SF-078426	29N 6W	880.00	TRACT: 005	4.000000	4.000000	39.320998
	SEC. 17	SW/4, S/2 NW, NW/NW	ORRI:	12.500000	12.500000	
			ROYALTY:	62.625000	62.625000	
			WORKING INTEREST:	20.875000	20.875000	
			MERIDIAN OIL PRODUCTION			
			ARCO			
			TOTAL	100.000000	100.000000	

REMARKS: SAN JUAN 29-6 UNIT #208
 SAN JUAN 29-6 UNIT #212
 SAN JUAN 29-6 UNIT #213

SF-078426-A	29N 6W	120.00	TRACT: 005A	4.000000	4.000000	5.361954
	SEC. 17	W/2 SE, SE/SE	ORRI:	12.500000	12.500000	
			ROYALTY:	83.500000	83.500000	
			WORKING INTEREST:			
			ARCO			
			TOTAL	100.000000	100.000000	

REMARKS: SAN JUAN 29-6 UNIT #209

EFFECTIVE 90/03/01

[illegible]

REMARKS:

SAN JUAN 29-6 UNIT #209
SAN JUAN 29-6 UNIT #208

SF-080379-A	29N	6W	160.00	TRACT :	011	7.149272
	SEC.	17	NE/4			
				ORRI :		
				ROYALTY :	5.000000	5.000000
				WORKING INTEREST :	12.500000	12.500000
				PHILLIPS PETROLEUM COMPANY	67.650000	67.650000
				WILLIAMS PRODUCTION COMPANY	14.850000	14.850000
				TOTAL	100.000000	100.000000

REMARKS:

SAN JUAN 29-6 UNIT #209

SF-080379-A	29N	6W	318.95	TRACT:	011A	14.251628
	SEC.	6	LOTS 8 & 9, S/2 NE, SE/4	ORRI:		
				ROYALTY:	5.000000	5.000000
				WORKING INTEREST:	12.500000	12.500000
				EL PASO PRODUCTION CO	41.250000	41.250000
				BOLACK MINERALS COMPANY	41.250000	41.250000
				TOTAL	100.000000	100.000000

REMARKS:

SAN JUAN 29-6 UNIT #201

EFFECTIVE 90/03/01

RUN DATE 12/13/91
RUN TIME 10:36:24

PHILLIPS PETROLEUM COMPANY
THE 002 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 29-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
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E-289-45	29N 6W	239.13		TRACT: 017C	5.000000	5.000000	10.685034
	SEC. 2	LOTS 7&8, S/2NW, W/2SW			12.500000	12.500000	
			ORRI:		5.000000	5.000000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		67.650000	67.650000	
			PHILLIPS PETROLEUM COMPANY		14.850000	14.850000	
			WILLIAMS PRODUCTION COMPANY				
			TOTAL		100.000000	100.000000	

REMARKS: SAN JUAN 29-6 UNIT #207

E-289-43	29N 6W	80.00		TRACT: 017D	5.000000	5.000000	3.574636
	SEC. 2	E/2 SW/4			12.500000	12.500000	
			ORRI:		5.000000	5.000000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		67.650000	67.650000	
			PHILLIPS PETROLEUM COMPANY		14.850000	14.850000	
			WILLIAMS PRODUCTION COMPANY				
			TOTAL		100.000000	100.000000	

REMARKS: SAN JUAN 29-6 UNIT #207

FEE	29N 6W	100.68		TRACT: 019	4.000000	4.000000	4.498680
	SEC. 4	PART OF TR#40 IN NE/4			12.500000	12.500000	
			ORRI:		4.000000	4.000000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		68.470000	68.470000	
			PHILLIPS PETROLEUM COMPANY		15.030000	15.030000	
			WILLIAMS PRODUCTION COMPANY				
			TOTAL		100.000000	100.000000	

REMARKS: SAN JUAN 29-6 UNIT #206

EFFECTIVE 90/03/01

RUN DATE 12/13/91
RUN TIME 10:36:27

PHILLIPS PETROLEUM COMPANY
SCHEDULE III
REGAP TULSA TION

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 29N . RANGE 6W
SECTION 17 : W/2 SE, SE/SE NW/NW
SECTION 17 : SW/4, S/2 NW,
SECTION 17 : NE/SE, NE/NW
SECTION 17 : NE/4
SECTION 2 : LOTS 7&8, S/2NW, W/2SW
SECTION 2 : E/2 SW/4
SECTION 30 : SE/SE
SECTION 30 : W/2, NE/4, W/2SE, NE/SE
SECTION 4 : LOTS 5,9,10, E/2SE, NW/SE
SECTION 4 : 13.53 A. IN NE/4 OF TR#41 SW/SE
SECTION 4 : PART OF TR#40 IN NE/4
SECTION 6 : LOTS 8 & 9, S/2 NE, SE/4
TOTAL COMMITTED: 2,237.99

TOTAL ACRES NON-COMMITTED:

0.00

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA:

2,237.99

RUN DATE 12/13/91
RUN TIME 10:36:32

PHILLIPS PETROLEUM COMPANY
SCHEDULE IV
THE 003 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 29 6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078278	29N 6W	668.61		TRACT: 002			19.007940
	SEC. 3	LOTS 13-16,	ROYALTY:		4.000000	4.000000	
	SW/4		WORKING INTEREST:		12.500000	12.500000	
	SEC. 4	LOT 5,8,9,10,E	PHILLIPS PETROLEUM COMPANY		68.470000	68.470000	
	/2SE, NW/SE		WILLIAMS PRODUCTION COMPANY		15.030000	15.030000	
	SEC. 10	LOTS 1-4,					
	SE/4						
	TOTAL				100.000000	100.000000	

REMARKS:
SAN JUAN 29-6 UNIT #214
SAN JUAN 29-6 UNIT #216
SAN JUAN 29-6 UNIT #215
SAN JUAN 29-6 UNIT #206
SAN JUAN 29-6 UNIT #219

SF-078426	29N 6W	880.00		TRACT: 005			25.017555
	SEC. 17	SW/4, S/2 NW,	ROYALTY:		4.000000	4.000000	
		NW/NW	WORKING INTEREST:		12.500000	12.500000	
	SEC. 30	W/2, NE/4,	MERIDIAN OIL PRODUCTION		62.625000	62.625000	
	W/2SE, NE/SE		ARCO		20.875000	20.875000	
	TOTAL				100.000000	100.000000	

REMARKS:
SAN JUAN 29-6 UNIT #208
SAN JUAN 29-6 UNIT #212
SAN JUAN 29-6 UNIT #213

SF-078426-A	29N 6W	120.00		TRACT: 005A			3.411484
	SEC. 17	W/2 SE, SE/SE	ROYALTY:		4.000000	4.000000	
			WORKING INTEREST:		12.500000	12.500000	
			ARCO		83.500000	83.500000	
	TOTAL				100.000000	100.000000	

REMARKS:
SAN JUAN 29-6 UNIT #209

EFFECTIVE 90/04/01

RUN DATE 12/13/91
RUN TIME 10:36:32

PHILLIPS PETROLEUM COMPANY
SCHEDULE IV
THE 003 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 29 6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
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SF-078960	29N 6W	80.00		TRACT: 006			2.274324
SEC. 17	NE/SE, NE/NW						
	ORRI:				4.000000	4.000000	
	ROYALTY:				12.500000	12.500000	
	WORKING INTEREST:				68.470000	68.470000	
	PHILLIPS PETROLEUM COMPANY				15.030000	15.030000	
	WILLIAMS PRODUCTION COMPANY						
	TOTAL				100.000000	100.000000	

REMARKS:
SAN JUAN 29-6 UNIT #209
SAN JUAN 29-6 UNIT #208

SF-080379-A	29N 6W	160.00		TRACT: 011			4.548646
SEC. 17	NE/4						
	ORRI:				5.000000	5.000000	
	ROYALTY:				12.500000	12.500000	
	WORKING INTEREST:				67.650000	67.650000	
	PHILLIPS PETROLEUM COMPANY				14.850000	14.850000	
	WILLIAMS PRODUCTION COMPANY						
	TOTAL				100.000000	100.000000	

REMARKS:
SAN JUAN 29-6 UNIT #209

SF-080379-A	29N 6W	318.95		TRACT: 011A			9.067442
SEC. 6	OTS 8 & 9, S/2 NE, SE/4				5.000000	5.000000	
	ROYALTY:				12.500000	12.500000	
	WORKING INTEREST:				41.250000	41.250000	
	EL PASO PRODUCTION CO				41.250000	41.250000	
	BOLACK MINERALS COMPANY						
	TOTAL				100.000000	100.000000	

REMARKS:
SAN JUAN 29-6 UNIT #201

EFFECTIVE 90/04/01

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FED530AP-A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRIILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-289-45	29N 6W	239.13		TRACT: 017C			6.798236
	SEC. 2		ORRI:		5.000000	5.000000	
			ROYALTY:		12.500000	12.500000	
	S/2NW, W/2SW		WORKING INTEREST:		67.650000	67.650000	
			PHILLIPS PETROLEUM COMPANY		14.850000	14.850000	
			WILLIAMS PRODUCTION COMPANY				
			TOTAL		100.000000	100.000000	
REMARKS: SAN JUAN 29-6 UNIT #207							
E-289-43	29N 6W	80.00		TRACT: 017D			2.274324
	SEC. 2		ORRI:		5.000000	5.000000	
	E/2 SW/4		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		67.650000	67.650000	
			PHILLIPS PETROLEUM COMPANY		14.850000	14.850000	
			WILLIAMS PRODUCTION COMPANY				
			TOTAL		100.000000	100.000000	

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
FEE	29N 6W	437.78		TRACT: 019			12.445665
	SEC. 4 16.91 A. IN TR#40 IN THE NW/4		ROYALTY:		4.000000	4.000000	
	SEC. 3 13.58 A. OF TR#40 IN THE NW/4		WORKING INTEREST:		12.500000	12.500000	
	SEC. 3 LOTS 5-12, & 67.53 A. OF TR#38		PHILLIPS PETROLEUM COMPANY		68.470000	68.470000	
	SEC. 3 OF SEC. 3 IN THE NW/4		WILLIAMS PRODUCTION COMPANY		15.030000	15.030000	
	SEC. 4 PART OF TR#40 IN NE/4						

REMARKS:

SAN JUAN 29-6 UNIT #214
SAN JUAN 29-6 UNIT #216
SAN JUAN 29-6 UNIT #215
SAN JUAN 29-6 UNIT #206

TOTAL

100.000000

100.000000

FEE 29N 6W 146.59 TRACT: 020 4.167413

SEC. 3 PART OF TR#42
IN THE SE/4 OF SEC3
SEC. 10 PART OF TR#42
IN NE/4-84.13 ACRES

ORRI: 4.000000 4.000000
ROYALTY: 12.500000 12.500000
WORKING INTEREST: 68.470000 68.470000
PHILLIPS PETROLEUM COMPANY 15.030000 15.030000
WILLIAMS PRODUCTION COMPANY

TOTAL 100.000000 100.000000

REMARKS:

SAN JUAN 29-6 UNIT #214
SAN JUAN 29-6 UNIT #219

FEE 29N 6W 40.00 TRACT: 023 1.137161

SEC. 30 SE/SE

ORRI: 12.500000 12.500000
ROYALTY: 87.500000 87.500000
WORKING INTEREST: 100.000000 100.000000
WILLIAMS PRODUCTION COMPANY

TOTAL 100.000000 100.000000

EFFECTIVE 90/04/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
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REMARKS: SAN JUAN 29-6 UNIT #213

FEE	29N	6W	80.00	TRACT:	025	2.274323
	SEC.	4	SW/NW, NW/SW			
			ORRI:		5.000000	5.000000
			ROYALTY:		12.500000	12.500000
			WORKING INTEREST:		82.500000	82.500000
			NATIONAL COOPERATIVE		100.000000	100.000000
			TOTAL			

REMARKS: SAN JUAN 29-6 UNIT #216

FEE		TRACT : 026		7.575488
29N 6W	-----			
SEC. 4	13.53 A. IN	ORRI:		
NE/4 OF TR#41 SW/SE		ROYALTY:	12.500000	12.500000
SEC. 4	LOTS 6,7, 11,	WORKING INTEREST:	71.750000	71.750000
12. S/2 SW PLUS		PHILLIPS PETROLEUM COMPANY	15.750000	15.750000
SEC. 4	51.7 A. BEING	WILLIAMS PRODUCTION COMPANY		
PART OF TR#41IN W/2				
		TOTAL	100.000000	100.000000

REMARKS:
SAN JUAN 29-6 UNIT #206
SAN JUAN 29-6 UNIT #216

EFFECTIVE 90/04/01

RUN DATE 12/13/91
RUN TIME 10:36:35

PHILLIPS PETROLEUM COMPANY
SCHEDULE IV
RECAPITULATION

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:
PAGE 1
FED535AP-A

TOWNSHIP 29N	RANGE 6W	
SECTION 10	: PART OF TR#42 IN NE/4-84.13 ACRES	
SECTION 10	: LOTS 1-4, SE/4	
SECTION 17	: SW/4, S/2 NW, NW/NW	
SECTION 17	: W/2 SE, SE/SE	
SECTION 17	: NE/SE, NE/NW	
SECTION 17	: NE/4	
SECTION 2	: LOTS 7&8, S/2NW, W/2SW	
SECTION 2	: E/2 SW/4	
SECTION 3	: 13.58 A. OF TR#40 IN THE NW/4	
SECTION 3	: LOTS 5-12, & 67.53 A. OF TR#38	
SECTION 3	: IN THE NW/4 OF SEC. 3	
SECTION 3	: LOTS 13-16, SW/4	
SECTION 3	: PART OF TR#42 IN THE SE/4 OF SEC3	
SECTION 30	: SE/SE	
SECTION 30	: W/2, NE/4, W/2SE, NE/SE	
SECTION 4	: LOT 5, 8, 9, 10, E/2SE, NW/SE	
SECTION 4	: PART OF TR#40 IN NE/4	
SECTION 4	: 16.91 A. IN TR#40 IN THE NW/4	
SECTION 4	: SW/NW, NW/SW	
SECTION 4	: 13.53 A. IN NE/4 OF TR#41 SW/SE	
SECTION 4	: LOTS 6, 7, 11, 12, S/2 SW PLUS	
SECTION 4	: 51.7 A. BEING PART OF TR#41 IN W/2	
SECTION 6	: LOTS 8 & 9, S/2 NE, SE/4	
TOTAL COMMITTED:	3,517.53	

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA:

3,517.53

TOTAL ACRES NON-COMMITTED:

0.00

RUN DATE 12/13/91
RUN TIME 10:36:41

PHILLIPS PETROLEUM COMPANY
SCHEDULE V
THE 004 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 29-6 UNIT ARLA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078278	29N 6W	668.61		TRACT: 002			17.821568
SEC. 3	LOTS 13-16, SW/4		ORRI: ROYALTY: WORKING INTEREST: PHILLIPS PETROLEUM COMPANY WILLIAMS PRODUCTION COMPANY		4.000000 12.500000 68.470000 15.030000	4.000000 12.500000 68.470000 15.030000	
SEC. 4	LOTS 5,8,9,10, E/2 SE, NW/SE						
SEC. 10	LOTS 1-4, SE/4						
TOTAL					100.000000	100.000000	
REMARKS: SAN JUAN 29-6 UNIT #214 SAN JUAN 29-6 UNIT #216 SAN JUAN 29-6 UNIT #215 SAN JUAN 29-6 UNIT #206 SAN JUAN 29-6 UNIT #219							
SF-078426	29N 6W	880.00		TRACT: 005			23.456096
SEC. 17	SW/4, S/2 NW, NW/NW		ORRI: ROYALTY: WORKING INTEREST: MERIDIAN OIL PRODUCTION ARCO		4.000000 12.500000 62.625000 20.875000	4.000000 12.500000 62.625000 20.875000	
SEC. 30	W/2, NE/4, W/2SE, NE/SE						
TOTAL					100.000000	100.000000	
REMARKS: SAN JUAN 29-6 UNIT #208 SAN JUAN 29-6 UNIT #212 SAN JUAN 29-6 UNIT #213							
SF-078426-A	29N 6W	120.00		TRACT: 005A			3.198558
SEC. 17	W/2 SE, SE/SE		ORRI: ROYALTY: WORKING INTEREST: ARCO		4.000000 12.500000 83.500000	4.000000 12.500000 83.500000	
TOTAL					100.000000	100.000000	

REMARKS:
SAN JUAN 29-6 UNIT #209

EFFECTIVE 90/05/01

RUN DATE 12/13/91
RUN TIME 10.36:41

PHILLIPS PETROLEUM COMPANY
SCHEDULE V
THE 004 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 29-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
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SF-078960	29N 6W	80.00		TRACT: 006	4.000000	4.000000	2.132373
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SEC. 17 NE/SE, NE/NW

ORRI:
ROYALTY:
WORKING INTEREST:
PHILLIPS PETROLEUM COMPANY
WILLIAMS PRODUCTION COMPANY
TOTAL

4.000000	4.000000
12.500000	12.500000
68.470000	68.470000
15.030000	15.030000
100.000000	100.000000

REMARKS:
SAN JUAN 29 6 UNIT #209
SAN JUAN 29-6 UNIT #208

SF-080379-A	29N 6W	160.00		TRACT: 011	5.000000	5.000000	4.264744
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SEC. 17 NE/4

ORRI:
ROYALTY:
WORKING INTEREST:
PHILLIPS PETROLEUM COMPANY
WILLIAMS PRODUCTION COMPANY
TOTAL

5.000000	5.000000
12.500000	12.500000
67.650000	67.650000
14.850000	14.850000
100.000000	100.000000

REMARKS:
SAN JUAN 29-6 UNIT #209

SF-080379-A	29N 6W	318.95		TRACT: 011A	5.000000	5.000000	8.501502
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SEC. 6 LOTS 8 & 9,
S/2 NE, SE/4

ORRI:
ROYALTY:
WORKING INTEREST:
EL PASO PRODUCTION CO
BOLACK MINERALS COMPANY
TOTAL

5.000000	5.000000
12.500000	12.500000
41.250000	41.250000
41.250000	41.250000
100.000000	100.000000

REMARKS:
SAN JUAN 29-6 UNIT #201

EFFECTIVE 90/05/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-289-45	29N 6W	313.29		TRACT: 017C			8.350637
	SEC. 2		ORRI:		5.000000	5.000000	
	S/2NW, W/2SW		ROYALTY:		12.500000	12.500000	
	SEC. 36		WORKING INTEREST:		67.650000	67.650000	
	LOTS 1-4		PHILLIPS PETROLEUM COMPANY		14.850000	14.850000	
			WILLIAMS PRODUCTION COMPANY				
			TOTAL		100.000000	100.000000	

REMARKS:

SAN JUAN 29-6 UNIT #207

SAN JUAN 29-6 UNIT #231

E-289-43	29N 6W	240.00		TRACT: 017D			6.397117
	SEC. 2		ORRI:		5.000000	5.000000	
	SEC. 36		ROYALTY:		12.500000	12.500000	
	W/2 E/2		WORKING INTEREST:		67.650000	67.650000	
			PHILLIPS PETROLEUM COMPANY		14.850000	14.850000	
			WILLIAMS PRODUCTION COMPANY				
			TOTAL		100.000000	100.000000	

REMARKS:

SAN JUAN 29-6 UNIT #207

SAN JUAN 29-6 UNIT #231

EFFECTIVE 90/05/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
FEE	29N 6W	437.78		TRACT: 019			11.668874
	SEC. 4 16.91 A. IN TR#40 IN THE NW/4		ORRI:		4.000000	4.000000	
	SEC. 3 13.58 A. OF TR#40 IN THENW/4		ROYALTY:		12.500000	12.500000	
	SEC. 3 LOTS 5-12, & 67.53 A. OF TR#38		WORKING INTEREST:		68.470000	68.470000	
	SEC. 3 IN THE NW/4		PHILLIPS PETROLEUM COMPANY		15.030000	15.030000	
	OF SEC. 3		WILLIAMS PRODUCTION COMPANY				
	SEC. 4 PART OF TR#40 IN NE/4						
	TOTAL				100.000000	100.000000	

REMARKS:

SAN JUAN 29-6 UNIT #214

SAN JUAN 29-6 UNIT #216

SAN JUAN 29-6 UNIT #215

SAN JUAN 29-6 UNIT #206

FEE	29N 6W	146.59		TRACT: 020			3.907306
	SEC. 3 PART OF TR#42 IN THE SE/4 OF SEC3		ORRI:		4.000000	4.000000	
	SEC. 10 PART OF TR#42 IN NE/4-84.13 ACRES		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		68.470000	68.470000	
			PHILLIPS PETROLEUM COMPANY		15.030000	15.030000	
			WILLIAMS PRODUCTION COMPANY				
	TOTAL				100.000000	100.000000	

REMARKS:

SAN JUAN 29-6 UNIT #214

SAN JUAN 29-6 UNIT #219

FEE	29N 6W	40.00		TRACT: 023			1.066186
	SEC. 30 SE/SE		ORRI:		12.500000	12.500000	
			ROYALTY:		87.500000	87.500000	
			WORKING INTEREST:				
			WILLIAMS PRODUCTION COMPANY				
	TOTAL				100.000000	100.000000	

EFFECTIVE 90/05/01

RUN DATE 12/13/91
RUN TIME 10:36:41

PHILLIPS PETROLEUM COMPANY
SCHEDULE V
THE 004 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 29-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
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REMARKS: SAN JUAN 29-6 UNIT #213

FEE	29N 6W	80.00	TRACT: 025			2.132373
	SEC. 4 SW/NW, NW/SW		ORRI:	5.000000	5.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:	82.500000	82.500000	
			NATIONAL COOPERATIVE	100.000000	100.000000	
			TOTAL			

REMARKS: SAN JUAN 29-6 UNIT #216

FEE	29N 6W	266.47	TRACT: 026			7.102666
	SEC. 4 13.53 A. IN		ORRI:	12.500000	12.500000	
	NE/4 OF TR#41 SW/SE		ROYALTY:	71.750000	71.750000	
	SEC. 4 LOTS 6,7,11,		WORKING INTEREST:	15.750000	15.750000	
	12. S/2 SW PLUS		PHILLIPS PETROLEUM COMPANY			
	SEC. 4 51.7 A. BEING		WILLIAMS PRODUCTION COMPANY			
	PART OF TR#41 IN W/2					
			TOTAL	100.000000	100.000000	

REMARKS: SAN JUAN 29-6 UNIT #206
SAN JUAN 29-6 UNIT #216

EFFECTIVE 90/05/01

RUN DATE 12/13/91
RUN TIME 10:36:44

PHILLIPS PETROLEUM COMPANY
SCHEDULE V
R F C A P I T U L A T I O N

PAGE 1
FED535AP-A
DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 29N , RANGE 6W
SECTION 10 : PART OF TR#42 IN NE/4-84. 13 ACRES
SECTION 10 : LOTS 1-4, SE/4
SECTION 17 : SW/4, S/2 NW, NW/NW
SECTION 17 : W/2 SE, SE/SE
SECTION 17 : NE/SE, NE/NW
SECTION 17 : NE/4
SECTION 2 : E/2 SW/4
SECTION 2 : LOTS 7&8, S/2NW, W/2SW
SECTION 3 : 13.58 A. OF TR#40 IN THENW/4
SECTION 3 : LOTS 5-12, & 67.53 A. OF TR#38
SECTION 3 : LOTS 13-16, SW/4
SECTION 3 : PART OF TR#42 IN THE SE/4 OF SEC3
SECTION 3 : IN THE NW/4 OF SEC. 3
SECTION 30 : SE/SE
SECTION 30 : W/2, NE/4, W/2SE, NE/SE
SECTION 36 : W/2, E/2
SECTION 36 : LOTS 1-4
SECTION 4 : 16.91 A. IN TR#40 IN THE NW/4
SECTION 4 : LOTS 5,8,9,10, E/2 SE, NW/SE
SECTION 4 : SW/NW, NW/SW
SECTION 4 : 13.53 A. IN NE/4 OF TR#41 SW/SE
SECTION 4 : LOTS 6,7,11, 12, S/2 SW PLUS
SECTION 4 : 51.7 A. BEING PART OF TR#41 IN W/2
SECTION 4 : PART OF TR#40 IN NE/4
SECTION 6 : LOTS 8 & 9, S/2 NE, SE/4
TOTAL COMMITTED: 3,751.69

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA:

3,751.69

TOTAL ACRES NON-COMMITTED:

0.00

PAGE 1
FED530AP-A

TRACT :	002	
ORRI :	4. 000000	4. 0000000
ROYALTY :	12. 500000	12. 5000000
WORKING INTEREST :		
PHILLIPS PETROLEUM COMPANY	68. 470000	68. 4700000
WILLIAMS PRODUCTION COMPANY	15. 030000	15. 0300000
TOTAL	100. 000000	100. 0000000

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078426	29N 6W	880.00		TRACT: 005			20.037845
	SEC. 17 SW/4, S/2 NW, NW/NW				4.000000	4.000000	
	SEC. 30 W/2, NE/4, W/2SE, NE/SE				12.500000	12.500000	
					62.625000	62.625000	
					20.875000	20.875000	
	TOTAL				100.000000	100.000000	

REMARKS:
 SAN JUAN 29-6 UNIT #208
 SAN JUAN 29-6 UNIT #212
 SAN JUAN 29-6 UNIT #213

SF-078426-A	29N 6W	120.00		TRACT: 005A			2.732433
	SEC. 17 W/2 SE, SE/SE				4.000000	4.000000	
					12.500000	12.500000	
					83.500000	83.500000	
	TOTAL				100.000000	100.000000	

REMARKS:
 SAN JUAN 29-6 UNIT #209

SF-078960	29N 6W	80.00		TRACT: 006			1.821622
	SEC. 17 NE/SE, NE/NW				4.000000	4.000000	
					12.500000	12.500000	
					68.470000	68.470000	
					15.030000	15.030000	
	TOTAL				100.000000	100.000000	

REMARKS:
 SAN JUAN 29-6 UNIT #209
 SAN JUAN 29-6 UNIT #208

EFFECTIVE 90/06/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-080379-A	29N 6W	160.00		TRACT: 011	5.000000	5.000000	3.643245
	SEC. 17 NE/4				12.500000	12.500000	
			ORRI:				
			ROYALTY:				
			WORKING INTEREST:				
			PHILLIPS PETROLEUM COMPANY		67.650000	67.650000	
			WILLIAMS PRODUCTION COMPANY		14.850000	14.850000	
			TOTAL		100.000000	100.000000	

REMARKS: SAN JUAN 29-6 UNIT #209

SF-080379-A	29N 6W	318.95		TRACT: 011A	5.000000	5.000000	7.262580
	SEC. 6				12.500000	12.500000	
			ORRI:				
			ROYALTY:				
			WORKING INTEREST:				
			EL PASO PRODUCTION CO		41.250000	41.250000	
			BOLACK MINERALS COMPANY		41.250000	41.250000	
			TOTAL		100.000000	100.000000	

REMARKS: SAN JUAN 29-6 UNIT #201

E-289-45	29N 6W	313.29		TRACT: 017C	5.000000	5.000000	7.133700
	SEC. 2				12.500000	12.500000	
			ORRI:				
			ROYALTY:				
			WORKING INTEREST:				
			PHILLIPS PETROLEUM COMPANY		67.650000	67.650000	
			WILLIAMS PRODUCTION COMPANY		14.850000	14.850000	
			TOTAL		100.000000	100.000000	

REMARKS: SAN JUAN 29-6 UNIT #207
SAN JUAN 29-6 UNIT #231

EFFECTIVE 90/06/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-289-43							
29N 6W		240.00		TRACT: 017D			5.464866
SEC. 2	E/2 SW/4		ORRI:		5.000000	5.000000	
SEC. 36	W/2 E/2		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		67.650000	67.650000	
			PHILLIPS PETROLEUM COMPANY		14.850000	14.850000	
			WILLIAMS PRODUCTION COMPANY				
			TOTAL		100.000000	100.000000	

REMARKS:
 SAN JUAN 29-6 UNIT #207
 SAN JUAN 29-6 UNIT #231

29N 6W		437.78		TRACT: 019			9.968373
SEC. 4	16.91 A. IN TR#40 IN THE NW/4		ORRI:		4.000000	4.000000	
SEC. 3	13.58 A. OF TR#40 IN THENW/4		ROYALTY:		12.500000	12.500000	
SEC. 3	LOTS 5-12, & 67.53 A. OF TR#38		WORKING INTEREST:		68.470000	68.470000	
SEC. 3	IN THE NW/4 OF SEC. 3		PHILLIPS PETROLEUM COMPANY		15.030000	15.030000	
SEC. 4	PART OF TR#40 IN NE/4		WILLIAMS PRODUCTION COMPANY				
			TOTAL		100.000000	100.000000	

REMARKS:
 SAN JUAN 29-6 UNIT #214
 SAN JUAN 29-6 UNIT #216
 SAN JUAN 29-6 UNIT #215
 SAN JUAN 29-6 UNIT #206

EFFECTIVE 90/06/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
FEE	29N 6W	156.25		TRACT: 020			3.557855
	SEC. 3 PART OF TR#42 IN THE SE/4 OF SEC3		ROYALTY:		4.000000	4.000000	
	SEC. 10 PART OF TR#42 IN NE/4-84.13 ACRES		WORKING INTEREST:		12.500000	12.500000	
	SEC. 11 9.66 ACS. PART OF TR#42 IN NW/4		PHILLIPS PETROLEUM COMPANY		68.470000	68.470000	
			WILLIAMS PRODUCTION COMPANY		15.030000	15.030000	
	TOTAL				100.000000	100.000000	

REMARKS:

SAN JUAN 29-6 UNIT #214

SAN JUAN 29-6 UNIT #219

SAN JUAN 29-6 UNIT #221

FEE	29N 6W	40.00		TRACT: 023			0.910811
	SEC. 30 SE/SE		ORRI:		12.500000	12.500000	
			ROYALTY:		87.500000	87.500000	
			WORKING INTEREST:		100.000000	100.000000	
			WILLIAMS PRODUCTION COMPANY				
	TOTAL				100.000000	100.000000	

REMARKS:

SAN JUAN 29-6 UNIT #213

FEE	29N 6W	80.00		TRACT: 025			1.821623
	SEC. 4 SW/NW, NW/SW		ORRI:		5.000000	5.000000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		82.500000	82.500000	
			NATIONAL COOPERATIVE		100.000000	100.000000	
	TOTAL				100.000000	100.000000	

REMARKS:

SAN JUAN 29-6 UNIT #216

EFFECTIVE 90/06/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
29N	6W	266.47		TRACT: 026			6.067596
SEC. 4	13.53 A. IN		ORRI:		12.500000	12.500000	
NE/4 OF TR#41	SW/SE		ROYALTY:				
SEC. 4	LOTS 6,7,11,		WORKING INTEREST:		71.750000	71.750000	
12, S/2	SW PLUS		PHILLIPS PETROLEUM COMPANY		15.750000	15.750000	
SEC. 4	51.7 A. BEING		WILLIAMS PRODUCTION COMPANY				
PART OF TR#41	IN W/2						
TOTAL					100.000000	100.000000	

REMARKS:

SAN JUAN 29-6 UNIT #206

SAN JUAN 29-6 UNIT #216

EFFECTIVE 90/06/01

'DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 29N	RANGE 6W	
SECTION 10	: PART OF TR#42 IN NE/4-84.13 ACRES	
SECTION 10	: LOTS 1-4, SE/4	E/2NW, SW/NW
SECTION 11	: LOT 1, SW/4.	
SECTION 11	: 9.66 ACS. PART OF TR#42 IN NW/4	
SECTION 13	: W/2	
SECTION 17	: SW/4, S/2 NW,	NW/NW
SECTION 17	: W/2 SE, SE/SE	
SECTION 17	: NE/SE, NE/NW	
SECTION 17	: NE/4	
SECTION 2	: LOTS 7&8.	S/2NW, W/2SW
SECTION 2	: E/2 SW/4	
SECTION 3	: PART OF TR#42 IN THE SE/4 OF SEC3	
SECTION 3	: 13.58 A. OF TR#40 IN THENW/4	
SECTION 3	: LOTS 5-12, & 67.53 A. OF TR#38	
SECTION 3	: IN THE NW/4	OF SEC. 3
SECTION 3	: LOTS 13-16,	SW/4
SECTION 30	: W/2, NE/4,	W/2SE, NE/SE
SECTION 30	: SE/SE	
SECTION 36	: LOTS 1-4	
SECTION 36	: W/2 E/2	
SECTION 4	: 16.91 A. IN TR#40 IN THE NW/4	
SECTION 4	: PART OF TR#40 IN NE/4	
SECTION 4	: LOTS 5, 8, 9, 10, E/2SE, NW/SE	
SECTION 4	: SW/NW, NW/SW	
SECTION 4	: 13.53 A. IN NE/4 OF TR#41 SW/SE	
SECTION 4	: LOTS 6, 7, 11, 12, S/2 SW PLUS	
SECTION 4	: 51.7 A. BEING PART OF TR#41 IN W/2	
SECTION 6	: LOTS 8 & 9,	S/2 NE, SE/4
TOTAL COMMITTED:		4,391.69

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA:

4,391.69

TOTAL ACRES NON-COMMITTED:

0.00

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
NM-012698							
29N	6W	950.34		TRACT: 001			15.868382
			O&RI:		4.000000	4.000000	
	SEC. 11 LOT 1, SW/4, E/2, E/2NW, SW/NW		ROYALTY:		12.500000	12.500000	
	SEC. 12 LOT 2, W/2 NW,		WORKING INTEREST:				
	SE/4, SW/4, PLUS		PHILLIPS PETROLEUM COMPANY		68.470000	68.470000	
	SEC. 12 24.53 AC. NW/4		WILLIAMS PRODUCTION COMPANY		15.030000	15.030000	
	BEING PART OF TR#37						

REMARKS :

SAN JUAN	29-6	UNIT	#2221
SAN JUAN	29-6	UNIT	#2200
SAN JUAN	29-6	UNIT	#2230

TOTAL

100.000000	100.000000
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SF-078278	29N	6W	988.61	TRACT :	002	16.507400
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SEC. 3	LOTS 13-16, SW/4	ORRI: ROYALTY: WORKING INTEREST:	4.000000 4.000000 12.500000
SEC. 4	LOTS 5, 8, 9, 10, E/2SE, NW/SE	PHILLIPS PETROLEUM COMPANY	68.470000
SEC. 10	LOTS 1-4, SE/4	WILLIAMS PRODUCTION COMPANY	15.030000
SEC. 13	W/2		

REMARKS:

SAN JUAN	29-6	UNIT	#214
SAN JUAN	29-6	UNIT	#216
SAN JUAN	29-6	UNIT	#215
SAN JUAN	29-6	UNIT	#206
SAN JUAN	29-6	UNIT	#219
SAN JUAN	29-6	UNIT	#225

EFFECTIVE 90/07/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078426	29N 6W	880.00		TRACT: 005			14.693875
	SEC. 17 SW/4, S/2 NW, NW/NW				4.000000	4.000000	
	SEC. 30 W/2, NE/4, W/2SE, NE/SE				12.500000	12.500000	
					62.625000	62.625000	
					20.875000	20.875000	
	TOTAL				100.000000	100.000000	

REMARKS:

SAN JUAN 29-6 UNIT #208
 SAN JUAN 29-6 UNIT #212
 SAN JUAN 29-6 UNIT #213

SF-078426-A	29N 6W	120.00		TRACT: 005A			2.003710
	SEC. 17 W/2 SE, SE/SE				4.000000	4.000000	
					12.500000	12.500000	
					83.500000	83.500000	
	TOTAL				100.000000	100.000000	

REMARKS:

SAN JUAN 29-6 UNIT #209

SF-078960	29N 6W	80.00		TRACT: 006			1.335807
	SEC. 17 NE/SE, NE/NW				4.000000	4.000000	
					12.500000	12.500000	
					68.470000	68.470000	
					15.030000	15.030000	
	TOTAL				100.000000	100.000000	

REMARKS:

SAN JUAN 29-6 UNIT #209
 SAN JUAN 29-6 UNIT #208

EFFECTIVE 90/07/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-080377	29N 6W	238.60		TRACT: 010			3.984044
	SEC. 5 LOTS 5,6, SW/NE, W/2SE, SE/SE		ORRI: ROYALTY: WORKING INTEREST: PHILLIPS PETROLEUM COMPANY WILLIAMS PRODUCTION COMPANY		5.000000 12.500000 67.650000 14.850000	5.000000 12.500000 67.650000 14.850000	
	TOTAL				100.000000	100.000000	

REMARKS:

SAN JUAN 29-6 UNIT #217

[illegible]

REMARKS:

SAN JUAN	29-6	UNIT	#209
SAN JUAN	29-6	UNIT	#218
SAN JUAN	29-6	UNIT	#246

SF-080379-A	29N	6W	318.95	TRACT:	011A	5.325695
	SEC. 6	LOTS 8 & 9.				
		S/2 NE, SE/4				
			ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
			EL PASO PRODUCTION CO			
			BOLACK MINERALS COMPANY			
			TOTAL			
			5.000000		5.000000	
			12.500000		12.500000	
			41.250000		41.250000	
			41.250000		41.250000	
			100.000000		100.000000	

REMARKS:

SAN JUAN 29-6 UNIT #201

EFFECTIVE 90/07/01

RUN DATE 12/13/91
RUN TIME 10:37:17

PHILLIPS PETROLEUM COMPANY
SCHEDULE VII
THE OOG EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
SAN JUAN 29-6 UNIT AREA

PAGE 4
FED530AP--A

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-289-45	29N 6W	313.29		TRACT: 017C			5.231186
	SEC. 2		ORRI:		5.000000	5.000000	
	S/2NW, W/2SW		ROYALTY:		12.500000	12.500000	
	SEC. 36		WORKING INTEREST:		67.650000	67.650000	
	LOTS 1-4		PHILLIPS PETROLEUM COMPANY		14.850000	14.850000	
			WILLIAMS PRODUCTION COMPANY				
	TOTAL				100.000000	100.000000	

REMARKS:

SAN JUAN 29-6 UNIT #207
SAN JUAN 29-6 UNIT #231

E-289-43	29N	6W	240.00	TRACT:	017D	4.007421
	SEC.	2	E/2 SW/4	ORRI:		
	SEC.	36	W/2 E/2	ROYALTY:		
				WORKING INTEREST:		
				PHILLIPS PETROLEUM COMPANY		
				WILLIAMS PRODUCTION COMPANY		
				TOTAL		
					5.000000	5.000000
					12.500000	12.500000
					67.650000	67.650000
					14.850000	14.850000
					100.000000	100.000000

REMARKS:

SAN JUAN 29-6 UNIT #207
SAN JUAN 29-6 UNIT #231

EFFECTIVE 90/07/01

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RUN DATE 12/13/91
RUN TIME 10.37:18

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PHILLIPS PETROLEUM COMPANY
SCHEDULE VII
THE OOG EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
AND UNDERLYING UNIT AREA

PAGE 5

DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
29N 6W	437.78		TRACT: 019			7.309868
SEC. 4	16.91 A. IN	ORRI:		4.000000	4.000000	
TR#40	IN THE NW/4	ROYALTY:		12.500000	12.500000	
SEC. 3	13.58 A. OF	WORKING INTEREST:				
TR#40	IN THE NW/4	PHILLIPS PETROLEUM COMPANY		68.470000	68.470000	
SEC. 3	LOTS 5-12, &	WILLIAMS PRODUCTION COMPANY		15.030000	15.030000	
67.53 A.	OF TR#38					
SEC. 3	IN THE NW/4					
OF SEC. 3						
SEC. 4	PART OF TR#40					
IN THE NE/4						

TOTAL

100.000000

100.000000

REMARKS:

SAN	JUAN	29-6	UNIT	#214
SAN	JUAN	29-6	UNIT	#216
SAN	JUAN	29-6	UNIT	#215
SAN	JUAN	29-6	UNIT	#206

29N	6W	156.25	TRACT :	020	2.608998

SEC. 3	PART OF TR#42	ORRI :	4.000000	4.000000	-----
IN THE SE/4 OF SEC3		ROYALTY :	12.500000	12.500000	
SEC. 10	PART OF TR#42	WORKING INTEREST :	68.470000	68.470000	
IN NE/4-84.13 ACRES		PHILLIPS PETROLEUM COMPANY	15.030000	15.030000	
SEC. 11	9.66 ACS. PART	WILLIAMS PRODUCTION COMPANY			
OF TR#42 IN NW/4					

TOTAL			100.000000	100.000000	-----

TOTAL

100.000000

100.000000

REMARKS:

SAN	JUAN	29-6	UNIT #214
SAN	JUAN	29-6	UNIT #219
SAN	JUAN	29-6	UNIT #221

EFFECTIVE 30/07/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
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FEE	29N 6W	40.00		TRACT: 023			0.667903
	SEC. 30 SE/SE						
			ORRI:		12.500000	12.500000	
			ROYALTY:				
			WORKING INTEREST:		87.500000	87.500000	
			WILLIAMS PRODUCTION COMPANY				
			TOTAL		100.000000	100.000000	

REMARKS: SAN JUAN 29-6 UNIT #213

FEE	29N 6W	160.00		TRACT: 025			2.671614
	SEC. 4 SW/NW, NW/SW		ORRI:		5.000000	5.000000	
	SEC. 5 SE/NE, NE/SE		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		82.500000	82.500000	
			NATIONAL COOPERATIVE				
			TOTAL		100.000000	100.000000	

REMARKS: SAN JUAN 29-6 UNIT #216
SAN JUAN 29-6 UNIT #217

FEE	29N 6W	266.47		TRACT: 026			4.449406
	SEC. 4 13.53 A. IN		ORRI:		12.500000	12.500000	
	NE/4 OF TR#41 SW/SE		ROYALTY:		71.750000	71.750000	
	SEC. 4 LOTS 6,7,11,		WORKING INTEREST:		15.750000	15.750000	
	12, S/2 SW PLUS		PHILLIPS PETROLEUM COMPANY				
	SEC. 4 51.7 A. BEING		WILLIAMS PRODUCTION COMPANY				
	PART OF TR#41IN W/2		TOTAL		100.000000	100.000000	

REMARKS: SAN JUAN 29-6 UNIT #206
SAN JUAN 29-6 UNIT #216

EFFECTIVE 90/07/01

TOWNSHIP 29N	RANGE 6W	
SECTION 10	LOTS 1-4, SE/4	
SECTION 10	PART OF TR#42 IN NE/4-84.13 ACRES	
SECTION 11	9.66 ACS. PART OF TR#42 IN NW/4	
SECTION 11	LOT 1, SW/4, E/2, E/2NW, SW/NW	
SECTION 12	LOT 2, W/2 NW, SE/NW, SW/4, PLUS	
SECTION 12	24.53 AC NW/4 BEING PART OF TR#37	
SECTION 13	W/2	
SECTION 17	SW/4, S/2 NW, NW/NW	
SECTION 17	NE/4	
SECTION 17	W/2 SE, SE/SE	
SECTION 17	NE/SE, NE/NW	
SECTION 2	LOTS 7&8, S/2NW, W/2SW	
SECTION 2	E/2 SW/4	
SECTION 3	13.58 A. OF TR#40 IN THE NW/4	
SECTION 3	LOTS 5-12, & 67.53 A. OF TR#38	
SECTION 3	IN THE NW/4 OF SEC. 3	
SECTION 3	LOTS 13-16, SW/4	
SECTION 3	PART OF TR#42 IN THE SE/4 OF SEC3	
SECTION 30	SE/SE	
SECTION 30	W/2, NE/4, W/2SE, NE/SE	
SECTION 36	LOTS 1-4	
SECTION 36	W/2 E/2	
SECTION 4	16.91 A. IN TR#40 IN THE NW/4	
SECTION 4	PART OF TR#40 IN THE NE/4	
SECTION 4	LOTS 5, 8, 9, 10, E/2SE, NW/SE	
SECTION 4	51.7 A. BEING PART OF TR#41 IN W/2	
SECTION 4	SW/NW, NW/SW	
SECTION 4	13.53 A. IN NE/4 OF TR#41 SW/SE	
SECTION 4	LOTS 6, 7, 11, 12, S/2 SW PLUS	
SECTION 5	SE/NE, NE/SE	
SECTION 5	LOTS 7, 8, S/2 NW, SW/4	
SECTION 5	LOTS 5, 6, SW/NE, W/2SE, SE/SE	
SECTION 6	LOTS 8 & 9, S/2 NE, SE/4	
SECTION 8	W/2	
TOTAL COMMITTED:	5,988.89	

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA: 5,988.89

TOTAL ACRES NON-COMMITTED: 0.00