

EXHIBIT "D"
SAN JUAN 29-5 DAKOTA UNIT PRODUCTION
RIO ARriba COUNTY, NEW MEXICO
NCF @ 14.73 PSIA, 60° F

Prepared by
Approved by
Date

1 Non-commercial
2 Not yet connected
3 Plugged and abandoned

WELL NAME	LOCATION	TO	1-1-79	Jan. 1979	Feb. 1979	March 1979	April 1979	May 1979	June 1979	July 1979	August 1979	Sept. 1979	Oct. 1979	Nov. 1979	Dec. 1979	1979	CUM	INITIAL	ID DATE
SJ 29-5 Unit #62	M 7		434788	3630	2598	2442	2571	3236	2715	2805	2201	2074	2747	3618	3329	34816	469604	4083	2-1-74
1 SJ 29-5 Unit #71	M 16		30527	149	0	842	1191	2055	1413	1451	1491	1355	562	3270	1403	15182	45709	1129	6-21-77
SJ 29-5 Unit #63	M 17		473949	5940	1948	5827	4088	5496	5446	6165	5666	4912	6789	4966	6310	63553	537502	4109	2-1-74
SJ 29-5 Unit #68	A 18		142468	1116	1225	1068	1375	1592	1396	1220	1107	1552	1020	748	2033	15452	157920	2878	2-1-74
SJ 29-5 Unit #55	M 18		773944	9972	6336	4638	4444	5477	6575	7255	6470	7174	5896	4381	7629	76247	850191	3524	5-5-72
SJ 29-5 Unit #56	G 19		715927	7395	5000	7032	7276	6160	5191	7205	4999	7718	6219	4748	6328	75271	791198	3049	5-2-72
SJ 29-5 Unit #51	M 19		1053026	5971	4249	908	6252	8287	4686	4725	6187	6820	8727	6368	8093	71273	1124299	5674	3-30-70
SJ 29-5 Unit #67	A 20		303660	3822	3485	4901	4285	3834	3760	4265	4342	3452	4575	3554	4180	48455	352115	2844	10-17-73
SJ 29-5 Unit #57	M 20		764187	8589	6034	7988	8180	7395	5967	8088	7990	7710	7641	5796	7656	89034	853221	4546	5-2-72
SJ 29-5 Unit #69	I 21		198511	0	5923	12904	3029	10672	4480	4730	7713	4865	7097	6940	7435	75788	274299	4348	6-15-77
SJ 29-5 Unit #64	N 21		605032	5195	8241	9993	10161	7034	5239	8279	9559	5813	5411	4092	8691	87708	692740	3075	12-21-73
SJ 29-5 Unit #75	M 22		413353	4882	8286	26070	21269	21840	14795	17744	18092	18135	18782	20073	20498	210466	623819	4741	6-15-77
SJ 29-5 Unit #77	L 26		129955	0	8304	18734	13577	13863	10455	15861	14644	9892	0	11809	15135	132274	262229	4857	7-10-77
SJ 29-5 Unit #70	M 28		140537	0	3454	9319	7241	6767	6581	6625	6484	6010	5891	5084	5517	68973	209510	3226	6-10-77
SJ 29-5 Unit #65	M 28		443181	3983	3651	5447	5067	5032	4125	4330	5447	5413	5066	5855	4696	59012	502193	3219	10-30-73
SJ 29-5 Unit #52	G 29		845351	6285	6841	6784	4413	4203	4476	3426	2966	2678	2746	1491	4792	44433	1270948	5126	6-5-71
SJ 29-5 Unit #32	H 29		1226515	5229	3575	5230	4379	4476	3445	3426	2966	2678	2746	1491	4792	44433	1270948	5126	11-29-69
SJ 29-5 Unit #53	N 30		342533	3788	2512	3771	3419	2969	1934	1914	5560	3472	3689	2860	2532	38370	380903	2182	5-20-72
SJ 29-5 Unit #59	H 31		594926	5651	4209	6583	6727	6481	6956	6927	6894	6721	6472	6524	4840	70585	665511	3867	8-4-72
SJ 29-5 Unit #54	N 31		633204	5022	4938	7176	3657	5357	4191	6927	6894	6721	6472	6524	4840	70719	703923	3785	10-5-71
SJ 29-5 Unit #60	A 32		911573	7182	5713	6090	6881	7968	7375	7092	10284	8719	8125	5494	7950	88207	999780	4473	5-19-72
SJ 29-5 Unit #53	L 32		702951	3517	4017	6504	5164	4106	4394	7092	6016	4451	3642	3843	2216	54962	757913	2181	6-17-71
SJ 29-5 Unit #66	L 33		754415	9163	5213	9700	12619	12204	6642	11170	10615	7554	4434	3451	5640	98405	852820	4706	2-12-74
SJ 29-5 Unit #38	G 31		0	0	0	0	0	0	0	0	12938	17308	16132	14779	13520	74677	74677	3087	6-29-79
SJ 29-5 Unit #89	K 34		0	0	0	0	0	0	0	0	10259	18167	24734	21154	19817	111677	111677	3186	6-28-79
SJ 29-5 Unit #30	N 35		0	0	0	0	0	0	0	17546								4538	
SJ 29-5 Unit #91	C 35		0	0	0	0	0	0	0									5240	
SJ 29-5 Unit #13	30																		
SJ 29-5 Unit #22	08																		
SJ 29-5 Unit #45	22																		
SJ 29-5 Unit #50	07																		
SJ 29-5 Unit #92	0																		
	26		12634513	108481	105752	169951	140265	157404	119401	166523	178489	175870	167213	162945	179912	1839206	14473719		
1 Non-commercial																			
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NORTHWEST PIPELINE CORPORATION

UNIT AREA EXPANSION SCHEDULE

SCHEDULE XIII

**TWELFTH EXPANDED PARTICIPATING AREA FOR THE DAKOTA FORMATION
SAN JUAN 29-5 UNIT AREA**

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTI PARTICIPATI
<u>TRACT 1</u>							
SF 078277	T-29-N, R-5-W Sec. 18: SW/4, W/2NW/4, SE/4NW/4	280.00	Royalty; Working Interest: El Paso Natural Gas Co.;	12.50% 83.50% 4.00%	12.50% 83.50% 4.00%	3.240740%	
<u>TRACT 1-A</u>							
SF 078277	T-29-N, R-5-W Sec. 7: SE/4, Lot 3	198.96	Royalty; Working Interest: El Paso Natural Gas Co.;	12.50% 83.50% 4.00%	12.50% 83.50% 4.00%	2.302778%	
<u>TRACT 2</u>							
SF 078281	T-29-N, R-5-W Sec. 17: S/2 Sec. 18: E/2 Sec. 20: N/2	960.00	Royalty; Working Interest: Phillips Petroleum Co.;	12.50% 83.50% 4.00%	12.50% 83.50% 4.00%	11.111111%	
<u>TRACT 3</u>							
SF 078282	T-29-N, R-5-W Sec. 19: All Sec. 30: SE/4SE/4	680.00	Royalty; Working Interest: El Paso Natural Gas Co.;	12.50% 83.50% 4.00%	12.50% 83.50% 4.00%	7.870370%	
<u>TOTAL</u>							
100.00% 100.00% 100.00%							

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<u>TRACT 3-A</u>						
SF 078282	T-29-N, R-5-W Sec. 29: NE/4 Sec. 31: N/2NW/4, NE/4NE/4	280.00	Royalty; Working Interest: El Paso Natural Gas Co.; ORRI;	12.50% 83.00% 4.50% <u>100.00%</u>	12.50% 83.00% 4.50% <u>100.00%</u>	3.240740%
<u>TRACT 4-A</u>						
NM-011348	T-29-N, R-5-W Sec. 33: W/2NE/4	80.00	Royalty; Working Interest: Tom Bolack; ORRI;	12.50% 82.50% 5.00% <u>100.00%</u>	12.50% 82.50% 5.00% <u>100.00%</u>	.925926%
<u>TRACT 4-B</u>						
NM-011348	T-29-N, R-5-W Sec. 31: NE/4SW/4, N/2SE/4	120.00	Royalty; Working Interest: Tom Bolack; ORRI;	12.50% 87.50% 0.00% <u>100.00%</u>	12.50% 87.50% 0.00% <u>100.00%</u>	1.388889%
<u>TRACT 4-C</u>						
NM 011348-A	T-29-N, R-5-W Sec. 33: E/2NW/4	80.00	Royalty; Working Interest: American Pet. Co. of Texas ORRI;	12.50% 87.50% 0.00% <u>100.00%</u>	12.50% 87.50% 0.00% <u>100.00%</u>	.925926%

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TRACT 6-A							
SF 078410-A	T-29-N, R-5-W Sec. 31: SE/4 SW/4, S/2SE/4	120.00	Royalty; Working Interest: El Paso Natural Gas Co.;		12.50% 82.50% 5.00%	12.50% 82.50% 5.00%	1.388889%
TRACT 7							
SF 078412	T-29-N, R-5-W Sec. 34: SE/4SW/4, S/2SE/4, NE/4SE/4, SE/4NE/4	200.00	Royalty; Working Interest: El Paso Natural Gas Co.;		12.50% 82.50% 5.00%	12.50% 82.50% 5.00%	2.314815%
TRACT 12							
SF 078917	T-29-N, R-5-W Sec. 26: W/2 Sec. 35: W/2	640.00	Royalty; Working Interest: Phillips Petroleum Co.;		12.50% 82.50% 5.00%	12.50% 82.50% 5.00%	7.407407%
TRACT 15							
SF 079851	T-29-N, R-5-W Sec. 30: W/2, N/2SE/4	400.00	Royalty; Working Interest: El Paso Natural Gas Co.;		12.50% 83.00% 4.50%	12.50% 83.00% 4.50%	4.629630%
TOTAL							
					100.00%	100.00%	

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTU- PARTICIPATI
			OWNERSHIP	PERCENTAGE		
NM 011349	<u>T-29-N, R-5-W</u>	160.00	Royalty;	12.50%	12.50%	1.851852%
	<u>Sec. 27: SW/4</u>		Working Interest:	82.50%		
			Tom Bolack;	5.00%		
			ORRI;	100.00%		
			TOTAL	100.00%		
<u>TRACT 16-A</u>						
NM 011349-A	<u>T-29-N, R-5-W</u>	240.00	Royalty;	12.50%	12.50%	2.777778%
	<u>Sec. 27: S/2NW/4, NE/4</u>		Working Interest:	87.50%		
			American Petrofina Co. of Texas;	0.00%		
			ORRI;	100.00%		
			TOTAL	100.00%		
<u>TRACT 16-B</u>						
NM 011349-B	<u>T-29-N, R-5-W</u>	160.00	Royalty;	12.50%	12.50%	1.851852%
	<u>Sec. 27: SE/4</u>		Working Interest:	82.50%		
			El Paso Natural Gas Co.;	5.00%		
			ORRI;	100.00%		
			TOTAL	100.00%		
<u>TRACT 16-C</u>						
NM 011350	<u>T-29-N, R-5-W</u>	240.00	Royalty;	12.50%	12.50%	2.777778%
	<u>Sec. 33: E/2E/2, W/2SE/4</u>		Working Interest:	82.50%		
			Tom Bolack;	5.00%		
			ORRI;	100.00%		
			TOTAL	100.00%		
<u>TRACT 17-A</u>						
NM 011350	<u>T-29-N, R-5-W</u>	240.00	Royalty;	12.50%	12.50%	2.777778%
	<u>Sec. 33: E/2E/2, W/2SE/4</u>		Working Interest:	82.50%		
			Tom Bolack;	5.00%		
			ORRI;	100.00%		
			TOTAL	100.00%		

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SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
<u>TRACT 17-B</u>							
NM 011350-A	<u>T-29-N, R-5-W</u> Sec. 33: S/2SW/4 Sec. 34: N/2N/2, SW/4NW/4, W/2SW/4	360.00	Royalty; Working Interest: American Petrofina Co. of Texas; ORRI;		12.50%	12.50%	4.166667%
			TOTAL		<u>100.00%</u>	<u>100.00%</u>	
<u>TRACT 21</u>							
NM 03188	<u>T-29-N, R-5-W</u> Sec. 20: S/2	320.00	Royalty; Working Interest: El Paso Natural Gas Co.; ORRI;		12.50%	12.50%	3.703704%
			TOTAL		<u>100.00%</u>	<u>100.00%</u>	
<u>TRACT 21-A</u>							
NM 03188	<u>T-29-N, R-5-W</u> Sec. 29: SE/4	160.00	Royalty; Working Interest: El Paso Natural Gas Co.; ORRI;		12.50%	12.50%	1.851852%
			TOTAL		<u>100.00%</u>	<u>100.00%</u>	
<u>TRACT 21-B</u>							
NM 03188	<u>T-29-N, R-5-W</u> Sec. 28: N/2NW/4, SW/4NW/4, S/2SW/4	200.00	Royalty; Working Interest: Phillips Petroleum Co.; ORRI;		12.50%	12.50%	2.314815%
			TOTAL		<u>100.00%</u>	<u>100.00%</u>	

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			OWNERSHIP	PERCENTAGE		
NM 03188	<u>TRACT 21-C</u>					
	<u>T-29-N, R-5-W</u>	440.00	Royalty;	12.50%	12.50%	5.092593%
	<u>Sec. 21: W/2,</u>		Working Interest:			
	<u>W/2NE/4,</u>		Phillips Petroleum Co.;	82.50%	82.50%	
	<u>NW/4SE/4</u>		ORRI;	5.00%	5.00%	
			TOTAL	100.00%	100.00%	
	<u>TRACT 22</u>					
	<u>T-29-N, R-5-W</u>	80.00	Royalty;	12.50%	12.50%	.925926%
	<u>Sec. 32: W/2N_/4</u>		Working Interest:			
			The Wiser Oil Co.;	87.50%	87.50%	
E-289-35			ORRI;	0.00%	0.00%	
			TOTAL	100.00%	100.00%	
	<u>TRACT 22-A</u>					
	<u>T-29-N, R-5-W</u>	80.00	Royalty;	12.50%	12.50%	.925926%
	<u>Sec. 32: E/2SE/4</u>		Working Interest:			
			El Paso Natural Gas Co.;	82.50%	82.50%	
			ORRI;	5.00%	5.00%	
			TOTAL	100.00%	100.00%	
	<u>TRACT 22-C</u>					
	<u>T-29-N, R-5-W</u>	280.00	Royalty;	12.50%	12.50%	3.240740%
E-289-36	<u>Sec. 32: W/2SW/4,</u>		Working Interest:			
	<u>NE/4, SE/4NW/4</u>		El Paso Natural Gas Co.;	82.50%	82.50%	
			ORRI;	5.00%	5.00%	
			TOTAL	100.00%	100.00%	

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<u>TRACT 22-D</u>							
E-289-31	<u>T-29-N, R-5-W</u> Sec. 32: NE/4NW/4	40.00	Royalty; Working Interest; El Paso Natural Gas Co.; ORRI;		12.50% 82.50% 5.00% 100.00%	12.50% 82.50% 5.00% 100.00%	.462963%
<u>TRACT 24</u>							
Fee	<u>T-29-N, R-5-W</u> Sec. 18: NE/4NW/4	40.00	Royalty; Working Interest; El Paso Natural Gas Co.; ORRI;		12.50% 83.50% 4.00% 100.00%	12.50% 83.50% 4.00% 100.00%	.462963%
<u>TRACT 24-A</u>							
Fee	<u>T-29-N, R-5-W</u> Sec. 7: Tract #37 less north 10.46 ac.	121.04	Royalty; Working Interest; El Paso Natural Gas Co.; ORRI;		12.50% 83.50% 4.00% 100.00%	12.50% 83.50% 4.00% 100.00%	1.400926%
<u>TRACT 27</u>							
Fee	<u>T-29-N, R-5-W</u> Sec. 21: E/2NE/4 Sec. 22: W/2NW/4 (less one acre)	159.00	Royalty; Working Interest; Phillips Petroleum Co.; ORRI;		12.50% 83.50% 4.00% 100.00%	12.50% 83.50% 4.00% 100.00%	1.840278%

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			OWNERSHIP	PERCENTAGE		

TRACT 27-A

Fee	<u>T-29-N, R-5-W</u>	1.00	Royalty;	12.50%	12.50%	.011574%
	Sec. 22: One acre		Working Interest:			
	out of SW corner		Phillips Petroleum Co.;	87.50%	87.50%	
	of W/2NW/4		ORRI;	0.00%	0.00%	
			TOTAL	100.00%	100.00%	

TRACT 28

Fee	<u>T-29-N, R-5-W</u>	120.00	Working Interest:	11.25%	00.00%	0.000000%
	Sec. 21: SE/4SE/4		Larry Mizel;	11.25%	00.00%	
	Sec. 28: E/2NE/4		Steven Mayer Mizel;	11.25%	00.00%	
			Gary Dean Mizel;	11.25%	00.00%	
			Vicki Mizel;	10.00%	00.00%	
			Ann Fisher;	11.25%	00.00%	
			Barbara Y. Witten;	11.25%	00.00%	
			Robert C. Witten;	11.25%	00.00%	
			Robert C. Witten;	22.50%	00.00%	
			Trustee under that certain			
			Trust Agreement dated			
			April 1, 1975, between			
			Saul A. Yager, Grantor &			
			Robert C. Witten, Trustee			
			TOTAL	100.00%	100.00%	

TRACT 28

Fee	<u>T-29-N, R-5-W</u>	40.00	Working Interest:	100.00%	00.00%	0.000000%
	Sec. 21: NE/4SE/4		Sam Lack;			

Effective August 1, 1978

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<u>TRACT 29</u>							
Fee	T-29-N, R-5-W Sec. 28: N/2SW/4, SE/4NW/4, SE/4, SW/4NE/4	320.00	Royalty; Working Interest: Phillips Petroleum Co.;		12.50%	12.50%	3.703704%
			ORRI;		85.00%	2.50%	
				TOTAL	100.00%	100.00%	
<u>TRACT 30</u>							
Fee	T-29-N, R-5-W Sec. 30: SW/4SE/4 Sec. 31: SE/4NW/4, N/2SW/4NW/4, W/2NE/4, SE/4NE/4	220.00	Royalty; Working Interest: El Paso Natural Gas Co.;		12.50%	12.50%	2.546296
			ORRI;		83.50%	4.00%	
				TOTAL	100.00%	100.00%	
<u>TRACT 31</u>							
Fee	T-29-N, R-5-W Sec. 34: SE/4NW/4 SW/4NE/4, NW/4SE/4, NE/4SW/4, less 32 ac. in the SW corner	128.00	Royalty; Working Interest: Phillips Petroleum Co.;		12.50%	12.50%	1.481481%
			ORRI;		84.50%	3.00%	
				TOTAL	100.00%	100.00%	
<u>TRACT 32</u>							
Fee	T-29-N, R-5-W Sec. 34: 32 ac. out of SW corner of the NE/4SW/4	32.00	Royalty; Working Interest: Phillips Petroleum Co.;		12.50%	12.50%	.370370%
			ORRI;		84.50%	3.00%	
				TOTAL	100.00%	100.00%	

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			OWNERSHIP	PERCENTAGE		
<u>TRACT 33</u>						
Fee	<u>T-29-N, R-5-W</u> <u>Sec. 31: W/2SW/4,</u> <u>S/2SW/4NW/4</u>	100.00	Royalty; Working Interest: El Paso Natural Gas Co.; American Pet. Co. of Texas; ORRI;	12.50% 58.59% 21.88% <u>7.03%*</u>	12.50% 58.59% 21.88% <u>7.03%*</u>	1.157407%
	TOTAL			<u>100.00%</u>	<u>100.00%</u>	

*Borne by El Paso

<u>TRACT 34</u>						
Fee	<u>T-29-N, R-5-W</u> Sec. 32: E/2SW/4, W/2SE/4	160.00	Royalty; Working Interest: Amoco Production Company ORRI;	12.50% 87.50% 0.00% 100.00%	12.50% 87.50% 0.00% 100.00%	1.851852%
			TOTAL	100.00%	100.00%	

<u>TRACT 35</u>						
Fee	<u>T-29-N, R-5-W</u> Sec. 33: W/2NW/4, N/2SW/4	160.00	Royalty; Working Interest: T. H. McElvain Estate (1/4) Ruth M. Vaughan (1/6) Carl R. McElvain Estate (1/6) J. Wm. McElvain (1/6) Mabelle M. Miller (1/4) Individually and Independent Executrix of the Estate of Forrest B. Miller ORRI;	12.5000% 20.6250% 13.7500% 13.7500% 20.6250%	12.5000% 20.6250% 13.7500% 13.7500% 20.6250%	1.851852%
			TOTAL	100.0000%	100.0000%	

NORTHWEST PIPELINE CORPORATION

UNIT AREA EXPANSION SCHEDULE

SCHEDULE XIII

TWELFTH EXPANDED PARTICIPATING AREA FOR THE DAKOTA FORMATION
SAN JUAN 29-5 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUA PARTICIPATIO
<u>TRACT 37</u>							
Fee	<u>T-29-N, R-5-W</u>	80.00	Royalty;	12.50%	12.50%		.925926%
	Sec. 21: SW/4SE/4		Working Interest:				
	Sec. 28: NW/4NE/4		Phillips Petroleum Co.;	87.50%	87.50%		
			ORRI;	0.00%	0.00%		
			TOTAL	100.00%	100.00%		
<u>TRACT 38</u>							
Fee	<u>T-29-N, R-5-W</u>	318.00	Royalty;	12.50%	12.50%		3.680556%
	Sec. 22: SW/4 less		Working Interest:				
	two acres out of		Phillips Petroleum Co.;	87.50%	87.50%		
	NE/4SW/4, E/2NW/4		ORRI;	0.00%	0.00%		
	Sec. 27: N/2NW/4		TOTAL	100.00%	100.00%		
<u>TRACT 38-B</u>							
Fee	Beginning at NW	2.00	Royalty;	12.50%	12.50%		.023148%
	of N/2SE/4 of		Working Interest:				
	Sec. 22, T29N, R5W,		Phillips Petroleum Co.;	87.50%	87.50%		
	thence 420 feet		ORRI;	0.00%	0.00%		
	South, thence 210		TOTAL	100.00%	100.00%		
	feet West, thence 420						
	feet North, thence 210						
	feet East to place of						
	beginning						

NORTHWEST PIPELINE CORPORATION
UNIT AREA EXPANSION SCHEDULE

SCHEDULE XIII

TWELFTH EXPANDED PARTICIPATING AREA FOR THE DAKOTA FOUNDATION
 SAN JUAN 29-5 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PRESENT ACTU/ PARTICIPATIC
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RECAPITULATION

Description of Lands in Participating Area:

Township 29 North, Range 5 West, N.M.P.M.
 Section 7: SE/4, Lots 3, 4, Tract 37 less North 10.46 acres
 Section 17: S/2
 Section 22: W/2
 Section 26: W/2
 Section 29: E/2
 Section 30: W/2, SE/4
 Section 35: W/2
 Sections 18, 19, 20, 21, 27, 28, 31, 32, 33, 34: All

Total number of acres in Participating Area: 8,800.00 acres
 Total number of acres committed to Participating Area: 8,640.00 acres
 Total number of acres not committed to Participating Area: 160.00 acres

NORTHWEST PIPELINE CORPORATION

UNIT AREA EXPANSION SCHEDULE

SCHEDULE XIV

THIRTEENTH EXPANDED PARTICIPATING AREA FOR THE DAKOTA FORMATION
SAN JUAN 29-5 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION	
SF 078277	T. 29N, R. 5W	280.00	TRACT 1				
	Sec. 18; SW/4		Royalty;	12.50%	12.50%	3.125000%	
	W/2 NW/4, SE/4		Working Interest;				
	NW/4		El Paso Natural Gas Co.;	83.50%	83.50%		
			ORRI;	4.00%	4.00%		
			TOTAL	100.00%	100.00%		
	TRACT 1-A						
			Royalty;	12.50%	12.50%		2.220536%
			Working Interest;				
			El Paso Natural Gas Co.;	83.50%	83.50%		
SF 078277	T. 29N, R. 5W	198.96	TRACT 1-A				
	Sec. 7: SE/4, Lot 3		Working Interest;			2.220536%	
			El Paso Natural Gas Co.;	83.50%	83.50%		
			ORRI;	4.00%	4.00%		
			TOTAL	100.00%	100.00%		
	TRACT 2						
			Royalty;	12.50%	12.50%		10.714286%
			Working Interest;				
			Phillips Petroleum Co.;	83.50%	83.50%		
	SF 078281		T. 29N, R. 5W	960.00	TRACT 2		
Sec. 17: S/2		Royalty;	12.50%		12.50%		10.714286%
Sec. 18: E/2		Working Interest;					
Sec. 20: N/2		Phillips Petroleum Co.;	83.50%		83.50%		
		ORRI;	4.00%		4.00%		
		TOTAL	100.00%		100.00%		
TRACT 3							
		Royalty;	12.50%		12.50%	7.589286%	
		Working Interest;					
		El Paso Natural Gas Co.;	83.50%		83.50%		
SF 078282	T. 29N, R. 5W	680.00	TRACT 3				
	Sec. 19: All		Royalty;	12.50%	12.50%	7.589286%	
	Sec. 30: SE/4 SE/4		Working Interest;				
			El Paso Natural Gas Co.;	83.50%	83.50%		
			ORRI;	4.00%	4.00%		
			TOTAL	100.00%	100.00%		

NORTHWEST PIPELINE CORPORATION
UNIT AREA EXPANSION SCHEDULE

SCHEDULE XIV

THIRTEENTH EXPANDED PARTICIPATING AREA FOR THE DAKOTA FORMATION
SAN JUAN 29-5 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTU PARTICIPATI
SF 078282	<u>T. 29N, R. 5W</u>	280.00	<u>TRACT 3-A</u>				3.125000%
	Sec. 29: NE/4						
	Sec. 31: N/2 NW/4 & NE/4 NE/4						
	Royalty;				12.50%	12.50%	
	Working Interest: El Paso Natural Gas Co.; ORRI;				83.00% 4.50%	83.00% 4.50%	
	TOTAL				100.00%	100.00%	
NM 011398	<u>T. 29N, R. 5W</u>	80.00	<u>TRACT 4-A</u>				.892857%
	Sec. 33: W/2 NE/4						
	Royalty;				12.50%	12.50%	
	Working Interest: Tom Bolack ORRI;				82.50% 5.00%	82.50% 5.00%	
	TOTAL				100.00%	100.00%	
NM 011348	<u>T. 29N, R. 5W</u>	120.00	<u>TRACT 4-B</u>				1.339286%
	Sec. 31: NE/4 SW/4 & N/2 SE/4						
	Royalty;				12.50%	12.50%	
	Working Interest: Tom Bolack ORRI;				87.50% 0.00%	87.50% 0.00%	
	TOTAL				100.00%	100.00%	
NM 011348-A	<u>R. 29N, R. 5W</u>	80.00	<u>TRACT 4-C</u>				.892857%
	Sec. 33: E/2 NW/4						
	Royalty;				12.50%	12.50%	
	Working Interest: American Pet. Co. of Tex.; ORRI;				87.50% 0.00%	87.50% 0.00%	
	TOTAL				100.00%	100.00%	

NORTHWEST PIPELINE CORPORATION

UNIT AREA EXPANSION SCHEDULE

SCHEDULE XIV

THIRTEENTH EXPANDED PARTICIPATING AREA FOR THE DAKOTA FORMATION
SAN JUAN 29-5 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTU PARTICIPATI
<u>TRACT 6-A</u>							
SF 078410-A	T. 29N, R. 5W Sec. 31: SE/4 SW/4 & S/2 SE/4	120.00	Royalty; Working Interest: El Paso Natural Gas Co.; ORRI; TOTAL		12.50% 82.50% 5.00% 100.00%	12.50% 82.50% 5.00% 100.00%	1.339286%
<u>TRACT 7</u>							
SF 078412	T. 29N, R. 5W Sec. 34: SE/4 SW/4, S/2 SE/4, NE/4 SE/4, SE/4 NE/4	200.00	Royalty; Working Interest: EPNG ORRI; TOTAL		12.50% 82.50% 5.00% 100.00%	12.50% 82.50% 5.00% 100.00%	2.232143%
<u>TRACT 12</u>							
SF 078917	T. 29N, R. 5W Sec. 26: W/2 Sec. 35: All	960.00	Royalty; Working Interest: Phillips Petroleum Co.; ORRI; TOTAL		12.50% 82.50% 5.00% 100.00%	12.50% 82.50% 5.00% 100.00%	10.714286%
<u>TRACT 15</u>							
SF 079851	T. 29N, R. 5W Sec. 30: W/2 & N/2 SE/4	400.00	Royalty; Working Interest: El Paso Natural Gas Co.; ORRI; TOTAL		12.50% 83.00% 4.50% 100.00%	12.50% 83.00% 4.50% 100.00%	4.464286%

Effective September 1, 1978

NORTHWEST PIPELINE CORPORATION
UNIT AREA EXPANSION SCHEDULE

SCHEDULE XIV

THIRTEENTH EXPANDED PARTICIPATING AREA FOR THE DAKOTA FORMATION
SAN JUAN 29-5 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK		PRESENT ACTU PARTICIPATI
				PERCENTAGE	PERCENTAGE COMMITTED	
NM 011349	<u>T. 29N, R. 5W</u>	160.00	<u>TRACT 16-A</u>			
	Sec. 27: SW/4		Royalty;	12.50%	12.50%	1.785714%
			Working Interest:			
			Tom Bolack;	82.50%	82.50%	
			ORRI;	<u>5.00%</u>	<u>5.00%</u>	
			TOTAL	<u>100.00%</u>	<u>100.00%</u>	
	<u>TRACT 16-B</u>					
	<u>T. 29N, R. 5W</u>		Royalty;	12.50%	12.50%	2.678571%
	Sec. 27: S/2 NW/4		Working Interest:			
	& NE/4		American Petrofina	87.50%	87.50%	
	Company of Texas;	<u>0.00%</u>	<u>0.00%</u>			
NM 011349-B		TOTAL	<u>100.00%</u>	<u>100.00%</u>		
	<u>TRACT 16-C</u>					
	<u>T. 29N, R. 5W</u>	Royalty;	12.50%	12.50%	1.785714%	
	Sec. 27: SE/4	Working Interest:				
		El Paso Natural Gas Co.	82.50%	82.50%		
		ORRI;	<u>5.00%</u>	<u>5.00%</u>		
		TOTAL	<u>100.00%</u>	<u>100.00%</u>		
	<u>TRACT 17-A</u>					
	<u>T. 29N, R. 5W</u>	Royalty;	12.50%	12.50%	2.678571%	
	Sec. 33: E/2E/2,	Working Interest:				
W/2SE	Tom Bolack	82.50%	82.50%			
	ORRI;	<u>5.00%</u>	<u>5.00%</u>			
	TOTAL	<u>100.00%</u>	<u>100.00%</u>			
<u>TRACT 17-B</u>						

NORTHWEST PIPELINE CORPORATION

UNIT AREA EXPANSION SCHEDULE

SCHEDULE XIV

THIRTEENTH EXPANDED PARTICIPATING AREA FOR THE DAKOTA FORMATION
SAN JUAN 29-5 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		
NM 011350-A	<u>T. 29N, R. 5W</u>	360.00				
	Sec. 33: S/2 SW/4	360.00	Royalty;	12.50%	12.50%	4.017857%
	Sec. 34: N/2 N/2,		Working Interest;			
	SW/4 NW/4,		American Petrofina	87.50%	87.50%	
	W/2 SW/4		Company of Texas;	0.00%	0.00%	
			ORRI;	100.00%	100.00%	
			TOTAL			
			TRACT 17-B			
NM 03188	<u>T. 29N, R. 5W</u>	320.00				
	Sec. 20: S/2		Royalty;	12.50%	12.50%	3.571429%
			Working Interest;			
			El Paso Natural Gas Co.;	83.50%	83.50%	
			ORRI;	4.00%	4.00%	
			TOTAL	100.00%	100.00%	
			TRACT 21-A			
NM 03188	<u>T. 29N, R. 5W</u>	160.00				
	Sec. 29: SE/4		Royalty;	12.50%	12.50%	1.785714%
			Working Interest;			
			El Paso Natural Gas Co.;	82.50%	82.50%	
			ORRI;	5.00%	5.00%	
			TOTAL	100.00%	100.00%	
			TRACT 21-B			
NM 03188	<u>T. 29N, R. 5W</u>					
	Sec. 28: N/2 NW/4,	200.00	Royalty;	12.50%	12.50%	2.232143%
	SW/4 NW/4, S/2 SW/4		Working Interest;			
			Phillips Petroleum Co.;	83.50%	83.50%	
			ORRI;	4.00%	4.00%	
			TOTAL	100.00%	100.00%	

Effective September 1, 1978

NORTHWEST PIPELINE CORPORATION

UNIT AREA EXPANSION SCHEDULE

SCHEDULE XIV

THIRTEENTH EXPANDED PARTICIPATING AREA FOR THE DAKOTA FORMATION
SAN JUAN 29-5 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		
NM 03188	TRACT 21-C					
	T. 29N, R. 5W					
	Sec. 21: W/2 &	440.00	Royalty;	12.50%	12.50%	4.910714%
	W/2 NE/4 &		Working Interest:			
	NW/4 SE/4		Phillips Petroleum Co.	82.50%	82.50%	
			ORRI;	5.00%	5.00%	
	TOTAL			100.00%	100.00%	
	TRACT 22					
	T. 29N, R. 5W					
	Sec. 32: W/2 NW/4	80.00	Royalty;	12.50%	12.50%	.892857%
E-289-3			Working Interest:			
			The Wiser Oil Co.;	87.50%	87.50%	
	TOTAL			100.00%	100.00%	
	TRACT 22-A					
	T. 29N, R. 5W					
	Sec. 32: E/2 SE/4	80.00	Royalty;	12.50%	12.50%	.892857%
			Working Interest:			
			El Paso Natural Gas Co.;	82.50%	82.50%	
			ORRI;	5.00%	5.00%	
	TOTAL			100.00%	100.00%	
E-289-44	TRACT 22-C					
	T. 29N, R. 5W					
	Sec. 32: W/2 SW/4,	280.00	Royalty;	12.50%	12.50%	3.125000%
	NE/4, SE/4 NW/4		Working Interest:			
			El Paso Natural Gas Co.;	82.50%	82.50%	
			ORRI;	5.00%	5.00%	
	TOTAL			100.00%	100.00%	
	TRACT 22-A					
	T. 29N, R. 5W					
	Sec. 32: E/2 SE/4	80.00	Royalty;	12.50%	12.50%	.892857%
E-289-45			Working Interest:			
			El Paso Natural Gas Co.;	82.50%	82.50%	
			ORRI;	5.00%	5.00%	
	TOTAL			100.00%	100.00%	

NORTHWEST PIPELINE CORPORATION
UNIT AREA EXPANSION SCHEDULE

SCHEDULE XIV

THIRTEENTH EXPANDED PARTICIPATING AREA FOR THE DAKOTA FORMATION
 SAN JUAN 29-5 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
TRACT 22-D							
Fee	T. 29N, R. 5W Sec. 32: NE/4 NW/4	40.00	Royalty; Working Interest; El Paso Natural Gas Co.; ORRI;	12.50% 82.50% 5.00%	12.50% 82.50% 5.00%	100.00%	.446429%
TRACT 24							
Fee	T. 29N, R. 5W Sec. 18: NE/4 NW/4	40.00	Royalty; Working Interest; El Paso Natural Gas Co.; ORRI;	12.50% 83.50% 4.00%	12.50% 83.50% 4.00%	100.00%	.446429%
TRACT 24-A							
Fee	T. 29N, R. 5W Sec. 7: Lot 4, Tract 121.04 #37 less north 10.46 acres		Royalty; Working Interest; El Paso Natural Gas Co.; ORRI;	12.50% 83.50% 4.00%	12.50% 83.50% 4.00%	100.00%	1.350893%
TRACT 27							
Fee	T. 29N, R. 5W Sec. 21: E/2 NE/4 Sec. 22: W/2 NW/4 (Less one acre)	159.00	Royalty; Working Interest; Phillips Petroleum Co.; ORRI;	12.50% 83.50% 4.00%	12.50% 83.50% 4.00%	100.00%	1.774554%

NORTHWEST PIPELINE CORPORATION
UNIT AREA EXPANSION SCHEDULE

SCHEDULE XIV

THIRTEENTH EXPANDED PARTICIPATING AREA FOR THE DAKOTA FORMATION
 SAN JUAN 29-5 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
Fee	<u>T. 29N, R. 5W</u> Sec. 22: One acre out of SW corner of W/2 NW/4	1.00	Royalty; Working Interest; ORRI; TOTAL	TRACT 27-A	12.50% 87.50% 0.00% 100.00%	12.50% 87.50% 0.00% 100.00%	.011161
Fee	<u>T. 29N, R. 5W</u> Sec. 21: SE/4 SE/4 Sec. 28: E/2 NE/4	120.00	Working Interest; Larry Mizel; Steven Mayer Mizel; Gary Dean Mizel; Vicki Mizel; Ann Fisher; Barbara Y. Wilton; Robert C. Wilton; Robert C. Wilton; Trustee under that certain trust agreement dated April 1, 1975 between Saul A. Yager, Grantor & Robert C. Wilton, Trustee TOTAL	TRACT 28	11.25% 11.25% 11.25% 11.25% 10.00% 11.25% 11.25% 22.50%	00.00% 00.00% 00.00% 00.00% 00.00% 00.00% 00.00% 00.00%	0.000000%
Fee	<u>T. 29N, R. 5W</u> Sec. 21: NE/4 SE/4	40.00	Working Interest; Sam Lack;	TRACT 28	100.00% 100.00%	00.00% 00.00%	0.000000%

NORTHWEST PIPELINE CORPORATION

UNIT AREA EXPANSION SCHEDULE

SCHEDULE XIV

THIRTEENTH EXPANDED PARTICIPATING AREA FOR THE DAKOTA FORMATION
SAN JUAN 29-5 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
Fee	<u>TRACT 29</u>						
	<u>T. 29N, R. 5W</u>		Royalty;		12.50%	12.50%	3.571429%
	Sec. 28: N/2 SW/4 & 320.00		Working Interest:				
	SE/4 NW/4 & SE/4 &		Phillips Petroleum Co.;		85.00%	85.00%	
	SW/4 NE/4		ORRI;		<u>2.50%</u>	<u>2.50%</u>	
			TOTAL		<u>100.00%</u>	<u>100.00%</u>	
Fee	<u>TRACT 30</u>						
	<u>T. 29N, R. 5W</u>		Royalty;		12.50%	12.50%	2.455357%
	Sec. 30: SW/4 SE/4 220.00		Working Interest:				
	Sec. 31: SE/4 NW/4 &		El Paso Natural Gas Co.;		83.50%	83.50%	
	N/2 SW/4 NW/4 & W/2 NE/4 &		ORRI;		<u>4.00%</u>	<u>4.00%</u>	
	SE/4 NE/4		TOTAL		<u>100.00%</u>	<u>100.00%</u>	
Fee	<u>TRACT 31</u>						
	<u>T. 29N, R. 5W</u>		Royalty;		12.50%	12.50%	1.428571%
	Sec. 34: SE/4 NW/4 & 128.00		Working Interest:				
	SW/4 NE/4 & NW/4 SE/4 &		Phillips Petroleum Co.;		85.00%	85.00%	
	NE/4 SW/4 less 32 acres		ORRI;		<u>2.50%</u>	<u>2.50%</u>	
	in the SW corner		TOTAL		<u>100.00%</u>	<u>100.00%</u>	
Fee	<u>TRACT 32</u>						
	<u>T. 29N, R. 5W</u>		Royalty;		12.50%	12.50%	3.57143%
	Sec. 34: 32 acres out 32.00		Working Interest:				
	of SW corner of the		Phillips Petroleum Co.;		84.50%	84.50%	
	NE SW		ORRI;		<u>3.00%</u>	<u>3.00%</u>	
			TOTAL		<u>100.00%</u>	<u>100.00%</u>	

Effective September 1, 1978

NORTHWEST PIPELINE CORPORATION

UNIT AREA EXPANSION SCHEDULE

SCHEDULE XIV

THIRTEENTH EXPANDED PARTICIPATING AREA FOR THE DAKOTA FORMATION
SAN JUAN 29-5 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTU/ PARTICIPATI
Fee	T. 29N, R. 5W Sec. 31: W/2 SW/4 & 100.00 S/2 SW/4 NW/4		Royalty; Working Interest: El Paso Natural Gas Co.; American Pet. Co. of Tex.; ORRI;		12.50% 58.59% 21.88% 7.03%*	12.50% 58.59% 21.88% 7.03%*	1.116071%
			TOTAL		100.00%	100.00%	
			TRACT 34				
Fee	T. 29N, R. 5W Sec. 32: E/2 SW/4 & W/2 SE/4		Royalty; Working Interest: Amoco Production Co.; ORRI;		12.50% 87.50% 0.00%	12.50% 87.50% 0.00%	1.785714%
			TOTAL		100.00%	100.00%	
			TRACT 35				
Fee	T. 29N, R. 5W Sec. 33: W/2 NW/4 & 160.00 N/2 SW/4		Royalty; Working Interest: T.H. McElvain Estate-1/4 Ruth M. Vaughan-1/6 Carl R. McElvain Estate-1/6 J. Wm. McElvain-1/6 Mabelle M. Miller-1/4 Individually & Independent Executrix of the Estate of Forrest B. Miller ORRI;		12.5000% 20.6250% 13.7500% 13.7500% 13.7500% 20.6250%	12.5000% 20.6250% 13.7500% 13.7500% 13.7500% 20.6250%	1.785714%
			TOTAL		5.0000% 100.0000%	5.0000% 100.0000%	

Effective September 1, 1978

NORTHWEST PIPELINE CORPORATION
UNIT AREA EXPANSION SCHEDULE

SCHEDULE XIV

THIRTEENTH EXPANDED PARTICIPATING AREA FOR THE DAKOTA FORMATION
 SAN JUAN 29-5 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUA PARTICIPATIO
<u>TRACT 37</u>							
Fee	<u>T. 29N, R. 5W</u> Sec. 21: SW/4 SE/4 Sec. 28: NW/4 NE/4	80.00	Royalty; Working Interest; Phillips Petroleum Co.;		12.50% 87.50% 0.00%	12.50% 87.50% 0.00%	.892857%
			ORRI; TOTAL		100.00%	100.00%	
<u>TRACT 38</u>							
Fee	<u>T. 29N, R. 5W</u> Sec. 22: SW/4 less two acres out of NE/4 SW/4 & E/2 NW/4 Sec. 27: N/2 NW/4		Royalty; Working Interest; Phillips Petroleum Co.;		12.50% 87.50% 0.00%	12.50% 87.50% 0.00%	3.549107%
			ORRI; TOTAL		100.00%	100.00%	
<u>TRACT 38-B</u>							
Fee	Beginning at NW corner of N/2 SE/4 of Sec. 22, T29N, R5W, thence 420' South, thence 210' West, thence 420' North, thence 210' East to place of beginning.	2.00	Royalty; Working Interest; Phillips Petroleum Co.;		12.50% 87.50% 0.00%	12.50% 87.50% 0.00%	.022321
			TOTAL		100.00%	100.00%	

NORTHWEST PIPELINE CORPORATION
UNIT AREA EXPANSION SCHEDULE

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTU PARTICIPATI
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RECAPITULATION

Description of Lands in Participating Area:

Township 29 North, Range 5 West, N. M. P. M.
Section 7: SE/4 & Lots 3, 4, Tract 37 Less North 10.46 acres
Section 17: S/2
Section 22: W/2
Section 26: W/2
Section 29: E/2
Section 30: W/2 & SE/4
Sections 18, 19, 20, 21, 27, 28, 31, 32, 33, 34, 35: All

Total number of acres in Participating Area: 9,120 acres
Total number of acres committed to Participating Area: 8,960 acres
Total number of acres not committed to Participating Area: 160 acres

* Borne by El Paso (Reference Tract 33)

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

February 20, 1980

Northwest Pipeline Corporation
One Park Central, Suite 1487
Denver, Colorado 80202

Attention: Betty R. Burnett

Re: Case No. 418
San Juan 29-5 Unit
Second Expanded
Participating Area for
Pictured Cliffs Formation

Gentlemen:

We hereby approve the Second Expanded Participating Area for the Pictured Cliffs Formation for the San Juan 29-5 Unit, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands.

Two approved copies of the Expanded Participating Area are returned herewith.

Yours very truly,

JOE D. RAMEY
Director

JDR/EP/fd
enc.

cc: U.S.G.S. - Roswell
Commissioner of Public Lands

C
O
P
Y

NORTHWEST PIPELINE CORPORATION

ONE PARK CENTRAL, SUITE 1487
DENVER, COLORADO 80202
(303) 623-9303

January 23, 1980

Mr. James A. Gillham
U. S. Geological Survey
P. O. Drawer 1857
Roswell, New Mexico 88201

418

Commissioner of Public Lands
State of New Mexico
Attn: Mr. Ray D. Graham
P. O. Box 1148
Santa Fe, New Mexico 87501

Energy and Minerals Dept.
Oil Conservation Commission
State of New Mexico
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 29-5 Unit
#14-08-001-437
SECOND EXPANDED
PARTICIPATING AREA
PICTURED CLIFFS FORMATION
Effective July 1, 1979

Gentlemen:

It has just come to our attention that the working interest owner shown on Tract 13 of Schedule III of the captioned unit expansion is not correct. The working owner should be El Paso Natural Gas Company instead of Sun Oil Company.

Therefore we have enclosed a corrected page one to Schedule III for your files.

We apologize for any inconvenience our error may have caused.

Very truly yours,

Kathy Michael
Kathy Michael
Land Records Coordinator

KM/pb
cc: Working Interest Owners

UNIT AREA EXPANSION SCHEDULE

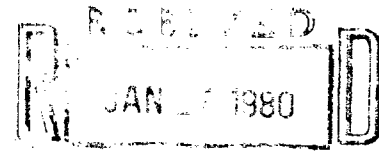
SCHEDULE III SECOND EXPANSION OF THE PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION SAN JUAN 29-5 UNIT

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT AC PARTICIPATING
			OWNERSHIP	PERCENTAGE		
SF-078305	T29N, R5W Sec. 6: SW $\frac{1}{4}$	160.00	TRACT 4 Royalty Working Interest: Northwest Pipeline ORRI	12.50%	12.50%	10.25063%
				82.50%	82.50%	
				5.00%	5.00%	
			TOTAL	100.00%	100.00%	
SF-078410	T29N, R5W Sec. 6: Lots 1,2,3, 4, S $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$	480.88	TRACT 6 Royalty Working Interest: Northwest Pipeline ORRI	12.50%	12.50%	30.80826%
				82.50%	82.50%	
				5.00%	5.00%	
			TOTAL	100.00%	100.00%	
SF-078917	T29N, R5W Sec. 25: W $\frac{1}{2}$	320.00	TRACT 12 Royalty Working Interest: Northwest Pipeline ORRI	12.50%	12.50%	20.50126%
				84.50%	84.50%	
				3.00%	3.00%	
			TOTAL	100.00%	100.00%	
SF-079033	T29N, R5W Sec. 23: W $\frac{1}{2}$	320.00	TRACT 13 Royalty Working Interest: El Paso Natural Gas ORRI	12.50%	12.50%	20.50126%
				84.50%	84.50%	
				3.00%	3.00%	
			TOTAL	100.00%	100.00%	
SF-079033	T29N, R5W Sec. 23: SE $\frac{1}{4}$, E $\frac{1}{2}$ NE $\frac{1}{4}$, SW $\frac{1}{4}$ NE $\frac{1}{4}$	280.00	TRACT 13-A Royalty Working Interest: Sun Oil Company ORRI	12.50%	12.50%	17.93859%
				84.50%	84.50%	
				3.00%	3.00%	
			TOTAL	100.00%	100.00%	

NORTHWEST PIPELINE CORPORATION

ONE PARK CENTRAL, SUITE 1487
DENVER, COLORADO 80202
(303) 623-9303

November 12, 1979



OIL CONSERVATION DIVISION
SANTA FE

Mr. James A. Gillham
U. S. Geological Survey
P.O. Drawer 1857
Roswell, New Mexico 88201

418

Commissioner of Public Lands
State of New Mexico
Attn: Mr. Ray D. Graham
P.O. Box 1148
Santa Fe, New Mexico 87501

Energy and Minerals Department
Oil Conservation Commission
State of New Mexico
P. O. Box 2038
Santa Fe, New Mexico 87501

Re: San Juan 29-5 Unit #14-08-001-437
Rio Arriba County, New Mexico
SECOND EXPANDED PARTICIPATING
AREA
PICTURED CLIFFS FORMATION
Effective July 1, 1979

NOTICE OF COMPLETION of
Additional Pictured Cliffs Well
PICTURED CLIFFS FORMATION

Gentlemen:

Pursuant to Section 11 (a) of the San Juan 29-5 Unit Agreement, Northwest Pipeline Corporation, as Unit Operator, determined on the dates indicated below that the San Juan 29-5 Unit Wells Nos. 81, 87 and 93 were capable of producing unitized substances in paying quantities from the Pictured Cliffs formation and should create the Second Expanded Participating Area for the Pictured Cliffs formation as follows:

The San Juan Unit No. 81 Well is located 1190 feet from the North line and 1190 feet from the West Line, Section 6, Township 29 North, Range 5 West, N.M.P.M., Rio Arriba County, New Mexico. This well was spudded on 8-14-78 and completed on 6-5-79 in the Pictured Cliffs formation at a plug back depth of 3647 feet. The Pictured Cliffs formation was perforated from 3514' to 3546' with one SPF (except 3522'), a total of 32 shots.

These perforations were treated with 5000 gal. pad followed by a sand-water fracturing. The well was shut-in 5-31-79 for 5 days with a SIPC of 1146 psig. On 6-5-79, the well was tested and after flowing for three (3) hours through a 3/4 inch variable choke on the 2 7/8 inch casing, the well gauged 3125 MCFD with a calculated AOF of 3364 MCFD.

The San Juan Unit No. 93 Well is located 790 feet from the North line and 1705 feet from the West Line, Section 23, Township 29 North, Range 5 West, N.M.P.M., Rio Arriba County, New Mexico. This well was spudded on 9-12-78 and completed on 6-15-79 in the Pictured Cliffs Formation at a plug back depth of 3930'. The Pictured Cliffs Formation was perforated with one hole at each of the following depths:

3794, 3798, 9802, 3806, 3810, 3814, 3818, 3822, 3826, 3830,
3846, 3850, 3854, 3858, 3862, 3866, 3870.

These perforations were treated with 5000 gal. pad followed by a sand-water fracturing. The well was shut-in 6-5-79 for 10 days with a SIPC of 1120 psig. On 6-15-79, the well was tested and after flowing for three (3) hours through a 3/4 inch variable choke on the 2 7/8 inch casing, the well gauged 4481 MCFD with a calculated AOF of 5316 MCFD.

The San Juan Unit No. 87 Well is located 1040 feet from the North Line and 1830 feet from the West Line, Section 25, Township 29 North, Range 5 West, N.M.P.M., Rio Arriba County, New Mexico. This well was spudded on 9-20-78 and completed on 6-26-79 in the Pictured Cliffs Formation at a plug back depth of 3671'. The Pictured Cliffs Formation was perforated with one hole at each of the following depths:

3528, 3532, 3536, 3540, 3544, 3552, 3556, 3560, 3564, 3568,
3572, 3586, 3590

These perforations were treated with 500 gal. 7½% Hcl followed by a sand-water fracturing. The well was shut-in 6-20-79 for 6 days with a SIPC of 1092 psig. On 6-26-79 the well was tested and after flowing for three (3) hours through a 3/4 inch variable choke on the 2-7/8 inch casing, the well gauged 1398 MCFD with a calcuated AOF of 1419 MCFD.

NOTICE OF COMPLETION OF PICTURED CLIFFS WELL

Pertinent data is as follows:

The San Juan Unit No. 94 Well is located 945 feet from the South Line, and 1185 feet from the East Line, Section 23, Township 29 North, Range 5 West, N.M.P.M., Rio Arriba County, New Mexico. This well was spudded on 9-29-78 and completed on 7-6-79 in the Pictured Cliffs Formation at a plug back depth of 4038'. The Pictured Cliffs Formation was perforated

with one hole at each of the following depths:

3900, 3904, 3908, 3912, 3916, 3920, 3924, 3928, 3932, 3936,
3940, 3944, 3954, 3958

These perforations were treated with 500 gal. 7½% Hcl followed by a sand-water fracturing. The well was shut-in 6-29-79 for 7 days with a SIPC of 1025 psig. On 7-6-79 the well was tested and after flowing for three (3) hours through a 3/4 inch variable choke on the 2-7/8 inch casing, the well gauged 1036 MCFD with a calculated AOF of 1046 MCFD.

Attached is Schedule III and ownership map showing the Second Expansion of the Participating Area for the Pictured Cliffs Formation of the San Juan 29-5 Unit. The schedule describes the Second Expanded Participating Area and shows the percentage of unitized substances allocated to the drilling block tracts. Inasmuch as these need no official approval, no provision is made therefor and, in the absence of disapproval, the captioned Initial Participating Area will become effective October 31, 1977 and the First Expansion effective February 1, 1978.

Since Well #94 was drilled within the existing Pictured Cliffs Participating Area, the Participating Area is not enlarged by virtue of this well.

Copies of this letter, schedule, and map are being sent to the Working Interest Owners shown on the attached list.

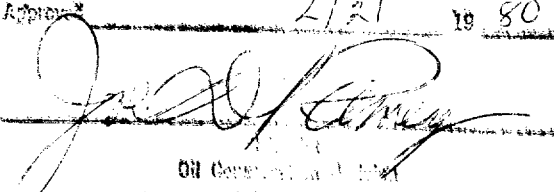
Sincerely,



Betty R. Burnett
Supervisor of Contracts and Units

BRB: mq&pb

cc: Working Interest Owners

Approved: 2/21 19 80

Oil Conservation Commission
Energy and Minerals Department

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 10/15/03 BY 60322
OR THE OWNER OF THE INFORMATION

NIT AREA EXPANSION SCHEDULE

SCHEDULE III
SECOND EXPANSION OF THE PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION
SAN JUAN 29-5 UNIT

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		
SF-078305	T29N, R5W Sec. 6: SW $\frac{1}{4}$	160.00	<u>TRACT 4</u>		12.50%	10.25063%
			Royalty			
			Working Interest:		82.50%	
			Northwest Pipeline	5.00%	<u>5.00%</u>	
			ORRI	<u>100.00%</u>	<u>100.00%</u>	
			TOTAL			
SF-078410	T29N, R5W Sec. 6: Lots 1,2,3, 4, S $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$	480.88	<u>TRACT 6</u>		12.50%	30.80826%
			Royalty			
			Working Interest:		82.50%	
			Northwest Pipeline	5.00%	<u>5.00%</u>	
			ORRI	<u>100.00%</u>	<u>100.00%</u>	
			TOTAL			
SF-078917	T29N, R5W Sec. 25: W $\frac{1}{2}$	320.00	<u>TRACT 12</u>		12.50%	20.50126%
			Royalty			
			Working Interest:		84.50%	
			Northwest Pipeline	3.00%	<u>3.00%</u>	
			ORRI	<u>100.00%</u>	<u>100.00%</u>	
			TOTAL			
SF-079033	T29N, R5W Sec. 23: W $\frac{1}{2}$	320.00	<u>TRACT 13</u>		12.50%	20.50126%
			Royalty			
			Working Interest:		84.50%	
			Sun Oil Company	3.00%	<u>3.00%</u>	
			ORRI	<u>100.00%</u>	<u>100.00%</u>	
			TOTAL			
*SF-079033	T29N, R5W Sec. 23: SE $\frac{1}{4}$, E $\frac{1}{2}$ NE $\frac{1}{4}$, SW $\frac{1}{4}$ NE $\frac{1}{4}$	280.00	<u>TRACT 13-A</u>		12.50%	17.93859%
			Royalty			
			Working Interest:		84.50%	
			Sun Oil Company	3.00%	<u>3.00%</u>	
			ORRI	<u>100.00%</u>	<u>100.00%</u>	
			TOTAL			

RECAPITULATION

Township 29 North, Range 5 West, N.M.P.M.

Section 6: All

Section 23: $W\frac{1}{2}$, $SE\frac{1}{4}$, $S\frac{1}{2}NE\frac{1}{4}$, $NE\frac{1}{4}NE\frac{1}{4}$

Section 25: $W\frac{1}{2}$

Total number of acres in Participating Area: 1560.83

Total number of acres committed to Participating Area: 1560.83

*Pursuant to Communitization Agreement--SRM-1171, this tract participates for 75% of the San Juan 29-5 Unit Well #80-Com and Non-Unit lands, $NW\frac{1}{4}NE\frac{1}{4}$. Section 23 participates for 25%.

Effective July 1, 1979

SAN JUAN 29-5 UNIT

Working Interest Owners

Sun Oil Company
Attention: V. M. Williams
P. O. Box 2380
Dallas, TX 75221

Phillips Petroleum Company
Attention: Mr. N. N. Beckner
1000 Security Life Building
Denver, CO 80202

Mr. Forrest B. Miller and
Mabelle M. Miller
1224 Lois Street
P. O. Box 1445
Kerrville, TX 78028

Koch Industries, Inc.
P. O. Box 2256
Wichita, KS 67201

General American Oil Company
of Texas
Attention: Mr. L. E. Dooley
Meadows Building
Dallas, TX 75206

Amoco Production Company
Attention: Mr. T. M. Curtis
Security Life Building
Denver, CO 80202

The Wiser Oil Company
P. O. Box 2467
Hobbs, NM 88240

Mr. J. William McElvain
310 East Jefferson Street
Morris, IL 60450

El Paso Natural Gas Company
Attention: James R. Permenter
P. O. Box 1492
El Paso, TX 79978

Mr. James E. McElvain, Executor for
the Estate of Carl R. McElvain, Deceased
309 West Jefferson Street
Morris, IL 60450

Mrs. Catherine B. McElvain,
Individually and as Executrix of the
Estate of T. H. McElvain, Deceased
P. O. Box 2148
Santa Fe, NM 87501

Mr. Tom Bolack
1010 North Dustin Drive
Farmington, NM 87401

American Petrofina Company of Texas
P. O. Box 2159
Dallas, TX 75221

Ruth M. Vaughan
300 Caversham Road
Bryn Mawr, PN 19010