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OIL CONSERVATION
DIVISION

#417

Skip Fraker, Land Analyst
Mid-America Land Department
Three Westlake Park - 3WL 5051
P.O. Box 2197
Houston, Texas 77252-2197

October 30, 2003

Bureau of Land Management
Farmington Resource Area
1235 La Plata Highway
Farmington, NM 87401

Commissioner of Public Lands
State of New Mexico
Attn: Mr. Ray Powell
PO Box 1148
Santa Fe, NM 87504-1148

Oil Conservation Division
State of New Mexico
Attn: Ms. Lori Wrotenberry
1220 S. Saint Francis Dr.
Santa Fe, NM 87505-4000

RE: SAN JUAN 30-5 UNIT
#14-08-001-346
COMMERCIALITY DETERMINATION
SAN JUAN 30-5 UNIT #268
SAN JUAN 30-5 UNIT #267
RIO ARRIBA COUNTY, NEW MEXICO
C40454

Gentlemen:

Pursuant to the provisions of Section 11(a) of the San Juan 30-5 Unit Agreement, #14-08-001-346, Phillips Petroleum Company (Phillips) has determined that the San Juan 30-5 Unit #268 & 267 wells are capable of producing unitized substances in paying quantities from the Fruitland Coal formation. Phillips requests confirmation of these paying well determinations. A summary of production and economic data is enclosed for the wells.

Upon receipt of approval from the Bureau of Land Management and concurring responses from the Commissioner of Public Lands and Oil Conservation Division, the formal Participating Area schedules will be prepared and submitted.

Copies of this submittal and enclosures are being sent to all owners on the attached listing. Please contact the undersigned, should you have any questions.

Respectfully yours,

Skip Fraker
San Juan Area-Land Dept.
(505) 599-3428

**SAN JUAN 30-5 UNIT
FRUITLAND COAL OWNERS**

PHILLIPS PETROLEUM COMPANY

PHILLIPS - NEW MEXICO PARTNERS, L.P.

PHILLIPS - SAN JUAN LIMITED PARTNERSHIP

BP AMERICA PRODUCTION

BURLINGTON RESOURCES OIL & GAS COMPANY

PROVIDENCE MINERAL, LLC

DUGAN PRODUCTION COMPANY

FOUR STAR OIL & GAS COMPANY

LANGDON HARRISON TRUST

MAR OIL & GAS CORPORATION

POOL RESOURCES, LTD

SAN JUAN BASIN PARTNERSHIP

ROBERT P. TINNIN

WILLIAMS PRODUCTION COMPANY

RUTH ZIMMERMAN TRUST



Commerciality Determination

**SJ 30-5 Unit #267
Fruitland Coal
SWNE, Sec 24, T30N, R5W
Rio Arriba Co., NM
API: 30-039-26514**

This Fruitland Coal well was spudded on 5/29/02 by Burlington Resources and completed on 7/12/2002.

An assumed capital investment of \$675,000 for a cavitated Fruitland coal well was used in this determination.

Estimated operating costs for this well were \$25,000/year.

Income was based on a flat non-escalated value of \$4.00/mmBTU, and normal transportation costs.

Recommend that this well be determined commercial.

Actual Production

Month	Production (mcf)
Aug-02	1602
Sep-02	1501
Oct-02	1343
Nov-02	1251
Dec-02	1233
Jan-03	1202
Feb-03	1185
Mar-03	1176
Apr-03	1146
May-03	1132
Jun-03	1096

Case Description
Case Parameters
Assumptions: 100% WI, 82% NRI, Evaluate at 8% discount rate,
\$4.00/mmBTU flat gas price, non-escalated, \$675,000 to drill and
complete.
900 mmBTU/mcf, \$25000/well/yr op cost
No compressor, no Pumping unit
Model ConocoPhillips
Oil Price Fi ConocoPhillips
Gas Price I ConocoPhillips

Net Present Values

Disc Rate (%)	Inc Before Res & Tax	Before Tax Cap. Inv	Before Tax After Tax	Cash Flow	Tax	Cash Flow PI
	M\$	M\$	M\$	M\$		
0	5472	675	4797	3022	0	0
8	3833	650	3184	1964	0	0
10	3579	644	2936	1800	0	0
11	3467	641	2826	1728	0	0
13	3264	635	2629	1597	0	0
15	3088	629	2458	1484	0	0
18	2862	621	2241	1339	0	0

Company WI	Initial %	Final %	Scenarios							
			Oil	Gas	Interests	Opcosts	Capital			
Working	100	100								
Oil NRI	82	82								
Gas NRI	82	82								
Byprod. NRI	82	82								
Capital	100	100								

Economic Indicators (Generic)::ConocoPhillips

AARR	%	799.9	799.9
Cash Breakeven Years	Years	0.6	0.99
NPV @ 13%	M\$	2629	1597
13% PI (cash)	M\$/M\$		0
13% PI (capital)	M\$/M\$	2936	3.52
NPV @ 10%	M\$		1800
10% PI (cash)	M\$/M\$		0
10% PI (capital)	M\$/M\$		3.8
Dev Cost/BOE	\$/BOE	1.85	
Economic Limit Date		2033/05	
Last Scheduled Prod Date		2063/07	
Date of first production		2004/01	
Date of first investment		2004/06	
Discount Date		2004/01	

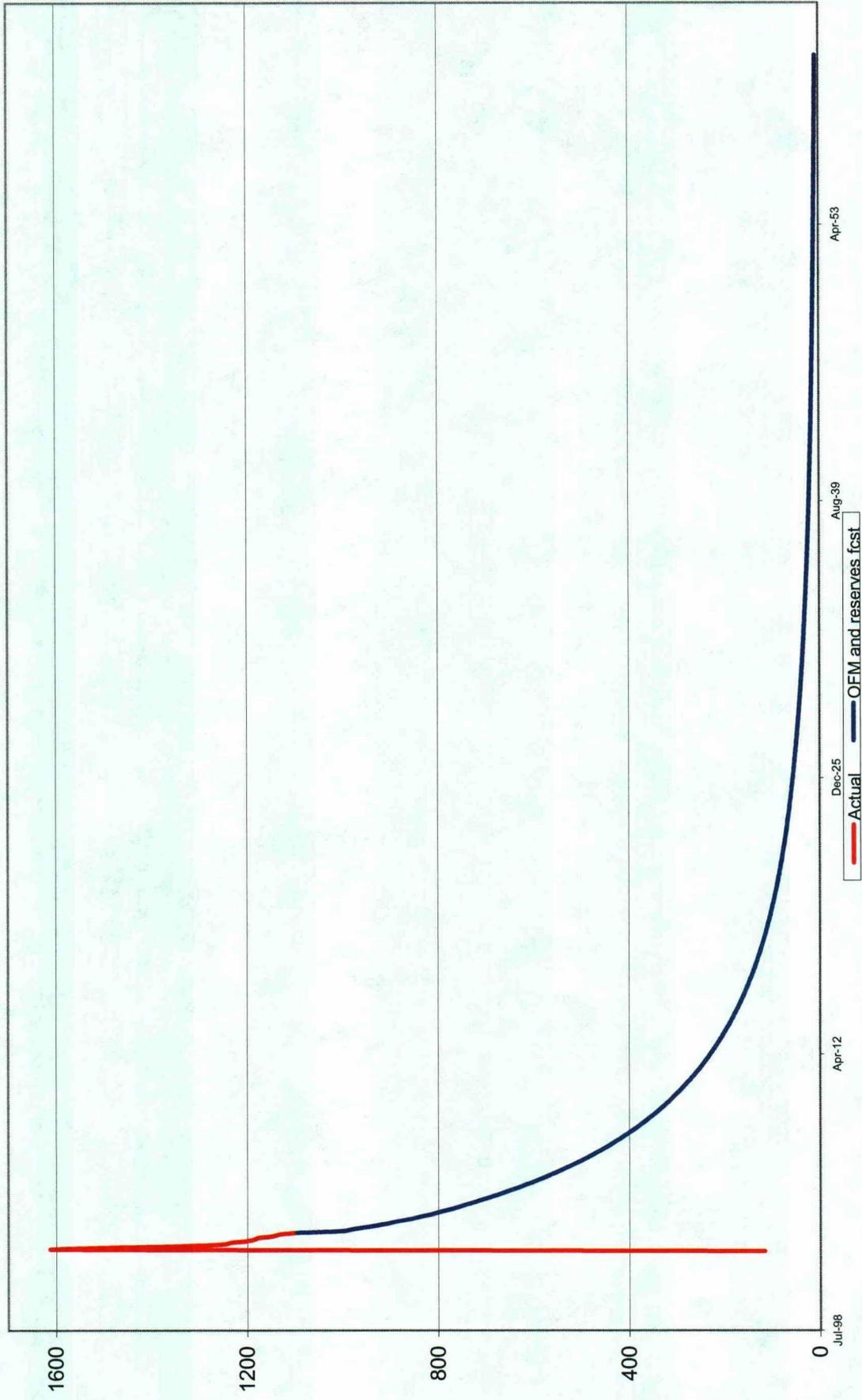
Products Recovery

	Gross	WI	Roy	Net
Oil	MSTB	0	0	0
Gas-Raw	MMSCF	2856	2673	481
Gas-Sales	MMSCF	2856	2673	481
Ethane	MSTB	0	0	0
Propane	MSTB	0	0	0
Butane	MSTB	0	0	0
Cond.	MSTB	0	0	0
Sulphur	MLt	0	0	0
Other	MSTB	0	0	0

RESERVES AND ECONOMICS
PRODUCTION & REVENUE SUMMARY

Date	Gross Oil/Cond Volume		Gross Gas Volume		Gross NRI Oil		Gross NRI Gas		Oil Price \$/Bbl	Gas Price \$/mcf	Gross # of Wells	Total NRI Revenue M\$	Total Prod Taxes M\$	Total Opcosts M\$	Income Before Reserves & Taxes M\$	Total Capital M\$	BTAX Cash Flow M\$	ATAX Cash Flow M\$	ATAX Disc. 10% M\$	ATAX Cash Flow Disc. 10% M\$	ATAX Cash Flow 13% M\$
	MSTB	MMSCF	MSTB	MMSCF	MSTB	MMSCF	MSTB	MMSCF													
2004(12)	0	445.82	0	365.58	0	3.16	1	1156.89	104.12	25	1027.77	675	352.77	8.18	7.79	7.69					
2005(12)	0	320.24	0	262.6	0	3.16	1	831.02	74.79	25	731.23	0	731.23	521.84	452.32	434.43					
2006(12)	0	260.3	0	213.44	0	3.16	1	675.46	60.79	25	589.67	0	589.67	415.18	327.16	305.87					
2007(12)	0	216.68	0	177.67	0	3.16	1	562.27	50.6	25	486.66	0	486.66	337.8	241.99	220.24					
2008(12)	0	182.68	0	149.8	0	3.16	1	474.06	42.67	25	406.39	0	406.39	278.32	181.25	160.58					
2009(12)	0	154.54	0	126.73	0	3.16	1	401.04	36.09	25	339.94	0	339.94	236.45	139.99	120.73					
2010(12)	0	132.24	0	108.43	0	3.16	1	343.14	30.88	25	287.26	0	287.26	203.26	109.4	91.84					
2011(12)	0	114.03	0	93.5	0	3.16	1	295.9	26.63	25	244.27	0	244.27	165.04	80.75	65.99					
2012(12)	0	99.3	0	81.43	0	3.15	1	256.26	23.06	25	208.2	0	208.2	131.16	58.34	46.41					
2013(12)	0	86.51	0	70.94	0	3.13	1	221.97	19.98	25	176.99	0	176.99	111.5	45.09	34.92					
2014(12)	0	76.02	0	62.33	0	3.11	1	193.87	17.45	25	151.43	0	151.43	95.4	35.07	26.44					
2015(12)	0	67.16	0	55.07	0	3.09	1	170.21	15.32	25	129.89	0	129.89	81.83	27.35	20.07					
2016(12)	0	59.8	0	49.04	0	3.07	1	150.56	13.55	25	112.01	0	112.01	70.57	21.44	15.31					
2017(12)	0	53.17	0	43.6	0	3.05	1	132.95	11.97	25	95.98	0	95.98	60.47	16.7	11.61					
2018(12)	0	47.62	0	39.04	0	3.03	1	118.19	10.64	25	82.55	0	82.55	52.01	13.06	8.84					
2019(12)	0	42.8	0	35.1	0	3	1	105.44	9.49	25	70.95	0	70.95	44.7	10.2	6.72					
2020(12)	0	38.73	0	31.76	0	2.98	1	94.65	8.52	25	61.13	0	61.13	38.51	7.99	5.13					
2021(12)	0	34.96	0	28.67	0	2.96	1	84.72	7.63	25	52.1	0	52.1	32.82	6.19	3.87					
2022(12)	0	31.75	0	26.04	0	2.93	1	76.28	6.87	25	44.41	0	44.41	27.98	4.8	2.92					
2023(12)	0	28.92	0	23.71	0	2.9	1	68.84	6.2	25	37.64	0	37.64	23.71	3.7	2.19					
2024(12)	0	26.49	0	21.72	0	2.88	1	62.46	5.62	25	31.84	0	31.84	20.06	2.84	1.64					
2025(12)	0	24.2	0	19.84	0	2.85	1	56.47	5.08	25	26.39	0	26.39	16.63	2.14	1.2					
2026(12)	0	22.21	0	18.21	0	2.82	1	51.29	4.62	25	21.67	0	21.67	13.65	1.6	0.87					
2027(12)	0	20.44	0	16.76	0	2.78	1	46.67	4.2	25	17.47	0	17.47	11.01	1.17	0.62					
2028(12)	0	18.91	0	15.5	0	2.75	1	42.67	3.84	25	13.83	0	13.83	8.71	0.84	0.44					
2029(12)	0	17.43	0	14.29	0	2.72	1	38.85	3.5	25	10.36	0	10.36	6.52	0.57	0.29					
2030(12)	0	16.14	0	13.23	0	2.68	1	35.5	3.19	25	7.3	0	7.3	4.6	0.37	0.18					
2031(12)	0	14.97	0	12.27	0	2.65	1	32.48	2.92	25	4.56	0	4.56	2.87	0.21	0.1					
2032(12)	0	13.96	0	11.44	0	2.61	1	29.84	2.69	25	2.16	0	2.16	1.36	0.09	0.04					
2033(12)	0	5.47	0	4.49	0	2.57	1	11.52	1.04	10.34	0.14	0	0.14	0.09	0.01	0					
Total	0	2673.5	0	2192.27	0	---	---	6821.48	613.93	735.34	5472.2	675	4797.2	3022.24	1800.4	1597.18					

30-5 #267





Commerciality Determination

**SJ 30-5 Unit #268
Fruitland Coal
NESW, Sec 24, T30N, R5W
Rio Arriba Co., NM
API: 30-039-26508**

This Fruitland Coal well was spudded on 9/11/2001 by Burlington Resources and completed on 10/25/2001.

An assumed capital investment of \$675,000 for a cavitated Fruitland coal well was used in this determination.

Estimated operating costs for this well were \$25,000/year.

Income was based on a flat non-escalated value of \$4.00/mmBTU, and normal transportation costs.

Recommend that this well be determined commercial.

Actual Production

Month	Production (mcf)
Nov-01	667
Dec-01	812
Jan-02	857
Feb-02	867
Mar-02	823
Apr-02	850
May-02	843
Jun-02	844
Jul-02	841
Aug-02	816
Sep-02	785
Oct-02	760
Nov-02	750
Dec-02	772
Jan-03	748
Feb-03	710
Mar-03	716
Apr-03	694
May-03	667
Jun-03	657

US Summary Report
TAT - Commerciality - SJ 30-5 #268
Nominal

Case Description	Case Parameters
	Assumptions: 100% WI, 82% NRI, Evaluate at 8% discount rate, \$4.00/mmBTU flat gas price, non-escalated, \$675,000 to drill and complete. 900 mmBTU/mcf, \$25000/well/yr op cost No compressor, no Pumping unit Linked Well
	Global Parameters Default Model ConocoPhillips Gas Price File ConocoPhillips

Net Present Values	Inc Before Res & Tax	Before Tax Cap. Inv	Before Tax After Tax Cash Flow	Cash Flow PI	Cash Flow PI	Company WI	Initial %	Final %	Scenarios		
									Oil	Gas	Base
Disc Rate (%)	M\$	M\$	M\$	M\$		Working	100	100	100 Gas	Base	Base
0	4199	675	3524	2220	11.46	Oil NRI	82	82	82 Interests	Base	Base
8	2910	650	2260	1382	7.77	Gas NRI	82	82	82 Opcosts	Base	Base
10	2708	644	2064	1251	7.19	Byprod. NF	82	82	82 Capital	Base	Base
11	2618	641	1978	1193	6.93	Capital	100	100			
13	2457	635	1822	1089	6.46						
15	2317	629	1688	998	6.05						
18	2138	621	1517	883	5.52						

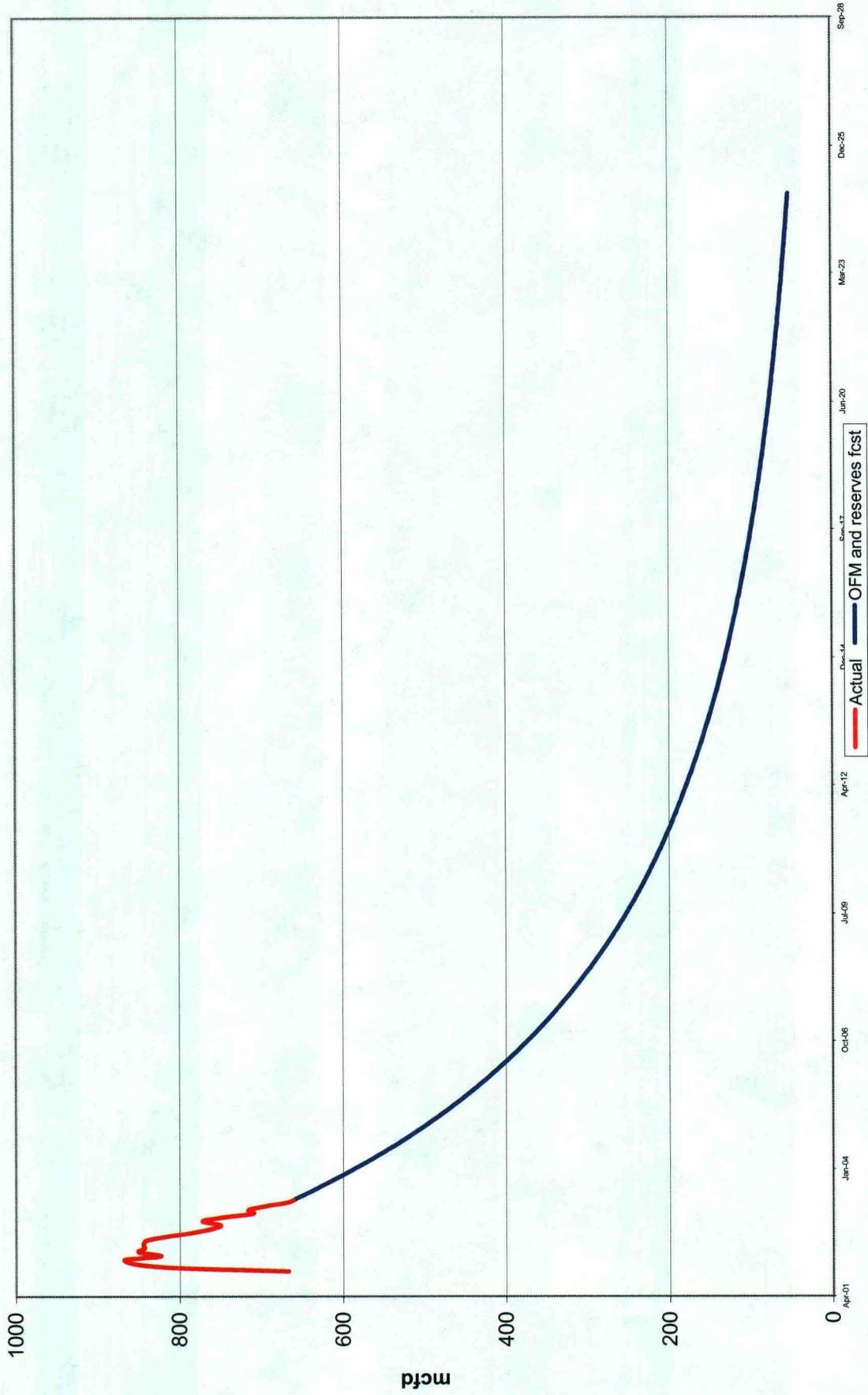
Economic Indicators (Generic)::ConocoPhillips

	BTax	ATax	Gross	WI	Roy	Net
AARR %	799.9	177.6	Oil	0	0	0
Cash Breakeven Years	1	1.48	Gas-Raw	2049	2049	369
NPV @ 13% M\$	1822	1089	Gas-Sales	2049	2049	369
13% PI (cash) M\$/M\$		6.46	Ethane	0	0	0
13% PI (capital) M\$/M\$		2.71	Propane	0	0	0
NPV @ 10% M\$	2064	1251	Butane	0	0	0
10% PI (cash) M\$/M\$		7.19	Cond.	0	0	0
10% PI (capital) M\$/M\$		2.94	Sulphur	0	0	0
Dev Cost/BOE \$/BOE	2.41		Other	0	0	0
Economic Limit Date	2027/02					
Last Scheduled Prod Date	2027/02					
Date of first production	2004/01					
Date of first investment	2004/06					
Discount Date	2004/01					

RESERVES AND ECONOMICS
PRODUCTION & REVENUE SUMMARY

Date	Gross Oil/Cond Volume MSTB	Gross Gas Volume MMSCF	NRI Oil MSTB	NRI Gas Sales MMSCF	Oil Price \$/Bbl	Gas Price \$/mcf	Gross # of Wells	Total NRI Revenue M\$	Total Prod Taxes M\$	Total Opcosts M\$	Income Before Reserves & Taxes M\$	Total Capital M\$	BTAX Cash Flow M\$	ATAX Cash Flow Disc. 10% M\$	ATAX Cash Flow M\$	
																297.75
2004(12)	0	0	297.75	0	244.15	0	3.16	1	772.64	69.54	25	678.11	675	3.1	-212.12	-202.24
2005(12)	0	0	250.56	0	205.46	0	3.16	1	650.19	58.52	25	566.68	0	566.68	418.17	362.46
2006(12)	0	0	205.14	0	168.21	0	3.16	1	532.33	47.91	25	459.42	0	459.42	333.12	262.5
2007(12)	0	0	173.04	0	141.89	0	3.16	1	449.04	40.41	25	383.62	0	383.62	272.89	195.48
2008(12)	0	0	147.74	0	121.15	0	3.16	1	383.38	34.5	25	323.87	0	323.87	226.33	147.39
2009(12)	0	0	126.43	0	103.67	0	3.16	1	328.07	29.53	25	273.54	0	273.54	194.62	115.22
2010(12)	0	0	109.27	0	89.6	0	3.16	1	283.56	25.52	25	233.04	0	233.04	169.11	91.01
2011(12)	0	0	95.1	0	77.98	0	3.16	1	246.78	22.21	25	199.57	0	199.57	136.87	66.97
2012(12)	0	0	83.52	0	68.49	0	3.15	1	215.54	19.4	25	171.14	0	171.14	107.82	47.96
2013(12)	0	0	73.34	0	60.14	0	3.13	1	188.17	16.93	25	146.23	0	146.23	92.13	37.25
2014(12)	0	0	64.89	0	53.21	0	3.11	1	165.5	14.89	25	125.6	0	125.6	79.13	29.09
2015(12)	0	0	57.71	0	47.32	0	3.09	1	146.25	13.16	25	108.08	0	108.08	68.09	22.76
2016(12)	0	0	51.69	0	42.39	0	3.07	1	130.15	11.71	25	93.43	0	93.43	58.86	17.88
2017(12)	0	0	46.23	0	37.91	0	3.05	1	115.58	10.4	25	80.18	0	80.18	50.51	13.95
2018(12)	0	0	41.61	0	34.12	0	3.03	1	103.28	9.29	25	68.98	0	68.98	43.46	10.91
2019(12)	0	0	37.59	0	30.82	0	3	1	92.6	8.33	25	59.26	0	59.26	37.34	8.52
2020(12)	0	0	34.17	0	28.02	0	2.98	1	83.51	7.52	25	50.99	0	50.99	32.13	6.67
2021(12)	0	0	30.98	0	25.4	0	2.96	1	75.08	6.76	25	43.32	0	43.32	27.29	5.15
2022(12)	0	0	28.25	0	23.16	0	2.93	1	67.86	6.11	25	36.75	0	36.75	23.15	3.97
2023(12)	0	0	25.82	0	21.17	0	2.9	1	61.47	5.53	25	30.93	0	30.93	19.49	3.04
2024(12)	0	0	23.74	0	19.47	0	2.88	1	55.97	5.04	25	25.93	0	25.93	16.33	2.32
2025(12)	0	0	21.76	0	17.84	0	2.85	1	50.77	4.57	25	21.2	0	21.2	13.36	1.72
2026(12)	0	0	20.03	0	16.43	0	2.82	1	46.26	4.16	25	17.1	0	17.1	10.77	1.26
2027(12)	0	0	3.09	0	2.53	0	2.78	1	7.05	0.63	4.04	2.38	0	2.38	1.5	0.16
Total	0	0	2049.44	0	1680.54	---	---	1	5251.01	472.59	579.04	4199.38	675	3524.38	2220.36	1251.39

32-8 #268





July 23, 2003

P.O. Box 2197
Houston, TX 77252-2197

Bureau of Land Management (3 copies)
Farmington Field Office
1235 La Plata Highway
Farmington, New Mexico 87401

Commissioner of Public Lands (2 copies)
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87501-1148

Oil Conservation Division (2 copies)
State of New Mexico
1220 S. St. Francis Drive
Santa Fe, New Mexico 87505-4000

RE: SAN JUAN 30-5 UNIT
#14-08-001-346
RIO ARRIBA COUNTY, NEW MEXICO
THIRD AMENDED 2003 PLAN OF DEVELOPMENT
CONTRACT C40454

Ladies and Gentlemen:

By letter dated November 20, 2002, Phillips Petroleum Company (Phillips) as Unit Operator, filed the 2003 Initial Plan of Development (POD), and, by letters dated December 2, 2002 and May 12, 2003 Phillips filed the First and Second Amended 2003 Plan of Developments.

It is now proposed that the POD be amended to include the addition of six (6) more wells to be drilled which were not included in the Initial POD.

The proposed wells to be drilled are as follows:

<u>Well Name</u>	<u>Dedicated Acreage</u>	<u>Formation</u>	<u>Operation</u>
San Juan 30-5 Unit #219A	W/2 Section 16-30N-5W	Fruitland Coal	Drill
San Juan 30-5 Unit #230A	E/2 Section 32-30N-5W	Fruitland Coal	Drill
San Juan 30-5 Unit #231A	W/2 Section 32-30N-5W	Fruitland Coal	Drill
San Juan 30-5 Unit #237A	E/2 Section 16-30N-5W	Fruitland Coal	Drill
San Juan 30-5 Unit #237R	E/2 Section 16-30N-5W	Fruitland Coal	Drill
San Juan 30-5 Unit #82	W/2 Section 25-30N-5W	Mesaverde	Recomplete

The above captioned wells are located within their respective participating area.

Phillips Petroleum Company, as Unit Operator, will drill any wells that may be required to prevent drainage and any other wells deemed necessary or requested by the Unit Working Interest Owners under the terms and provisions of the Unit Operating Agreement.

Per Section 10 of the San Juan 30-5 Unit Agreement, please confirm your approval of this First Amendment to the POD by executing in the appropriate space and returning one (1) copy of this letter to the attention of the undersigned.

Respectfully yours,

Skip Fraker, Land Analyst
San Juan CBM Team
(505)486-2392

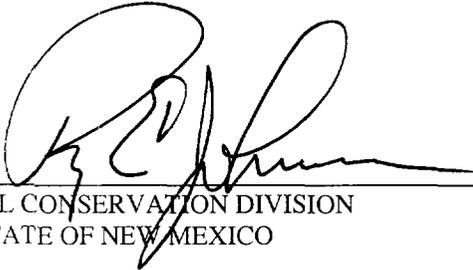
SAN JUAN 30-5 UNIT #14-08-001-346
THIRD AMENDED 2003 PLAN OF DEVELOPMENT

BUREAU OF LAND MANAGEMENT

DATE

COMMISSIONER OF PUBLIC LANDS
STATE OF NEW MEXICO

DATE



OIL CONSERVATION DIVISION
STATE OF NEW MEXICO

DATE

8/4/03



P.O. Box 2197
Houston, TX 77252-2197

May 12, 2003

Bureau of Land Management (3 copies)
Farmington Field Office
1235 La Plata Highway
Farmington, New Mexico 87401

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Santa Fe, New Mexico 87505-4000

RECEIVED

MAY 27 2003

OIL CONSERVATION
DIVISION

RE: SAN JUAN 30-5 UNIT
#14-08-001-346
RIO ARRIBA COUNTY, NEW MEXICO
SECOND AMENDED 2003 PLAN OF DEVELOPMENT
CONTRACT C40454

Ladies and Gentlemen:

By letter dated November 20, 2002, Phillips Petroleum Company (Phillips) as Unit Operator, filed the 2003 Initial Plan of Development (POD), and, by letter dated December 2, 2002 Phillips filed the First Amended 2003 Plan of Development.

It is now proposed that the POD be amended to include the addition of three (3) more wells to be drilled which were not included in the Initial POD.

The proposed wells to be drilled are as follows:

<u>Well Name</u>	<u>Dedicated Acreage</u>	<u>Formation</u>	<u>Operation</u>
San Juan 30-5 Unit #205A W/2 Section 7-30N-5W		Fruitland Coal	Drill
San Juan 30-5 Unit #205R W/2 Section 7-30N-5W		Fruitland Coal	Drill
San Juan 30-5 Unit #207A W/2 Section 18-30N-5W		Fruitland Coal	Drill

The above captioned wells are located within their respective participating area.

Phillips Petroleum Company, as Unit Operator, will drill any wells that may be required to prevent drainage and any other wells deemed necessary or requested by the Unit Working Interest Owners under the terms and provisions of the Unit Operating Agreement.

Per Section 10 of the San Juan 30-5 Unit Agreement, please confirm your approval of this First Amendment to the POD by executing in the appropriate space and returning one (1) copy of this letter to the attention of the undersigned.

Respectfully yours,

Skip Fraker, Land Analyst
ConocoPhillips
San Juan CBM Team
(832)486-2392

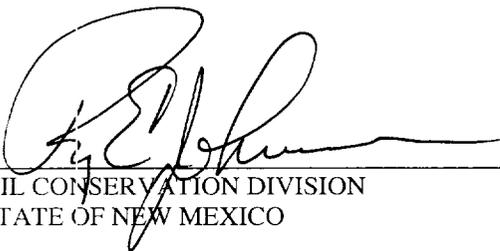
**SAN JUAN 30-5 UNIT #14-08-001-346
SECOND AMENDED 2003 PLAN OF DEVELOPMENT**

BUREAU OF LAND MANAGEMENT

DATE

COMMISSIONER OF PUBLIC LANDS
STATE OF NEW MEXICO

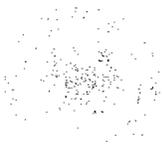
DATE



OIL CONSERVATION DIVISION
STATE OF NEW MEXICO

5/29/03

DATE



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MAY 05 2003

PATRICK H. LYONS
COMMISSIONER

State of New Mexico
Commissioner of Public Lands

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

OIL CONSERVATION
DIVISION
COMMISSIONER'S OFFICE
Phone (505) 827-5760
Fax (505) 827-5766
www.nmstatelands.org

May 1, 2003

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

Attn: Mr. Skip Fraker

Re: 2003 Plan of Development
San Juan 30-5 Unit
Rio Arriba County, New Mexico

Dear Mr. Fraker:

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

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

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

Very truly yours,

PATRICK H. LYONS
COMMISSIONER OF PUBLIC LANDS

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

PL/JB/cpm
xc. Reader File

OCD

BLM

COMMISSIONER'S OFFICE
Phone (505) 827-5760
Fax (505) 827-5766

ADMINISTRATION
Phone (505) 827-5700
Fax (505) 827-5853

GENERAL COUNSEL
Phone (505) 827-5713
Fax (505) 827-4262

PUBLIC AFFAIRS
Phone (505) 827-1245
Fax (505) 827-5766



**New Mexico State Land Office
Commissioner of Public Lands
Ray Powell, M.S., D.V.M.**

COMMERCIAL RESOURCES
Phone (505) 827-5724
Fax (505) 827-6157

MINERAL RESOURCES
Phone (505) 827-5744
Fax (505) 827-4739

ROYALTY MANAGEMENT
Phone (505) 827-5772
Fax (505) 827-4739

SURFACE RESOURCES
Phone (505) 827-5793
Fax (505) 827-5711

February 5, 2002

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

Attn: Mr. Skip Fraker

Re: 2002 Plan of Development
1st Amendment
San Juan 30-5 Unit
Rio Arriba County, New Mexico

Dear Mr. Fraker:

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

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

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

Very truly yours,

RAY POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

Handwritten signature of Jami Bailey in cursive.

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

RP/JB/cpm
xc: Reader File

OCD

BLM

COMMISSIONER'S OFFICE

Phone (505) 827-5760
Fax (505) 827-5766

ADMINISTRATION

Phone (505) 827-5700
Fax (505) 827-5853

GENERAL COUNSEL

Phone (505) 827-5713
Fax (505) 827-4262

PUBLIC AFFAIRS

Phone (505) 827-1245
Fax (505) 827-5766



**New Mexico State Land Office
Commissioner of Public Lands
Ray Powell, M.S., D.V.M.**

COMMERCIAL RESOURCES

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Fax (505) 827-6157

MINERAL RESOURCES

Phone (505) 827-5744
Fax (505) 827-4739

ROYALTY MANAGEMENT

Phone (505) 827-5772
Fax (505) 827-4739

SURFACE RESOURCES

Phone (505) 827-5793
Fax (505) 827-5711

January 9, 2002

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

Attn: Mr. Skip Fraker

Re: 2002 Plan of Development
San Juan 30-5 Unit
Rio Arriba County, New Mexico

Dear Mr. Fraker:

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

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

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

Very truly yours,

RAY POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

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

RP/JB/cpm

xc: Reader File

OCD

BLM



PHILLIPS PETROLEUM COMPANY

FARMINGTON, NEW MEXICO 87401
5525 HWY. 64 NBU 3004

January 7, 2002

Bureau of Land Management (3 copies)
Farmington Field Office
1235 La Plata Highway
Farmington, New Mexico 87401

Commissioner of Public Lands (2 copies)
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87501-1148

Oil Conservation Division (2 copies)
State of New Mexico
2040 South Pacheco
Santa Fe, New Mexico 87505

RE: SAN JUAN 30-5 UNIT
#14-08-001-346
RIO ARriba COUNTY, NEW MEXICO
FIRST AMENDED 2002 PLAN OF DEVELOPMENT
CONTRACT C40454

Ladies and Gentlemen:

By letter dated December 21, 2001, Phillips Petroleum Company (Phillips) as Unit Operator, filed the 2002 Initial Plan of Development (POD).

It is now proposed that the POD be amended to include the addition of one (1) to be drilled which were not included in the Initial POD.

The proposed wells to be drilled are as follows:

<u>Well Name</u>	<u>Dedicated Acreage</u>	<u>Formation</u>	<u>Operation</u>
San Juan 30-5 Unit #267	E/2 Section 24-30N-5W	Fruitland Coal	Drill

The Fruitland Coal drillblock for this well is not located within the Fruitland Coal Participating Area and is owned by Burlington Resources, et al. The well will be drilled by Burlington Resources as agent for Phillips Petroleum.

Phillips Petroleum Company, as Unit Operator, will drill any wells that may be required to prevent drainage and any other wells deemed necessary or requested by the Unit Working Interest Owners under the terms and provisions of the Unit Operating Agreement.

Per Section 10 of the San Juan 30-5 Unit Agreement, please confirm your approval of this First Amendment to the POD by executing in the appropriate space and returning one (1) copy of this letter to the attention of the undersigned.

Respectfully yours,

Skip Fraker
San Juan Area – Land Department
(505)599-3428

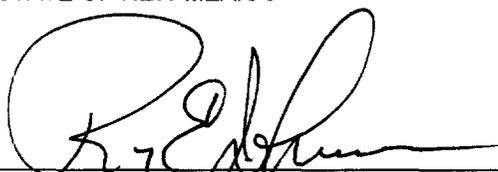
**SAN JUAN 30-5 UNIT #14-08-001-346
FIRST AMENDED 2002 INITIAL PLAN OF DEVELOPMENT**

BUREAU OF LAND MANAGEMENT

DATE

COMMISSIONER OF PUBLIC LANDS
STATE OF NEW MEXICO

DATE



OIL CONSERVATION DIVISION
STATE OF NEW MEXICO

2/8/02

DATE

cc: San Juan 30-5 Unit Owners
Jerry Foster (r) C40454
W. D. Jaap (r) local supervisors



PHILLIPS PETROLEUM COMPANY

FARMINGTON, NEW MEXICO 87401
5525 HWY. 64 NBU 3004

November 25, 2002

Bureau of Land Management (3 copies)
Farmington Resource Area
1235 La Plata Highway
Farmington, New Mexico 87401

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

Oil Conservation Division (2 copies)
State of New Mexico
2040 South Pacheco
Santa Fe, New Mexico 87505

RE: SAN JUAN 31-6 UNIT
#14-08-001-464
Rio Arriba County, New Mexico
2003 Plan of Development
Contract C49866

RECEIVED

DEC 06 2002

OIL CONSERVATION
DIVISION

Gentlemen:

By letter dated January 25, 2002, Phillips Petroleum Company (Phillips) as Unit Operator filed the 2002 Plan of Development (POD). The initial POD indicated nine (9) wells were planned to be drilled. The 2002 status is shown below:

- Attached is a unit production map.
- The following wells were drilled in 2002.

<u>Well Name</u>	<u>Dedicated Acreage</u>	<u>Formation</u>
San Juan 31-6 Unit #55	W/2 Section 27-31N-6W	Pictured Cliffs
San Juan 31-6 Unit #220R	E/2 Section 33-31N-6W	Fruitland Coal
San Juan 31-6 Unit #229R	W/2 Section 28-31N-6W	Fruitland Coal

The #220R, and #229R wells were drilled as replacement wells in the Fruitland Coal Participating Area and the #55 well as a Pictured Cliffs. The #47M well will be carried over to the 2003 drilling program.

- The following wells were recompleted in 2002.

<u>Well Name</u>	<u>Dedicated Acreage</u>	<u>Formation</u>
San Juan 31-6 Unit #27E	W/2 Section 28-31N-6W	Mesaverde
San Juan 31-6 Unit #31	E/2 Section 35-31N-6W	Mesaverde
San Juan 31-6 Unit #36E	E/2 Section 27-31N-6W	Mesaverde
San Juan 31-6 Unit #37	E/2 Section 36-31N-6W	Mesaverde
San Juan 31-6 Unit #38	W/2 Section 2-30N-6W	Mesaverde
San Juan 31-6 Unit #38E	E/2 Section 2-30N-6W	Mesaverde

These recompletions were all located within the Mesaverde Participating Area.

2002 Summary - There was one (1) Pictured Cliffs and two (2) Fruitland Coal wells drilled. There were six (6) Dakota wells recompleted into the Mesaverde and downhole commingled. The 12th Dakota Participating Area was approved. All downhole commingle and recompletion operations were conducted in accordance with existing regulatory parameters.

The Participating Areas which have been established in the 31-6 Unit are:

<u>Formation</u>	<u>Revision</u>	<u>Effective</u>
Fruitland Coal	Fifteenth	6/1/95
Mesaverde	Sixteenth	1/1/86
Dakota	Twelfth	9/1/99

Pursuant to Section 10 of the San Juan 31-6 Unit Agreement, Phillips, as Unit Operator, hereby submits the following wells for the 2003 POD:

<u>Well Name</u>	<u>Dedicated Acreage</u>	<u>Formation</u>	<u>Operation</u>
San Juan 31-6 Unit #214A	E/2 Section 36-31N-6W	Fruitland Coal	Drill
San Juan 31-6 Unit #215A	W/2 Section 36-31N-6W	Fruitland Coal	Drill
San Juan 31-6 Unit #217A	W/2 Section 35-31N-6W	Fruitland Coal	Drill
San Juan 31-6 Unit #223A	W/2 Section 32-31N-6W	Fruitland Coal	Drill
San Juan 31-6 Unit #229A	W/2 Section 28-31N-6W	Fruitland Coal	Drill
San Juan 31-6 Unit #230A	E/2 Section 27-31N-6W	Fruitland Coal	Drill
San Juan 31-6 Unit #231A	W/2 Section 27-31N-6W	Fruitland Coal	Drill
San Juan 31-6 Unit #234A	W/2 Section 29-31N-6W	Fruitland Coal	Drill

The San Juan 31-6 Unit working interest owners have been contacted with respect to this POD and are being provided with a copy of this letter. Phillips, as Unit Operator, will drill any wells that may be required to prevent drainage and any other wells deemed necessary or requested by the Unit working interest owners under the terms and provisions of the Unit Operating Agreement.

Per Section 10 of the Unit Agreement, please confirm your approval of this POD by signing in the appropriate space below and returning an executed copy to my attention.

Respectfully yours,



Skip Fraker
Phillips Petroleum Company
San Juan Area-Land Dept.
(505) 599-3428

**SAN JUAN 31-6 UNIT #14-08-001-464
2003 INITIAL PLAN OF DEVELOPMENT**

Bureau of Land Management

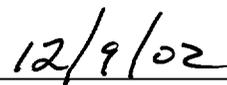
Date

New Mexico Commissioner of Public Lands

Date



New Mexico Oil Conservation Division



Date

SAN JUAN 31-6 OWNERSHIP

BP America Production
Attn: Don Duhrkoph
Westlake Park Blvd, Room 2518
Houston, TX 77079-2696

Burlington Resources Oil & Gas, Inc
PO Box 4289
Farmington, NM 87499

Conoco, Inc.
Attn: San Juan Actg Bubai Bldg
600 Dairy Ashford
Houston, TX 77079-1175

Four Star Oil & Gas Company
Attn: NOJV Manager
PO Box 36366
Houston, TX 77236

Phillips Petroleum Company

St Johns Operating #1 L3
Two Greenspoint Park, Ste 380-S
16800 Greenspoint Park Drive
Houston, TX 77060

Williams Production Company
Attn: Vern Hansen
PO Box 3102, Ms 37-5
Tulsa, OK 74101

The Wiser Oil Company
8115 Preston Road, Ste 400
Dallas, TX 75225



PHILLIPS PETROLEUM COMPANY

FARMINGTON, NEW MEXICO 87401
5525 HWY. 64 NBU 3004

01 OCT - 9 PM 12: 21

01 OCT - 9 PM 12: 21

September 28, 2001

Bureau of Land Management (3 copies)
Farmington Field Office
1235 La Plata Highway
Farmington, New Mexico 87401

Commissioner of Public Lands (2 copies)
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87501-1148

Oil Conservation Division (2 copies)
State of New Mexico
2040 South Pacheco
Santa Fe, New Mexico 87505

RE: SAN JUAN 30-5 UNIT
#14-08-001-346
RIO ARRIBA COUNTY, NEW MEXICO
CORRECTED-FIRST AMENDED 2001 PLAN OF DEVELOPMENT
CONTRACT C40454

Ladies and Gentlemen:

By letter dated December 30, 2000, Phillips Petroleum Company (Phillips) as Unit Operator, filed the 2001 Initial Plan of Development (POD).

It is now proposed that the POD be amended to include the addition of two (2) to be drilled which were not included in the Initial POD.

The proposed wells to be drilled are as follows:

<u>Well Name</u>	<u>Dedicated Acreage</u>	<u>Formation</u>	<u>Operation</u>
San Juan 30-5 Unit #38M	E/2 Section 18-30N-5W	Mesaverde/Dakota	Drill
San Juan 30-5 Unit #87M	W/2(MV) N/2(DK) Section 5-30N-5W	Mesaverde/Dakota	Drill

The Mesaverde and Dakota drillblocks for each of these wells are located within the Mesaverde and Dakota Participating Areas and is operated by Phillips Petroleum Company

Phillips Petroleum Company, as Unit Operator, will drill any wells that may be required to prevent drainage and any other wells deemed necessary or requested by the Unit Working Interest Owners under the terms and provisions of the Unit Operating Agreement.

Per Section 10 of the San Juan 30-5 Unit Agreement, please confirm your approval of this First Amendment to the POD by executing in the appropriate space and returning one (1) copy of this letter to the attention of the undersigned.

Respectfully yours,

Skip Fraker
San Juan Area - Land Department
(505)599-3428

cc: San Juan 30-5 Unit Owners
Jerry Foster (r) C40454

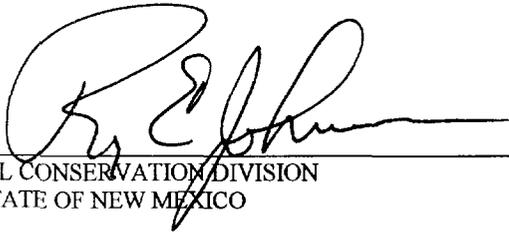
**SAN JUAN 30-5 UNIT #14-08-001-346
FIRST AMENDED 2001 INITIAL PLAN OF DEVELOPMENT**

BUREAU OF LAND MANAGEMENT

DATE

COMMISSIONER OF PUBLIC LANDS
STATE OF NEW MEXICO

DATE



OIL CONSERVATION DIVISION
STATE OF NEW MEXICO

10/22/2001

DATE



PHILLIPS PETROLEUM COMPANY

FARMINGTON, NEW MEXICO 87401
5525 HWY. 64 NBU 3004

December 30, 2000

Bureau of Land Management (3 copies)
Farmington Resource Area
1235 La Plata Highway
Farmington, New Mexico 87401

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JAN 3

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

Oil Conservation Division (2 copies)
State of New Mexico
2040 South Pacheco
Santa Fe, New Mexico 87505

RE: SAN JUAN 30-5 UNIT
#14-08-001-346
RIO ARRIBA COUNTY, NEW MEXICO
2001 PLAN OF DEVELOPMENT
CONTRACT C40454

Ladies and Gentlemen:

By letter dated December 17, 1999, Phillips Petroleum Company (Phillips) as Unit Operator filed the 2000 Plan of Development (POD) which was amended by Phillips letters of May 23, 2000 and August 11, 2000. The POD indicated ten (10) wells were planned for 2000 and the amendment in May added two (2) additional wells and the amendment in August added one (1) well. The 2000 status is shown below.

1. Attached are maps for each participating area.
2. The following wells were drilled in 2000.

<u>Well Name</u>	<u>Dedicated Acreage</u>	<u>Formation</u>
San Juan 30-5 Unit #21A	W/2(MV&DK) Section 24-30N-5W	Mesaverde/Dakota
San Juan 30-5 Unit #48M	E/2(MV&DK) Section 20-30N-5w	Mesaverde/Dakota
San Juan 30-5 Unit #51M	E/2(MV&DK) Section 21-30N-5W	Mesaverde/Dakota
San Juan 30-5 Unit #104E	E/2(MV&DK) Section 13-30N-5W	Mesaverde/Dakota
San Juan 30-5 Unit #113	W/2(MV&DK) Section 11-30N-5W	Mesaverde/Dakota
San Juan 30-5 Unit #213R	E/2 Section 5-30N-5W	Fruitland Coal
San Juan 30-5 Unit #220R	W/2 Section 8-30N-5W	Fruitland Coal
San Juan 30-5 Unit #265	E/2 Section 10-30N-5W	Fruitland Coal
San Juan 30-5 Unit #266	W/2 Section 10-30N-5W	Fruitland Coal

The #21A, #48M, & #51M were drilled as infill wells in the Mesaverde and Dakota Participating Areas. The #104E well is an infill well in the Dakota Participating Area with the Mesaverde being on a drillblock basis. The #113 well is on a drillblock basis for both the Mesaverde and Dakota formations. The #213R, 220R, 265 & 266 wells were drilled on a drillblock basis. The #214, #267 and #268 wells were not drilled and will be carried over into 2001. The #220 was plugged and abandoned.

3. The following wells were recompleted in 2000,

None

2000 Summary-There were five (5) Mesaverde/Dakota downhole commingled wells drilled and four (4) Fruitland Coal wells drilled. No wells were recompleted. There were no new expansions submitted. All downhole commingle operations were conducted in accordance to existing regulatory parameter

The Participating Areas which have been established in the 30-5 Unit are:

<u>Formation</u>	<u>Revision</u>	<u>Effective</u>
Fruitland Coal	Twenty-Fifth*	12/1/98*
Pictured Cliffs	Third	11/1/82
Mesaverde	Thirty-Fourth**	12/1/98**
Dakota	Seventeenth	11/1/97
Dakota "A"	Initial	7/19/93

* submitted on November 8, 1999, waiting on approval

** submitted on December 1, 1999, waiting on approval

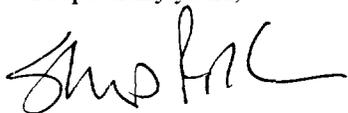
Pursuant to Section 10 of the San Juan 30-5 Unit Agreement, Phillips, as Unit Operator hereby submits the following wells for the 2001 POD:

<u>Well Name</u>	<u>Dedicated Acreage</u>	<u>Formation</u>
San Juan 30-5 Unit #28M	W/2(MV&DK) Section 24-30N-5W	Mesaverde/Dakota
San Juan 30-5 Unit #29B	E/2(MV&DK) Section 20-30N-5w	Mesaverde
San Juan 30-5 Unit #29M	E/2(MV&DK) Section 21-30N-5W	Mesaverde/Dakota
San Juan 30-5 Unit #80M	E/2(MV&DK) Section 13-30N-5W	Mesaverde/Dakota
San Juan 30-5 Unit #115	W/2(MV&DK) Section 11-30N-5W	Mesaverde/Dakota
San Juan 30-5 Unit #214	W/2(MV&DK) Section 5-30N-5W	Fruitland Coal
San Juan 30-5 Unit #219R	W/2 Section 16-30N-5W	Fruitland Coal
San Juan 30-5 Unit #267	E/2 Section 24-30N-5W	Fruitland Coal
San Juan 30-5 Unit #268	W/2 Section 24-30N-5W	Fruitland Coal

The San Juan 30-5 Unit working interest owners have been contacted with respect to this POD and are being provided with a copy of this letter. Phillips, as Unit Operator, will drill any wells that may be required to prevent drainage or any other wells deemed necessary or requested by the Unit working interest owners under the terms and provisions of the Unit Operating Agreement.

Per Section 10 of the Unit Agreement, please confirm your approval of this POD by signing in the appropriate space below and returning an executed copy to my attention.

Respectfully yours,



Skip Fraker
 San Juan Area-Land Dept.
 (505) 599-3428

**SAN JUAN 30-5 UNIT #14-08-001-346
2001 INITIAL PLAN OF DEVELOPMENT**

Bureau of Land Management

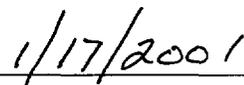
Date

New Mexico Commissioner of Public Lands

Date



New Mexico Oil Conservation Division



Date

cc: San Juan 30-5 Unit Owners
J. L. Mathis (r) C40454
W. D. Jaap (r) local supervisors



PHILLIPS PETROLEUM COMPANY

FARMINGTON, NEW MEXICO 87401
5525 HWY. 64 NBU 3004

August 11, 2000

Bureau of Land Management (3 copies)
Farmington Field Office
1235 La Plata Highway
Farmington, New Mexico 87401

Commissioner of Public Lands (2 copies)
State of New Mexico
PO Box 1148
Santa Fe, New Mexico 87501-1148

Oil Conservation Division (2 copies)
State of New Mexico
2040 South Pacheco
Santa Fe, New Mexico 87505

RE: San Juan 30-5 Unit
#14-08-001-346
Rio Arriba County, New Mexico
Second Amended 2000 Plan of Development

Ladies and Gentlemen:

By letter dated December 17, 1999, Philips Petroleum Company (Phillips), as Unit Operator, filed the 2000 Initial Plan of Development (POD).

It is now proposed that the POD be amended to include the addition of one (1) well to be drilled which was not included in the Initial POD.

The proposed well to be drilled is as follows:

<u>Well Name</u>	<u>Dedicated Acreage</u>	<u>Formation</u>	<u>Operation</u>
San Juan 30-5 Unit #214	W/2 Section 5-30N-5W	Fruitland Coal	Drill

The Fruitland Coal drillblock for this well is not located within the Fruitland coal Participating Area and is owned by Phillips Petroleum Company and Williams Production Company.

Phillips Petroleum Company, as Unit Operator, will drill any wells that may be required to prevent drainage and any others wells deemed necessary or requested by the Unit Working Interest Owners under the terms and provisions of the Unit Operating Agreement.

Per Section 10 of the San Juan 30-5 Unit Agreement, please confirm your approval of this Second Amendment to the POD by executing in the appropriate space and returning one (1) copy of this letter to the attention of the undersigned.

Respectfully your,

Skip Fraker
Southwestern Region-Land Dept.
(505) 599-3428

SAN JUAN 30-5 UNIT #14-08-001-346
SECOND AMENDED 2000 INITIAL PLAN OF DEVELOPMENT

BUREAU OF LAND MANAGEMENT

DATE

COMMISSIONER OF PUBLIC LANDS
STATE OF NEW MEXICO

DATE



OIL CONSERVATION DIVISION
STATE OF NEW MEXICO

8/18/00
DATE

Cc: San Juan 30-5 Unit Owners
J.L. Mathis C40454
W.D. Jaap
S.E. Jones

SAN JUAN 30-5 UNIT FRUITLAND OWNERS

AMOCO PRODUCTION COMPANY

BURLINGTON RESOURCES OIL & GAS COMPANY

DEVON ENERGY CORPORATION (NEVADA)

FOUR STAR OIL & GAS COMPANY

H.O. & T.K. POOL TRUST

LANGDON D. HARRISON TRUST

MAR OIL & GAS CORPORATION

PHILLIP-NEW MEXICO PARTNERS, L.P.

PHILLIPS-SAN JUAN LTD PARTNERS

ROBERT TINNIN

RUTH ZIMMERMAN TRUST

SAN JUAN BASIN PARTNERSHIP

THOMAS A. DUGAN

MARY E. DUGAN ESTATE

WILLIAMS PRODUCTION COMPANY



PHILLIPS PETROLEUM COMPANY

FARMINGTON, NEW MEXICO 87401
5525 HWY. 64 NBU 3004

May 23, 2000

Bureau of Land Management (3 copies)
Farmington Field Office
1235 La Plata Highway
Farmington, New Mexico 87401

Commissioner of Public Lands (2 copies)
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87501-1148

Oil Conservation Division (2 copies)
State of New Mexico
2040 South Pacheco
Santa Fe, New Mexico 87505

RE: SAN JUAN 30-5 UNIT
#14-08-001-346
RIO ARRIBA COUNTY, NEW MEXICO
FIRST AMENDED 2000 PLAN OF DEVELOPMENT
CONTRACT C40454

Ladies and Gentlemen:

By letter dated December 17, 1999, Phillips Petroleum Company (Phillips) as Unit Operator, filed the 2000 Initial Plan of Development (POD).

It is now proposed that the POD be amended to include the addition of two (2) to be drilled which were not included in the Initial POD.

The proposed wells to be drilled are as follows:

<u>Well Name</u>	<u>Dedicated Acreage</u>	<u>Formation</u>	<u>Operation</u>
San Juan 30-5 Unit #267	E/2 Section 24-30N-5W	Fruitland Coal	Drill
San Juan 30-5 Unit #268	W/2 Section 24-30N-5W	Fruitland Coal	Drill

The Fruitland Coal drillblock for each of these wells is not located within the Fruitland Coal Participating Area and owned by Burlington Resources, et al.

Phillips Petroleum Company, as Unit Operator, will drill any wells that may be required to prevent drainage and any other wells deemed necessary or requested by the Unit Working Interest Owners under the terms and provisions of the Unit Operating Agreement.

Per Section 10 of the San Juan 30-5 Unit Agreement, please confirm your approval of this First Amendment to the POD by executing in the appropriate space and returning one (1) copy of this letter to the attention of the undersigned.

Very truly yours,

S. Scott Prather, CPL
Senior Landman
San Juan Area
(505) 599-3410

**SAN JUAN 30-5 UNIT #14-08-001-346
FIRST AMENDED 2000 INITIAL PLAN OF DEVELOPMENT**

BUREAU OF LAND MANAGEMENT

DATE

COMMISSIONER OF PUBLIC LANDS
STATE OF NEW MEXICO

DATE



OIL CONSERVATION DIVISION
STATE OF NEW MEXICO

5/26/00

DATE

cc: San Juan 30-5 Unit Owners
J. L. Mathis (r) C40454
W. D. Jaap (r) local supervisors

**SAN JUAN 30-5 UNIT
FRUITLAND OWNERS**

AMOCO PRODUCTION COMPANY

BURLINGTON RESOURCES OIL & GAS COMPANY

DEVON ENERGY CORPORATION (NEVADA)

FOUR STAR OIL & GAS COMPANY

H. O. & T. K. POOL TRUST~WELLS FARGO

LANGDON D HARRISON TRUST

MAR OIL & GAS CORPORATION

PHILLIPS-NEW MEXICO PARTNERS, L. P.

PHILLIPS-SAN JUAN LTD PARTNERS

ROBERT TINNIN

RUTH ZIMMERMAN TRUST

EN VANTAGE

THOMAS A & MARY E DUGAN

WILLIAMS PRODUCTION COMPANY

#417



PHILLIPS PETROLEUM COMPANY

FARMINGTON, NEW MEXICO 87401
5525 HWY. 64 NBU 3004

December 17, 1999

Bureau of Land Management (3 copies)
Farmington Resource Area
1235 La Plata Highway
Farmington, New Mexico 87401

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

Oil Conservation Division (2 copies)
State of New Mexico
2040 South Pacheco
Santa Fe, New Mexico 87505

RE: SAN JUAN 30-5 UNIT
#14-08-001-346
RIO ARRIBA COUNTY, NEW MEXICO
2000 PLAN OF DEVELOPMENT
CONTRACT C40454

Ladies and Gentlemen:

By letter dated January 12, 1999, Phillips Petroleum Company (Phillips) as Unit Operator filed the 1999 Plan of Development (POD) which was amended by Phillips letter of April 16, 1999. The POD indicated twelve (12) wells were planned for 1999 and the amendment is April added one (1) additional well. The 1999 status is shown below.

1. Attached are maps for each participating area.
2. The following wells were drilled in 1999.

<u>Well Name</u>	<u>Dedicated Acreage</u>	<u>Formation</u>
San Juan 30-5 Unit #20A	E/2(MV&DK) Section 8-30N-5W	Mesaverde/Dakota
San Juan 30-5 Unit #70E	E/2(MV), S/2(DK) Section 9-30N-5W	Mesaverde/Dakota
San Juan 30-5 Unit #71M	W/2(MV&DK) Section 22-30N-5W	Mesaverde/Dakota
San Juan 30-5 Unit #83M	W/2(MV&DK) Section 23-30N-5W	Mesaverde/Dakota
San Juan 30-5 Unit #111	W/2(MV&DK) Section 13-30N-5W	Mesaverde/Dakota
San Juan 30-5 Unit #112	S/2(MV&DK) Section 12-30N-5W	Mesaverde/Dakota
San Juan 30-5 Unit #220	W/2 Section 8-30N-5W	Fruitland Coal
San Juan 30-5 Unit #232R	E/2 Section 33-30N-5W	Fruitland Coal
San Juan 30-5 Unit #261	E/2 Section 11-30N-5W	Fruitland Coal
San Juan 30-5 Unit #264	E/2 Section 9-30N-5W	Fruitland Coal

The #20A, #70E, #71M & #83M were drilled as infill wells in the Mesaverde and Dakota Participating Areas. The #111 well is an infill (IDB) well in the Dakota Participating Area with the Mesaverde being on a drillblock basis. The #112 well is on a drillblock basis for both the Mesaverde and Dakota formations. The #220 and #232R wells were dry holes and area temporarily abandoned. The #261 and #264 wells were drilled on a drillblock basis. The #213R, #220R and #231R wells were not drilled and will be carried over into 2000.

3. The following wells were recompleted in 1999,

None

1999 Summary-There were five (5) Mesaverde/Dakota downhole commingled wells drilled and four (4) Fruitland Coal wells drilled. No wells were recompleted. There were four (4) expansions of the Fruitland Coal Participating Area (22nd & 23rd) (24th & 25th) * and one (1) expansion of the Mesaverde Participating Area (34th) **. All downhole commingle operations were conducted in accordance to existing regulatory parameter

* submitted on November 8, 1999, waiting on approval

** submitted on December 1, 1999, waiting on approval

The Participating Areas which have been established in the 30-5 Unit are:

<u>Formation</u>	<u>Revision</u>	<u>Effective</u>
Fruitland Coal	Twenty-Fifth*	12/1/98*
Pictured Cliffs	Third	11/1/82
Mesaverde	Thirty-Fourth**	12/1/98**
Dakota	Seventeenth	11/1/97
Dakota "A"	Initial	7/19/93

* submitted on November 8, 1999, waiting on approval

** submitted on December 1, 1999, waiting on approval

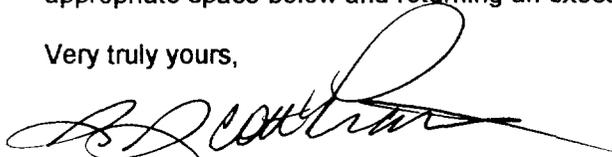
Pursuant to Section 10 of the San Juan 30-5 Unit Agreement, Phillips, as Unit Operator hereby submits the following wells for the 2000 POD:

<u>Well Name</u>	<u>Dedicated Acreage</u>	<u>Formation</u>	<u>Operation</u>
San Juan 30-5 Unit #21A	W/2(MV&DK) Section 24-30N-5W	Mesaverde/Dakota	Drill
San Juan 30-5 Unit #48M	E/2(MV&DK) Section 20-30N-5w	Mesaverde/Dakota	Drill
San Juan 30-5 Unit #51M	E/2(MV&DK) Section 21-30N-5W	Mesaverde/Dakota	Drill
San Juan 30-5 Unit #104E	E/2(MV&DK) Section 13-30N-5W	Mesaverde/Dakota	Drill
San Juan 30-5 Unit #113	W/2(MV&DK) Section 11-30N-5W	Mesaverde/Dakota	Drill
San Juan 30-5 Unit #213R	E/2 Section 5-30N-5W	Fruitland Coal	Drill
San Juan 30-5 Unit #220R	W/2 Section 8-30N-5W	Fruitland Coal	Drill
San Juan 30-5 Unit #231R	E/2 Section 4-30N-5W	Fruitland Coal	Drill
San Juan 30-5 Unit #265	E/2 Section 10-30N-5W	Fruitland Coal	Drill
San Juan 30-5 Unit #266	W/2 Section 10-30N-5W	Fruitland Coal	Drill

The San Juan 30-5 Unit working interest owners have been contacted with respect to this POD and are being provided with a copy of this letter. Phillips, as Unit Operator, will drill any wells that may be required to prevent drainage or any other wells deemed necessary or requested by the Unit working interest owners under the terms and provisions of the Unit Operating Agreement.

Per Section 10 of the Unit Agreement, please confirm your approval of this POD by signing in the appropriate space below and returning an executed copy to my attention.

Very truly yours,



S. Scott Prather, CPL
 Senior Landman
 San Juan Area
 (505) 599-3410

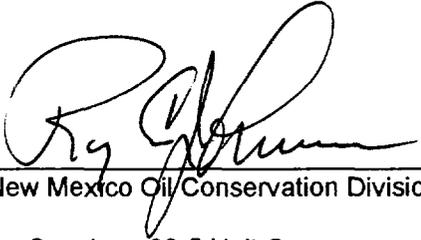
**SAN JUAN 30-5 UNIT #14-08-001-346
2000 INITIAL PLAN OF DEVELOPMENT**

Bureau of Land Management

Date

New Mexico Commissioner of Public Lands

Date



New Mexico Oil Conservation Division

12/27/99
Date

cc: San Juan 30-5 Unit Owners
J. L. Mathis (r) C40454
W. D. Jaap (r) local supervisors

**SAN JUAN 30-5 UNIT
FRUITLAND PARTICIPATING AREA OWNERS**

AMOCO PRODUCTION COMPANY

BURLINGTON RESOURCES OIL & GAS COMPANY

DEVON ENERGY CORPORATION (NEVADA)

FOUR STAR OIL & GAS COMPANY

H. O. & T. K. POOL TRUST c/o WELLS FARGO BANK N. A.

LANGDON D HARRISON TRUST

MAR OIL & GAS CORPORATION

PHILLIPS-NEW MEXICO PARTNERS, L. P.

PHILLIPS-SAN JUAN LTD PARTNERS

ROBERT TINNIN

RUTH ZIMMERMAN TRUST

SAN JUAN BASIN PARTNERSHIP

THOMAS A & MARY E DUGAN

WILLIAMS PRODUCTION COMPANY

**SAN JUAN 30-5 UNIT
MESAVERDE/DAKOTA WORKING INTEREST OWNERS**

AMOCO PRODUCTION COMPANY

BURLINGTON RESOURCES OIL & GAS COMPANY

EJE BROWN COMPANY

FOUR STAR OIL & GAS

KATHLEEN QUINN

DEVON ENERGY CORPORATION~(NEVADA)

LANGDON D. HARRISON TRUST

MAR OIL & GAS CORPORATION

PHILLIPS PETROLEUM COMPANY

ROBERT TINNIN

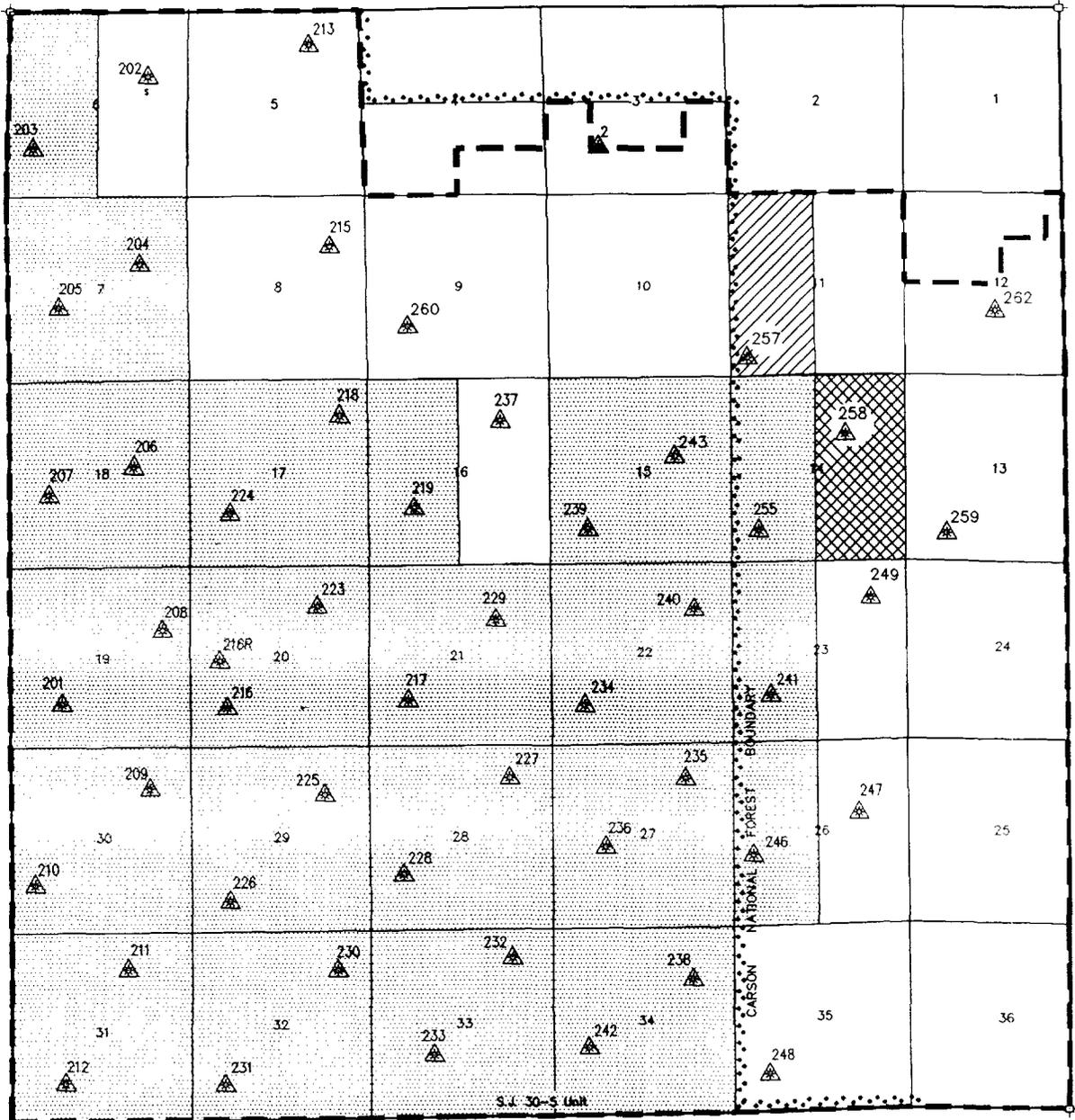
RUTH ZIMMERMAN TRUST

THOMAS A & MARY E DUGAN

WELLS FARGO BANK

WILLIAMS PRODUCTION COMPANY

R-5-W



T
30
N



Existing Fruitland Coal
Formation Participating Area



22nd. Expansion - Fruitland Coal
Formation Participating Area
Effective 10-1-97



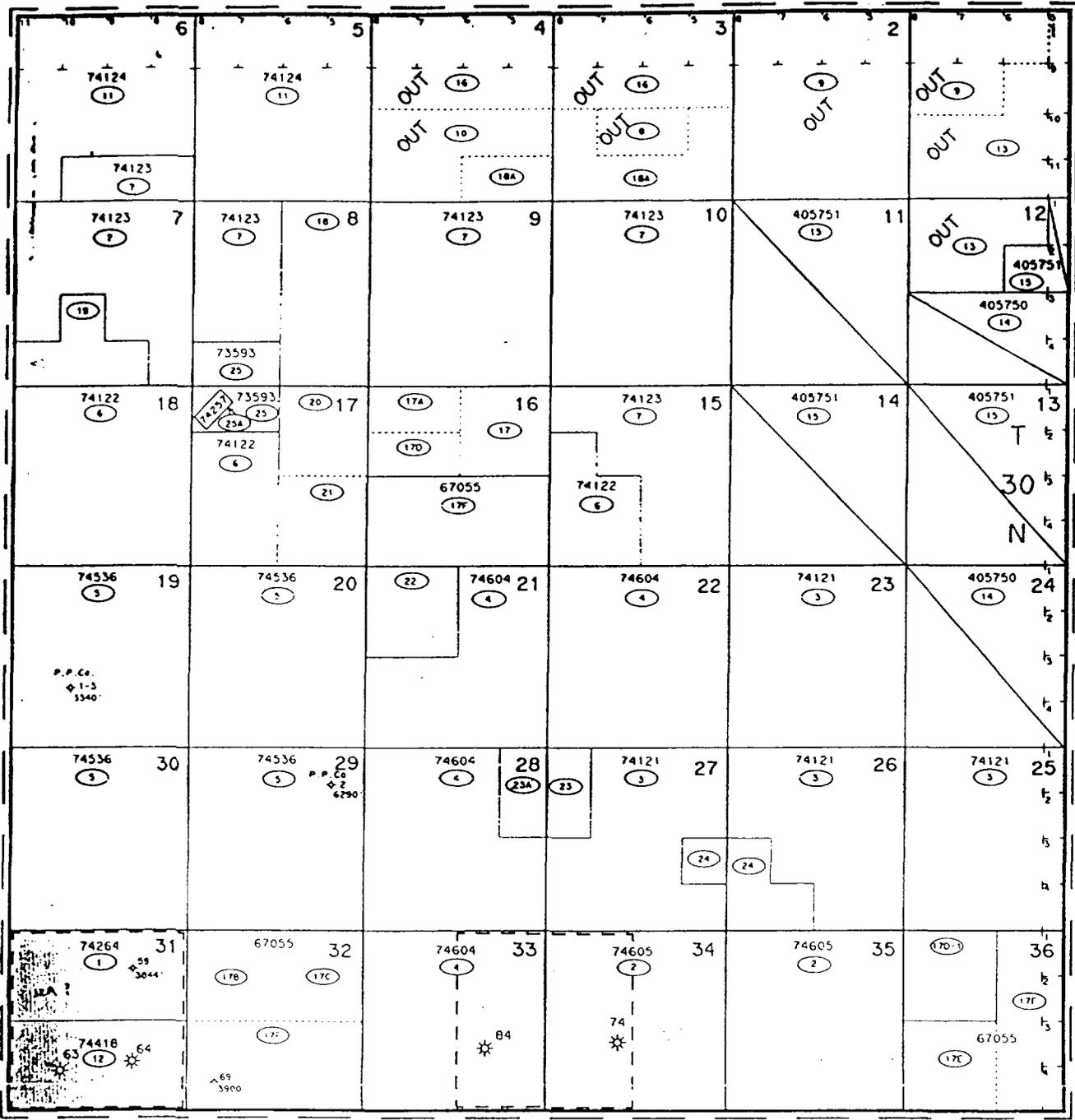
23rd. Expansion - Fruitland Coal
Formation Participating Area
Effective 11-1-97

PHILLIPS PETR. CO.

SAN JUAN 30-5 UNIT
RIO ARRIBA CO, NM

April 1, 1999

J. Hopkins



SAN JUAN 30-5 (PICTURED CLIFFS)

PPCo. - Operator

Pictured Cliffs Participating Area 11 2601
3rd Expansion Effective 11-1-62

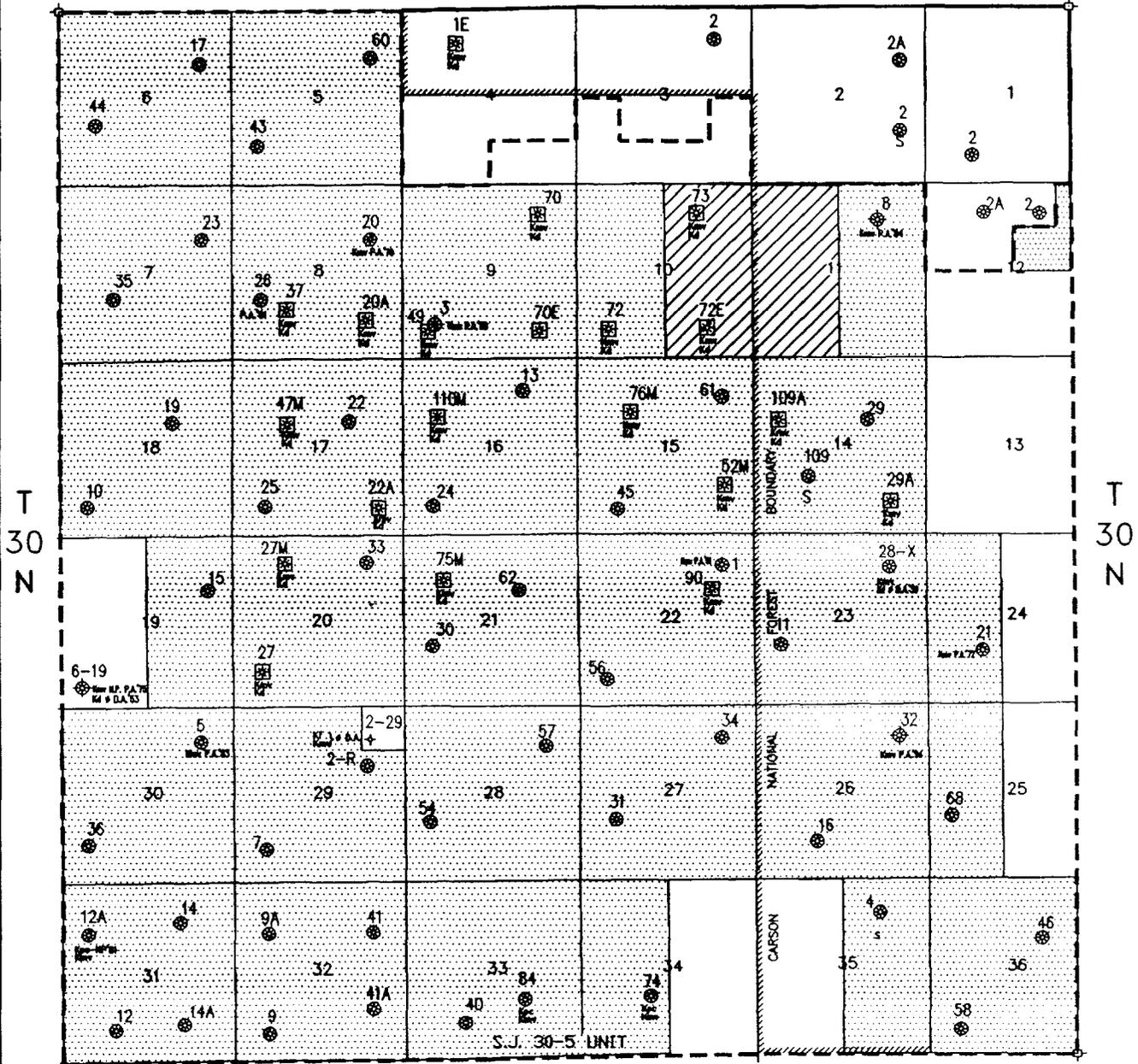
UNIT BOUNDARY (20.092 24 Ac.)
Effective 11-7-52

OUT Acreage Automatically Eliminated From Unit 5-20-58

GOVERNADOR &
BLANCO FIELD
(PICTURED CLIFFS)
RIO ARRIBA CO., NM
Scale: 1" = 3000'

Plot #
30039023

R - 5 - W



T 30 N

T 30 N

R - 5 - W

PRODUCING INTERVAL

MESAVERDE Key {

 Each ME, FA, M, S, X, W, E, O, Z, R, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z

 GLYPHIC

 MESSAGE

 POINT LOGOUT



MESAVERDE PARTICIPATING AREA



PROPOSED 34TH EXPANSION MESAVERDE PARTICIPATING AREA EFFECTIVE 12-1-'98

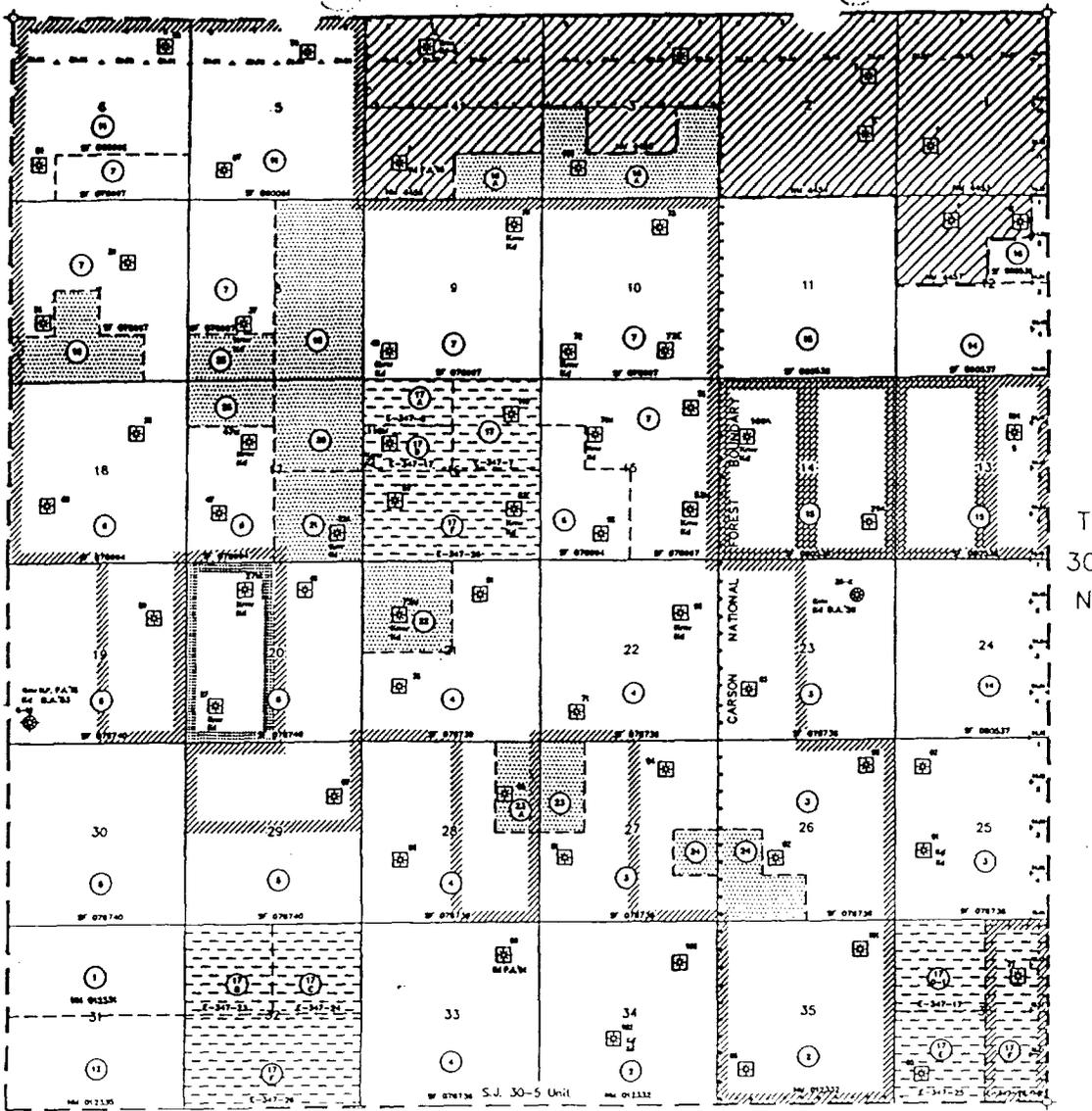
PHILLIPS PETR. CO.

SAN JUAN 30-5 UNIT

Rio Arriba County, New Mexico

SHOWING MESAVERDE DEVELOPMENT

REVISED 12-12-'99 BY HMS



T
30
N

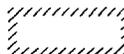
EXHIBIT "A"
SAN JUAN 30-5 UNIT
RIO ARRIBA CO. NEW MEXICO

SCALE: 1" = 3000'

AUTOMATIC ELIMINATION MAY 20-1958

	ACREAGE	PERCENT
FEDERAL LANDS	18,841.04	84.03001
STATE LANDS	1,820.76	8.12049
PATENTED LANDS	1,760.00	7.84950
TOTAL	22,421.80	100.00000

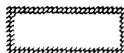
☐ = DAKOTA WELLS



DAKOTA PARTICIPATING AREA



PROPOSED 16TH. EXPANSION, DAKOTA PARTICIPATING AREA, EFF. 11-1-97



PROPOSED 17TH. EXPANSION, DAKOTA PARTICIPATING AREA, EFF. 11-1-97



PHILLIPS PETROLEUM COMPANY

FARMINGTON, NEW MEXICO 87401
5525 HWY. 64 NBU 3004

20

April 16, 1999

Bureau of Land Management (3 copies)
Farmington Resource Area
1235 La Plata Highway
Farmington, NM 87401

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

Oil Conservation Division (2 copies)
State of New Mexico
Attn: Ms. Lori Wrottenberry
2040 South Pacheco
Santa Fe, New Mexico 87505

**RE: SAN JUAN 30-5 UNIT
#14-08-001-346
RIO ARRIBA COUNTY, NEW MEXICO
FIRST AMENDED 1999 PLAN OF DEVELOPMENT
CONTRACT C40454**

Ladies and Gentlemen:

By letter dated January 12, 1999, Phillips Petroleum Company (Phillips), as Unit Operator, filed the 1999 Initial Plan of Development (POD).

It is now proposed that the POD be amended to include the addition of one (1) new wells to be drilled which was not originally included in the Initial POD. Phillips has notified all working interest owners in accordance with the terms and provisions of the Unit Operating Agreement.

The proposed wells to be added is as follows:

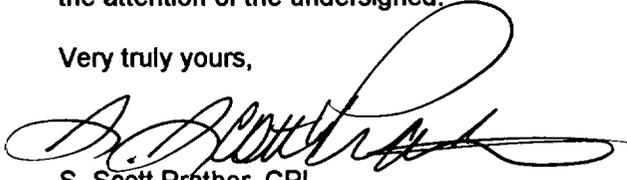
<u>Well Name</u>	<u>Location</u>	<u>Formation</u>	<u>Operation</u>
San Juan 30-5 Unit #220R	W/2 Section 8-30N-5W	Fruitland	Drill

The Fruitland drillblock for the #220R well is owned 71.75%-Phillips, 28.25%-Williams Production Company and is not located within the Fruitland PA.

Phillips Petroleum Company as Unit Operator will drill any wells that may be required to prevent drainage and any other wells deemed necessary or requested by the Unit Working Interest Owners under the terms of the Unit Operating Agreement.

Per Section 10 of the San Juan 30-5 Unit Agreement, please confirm your approval of this First Amendment to the POD by executing in the appropriate space and returning one (1) copy of the letter to the attention of the undersigned.

Very truly yours,

A handwritten signature in black ink, appearing to read 'S. Scott Prather', with a large, stylized flourish extending to the right.

S. Scott Prather, CPL
Senior Landman
San Juan Basin
(505) 599-3410

cc: J. L. Mathis (r) C40454
San Juan 30-5 Unit Owners

**SAN JUAN 30-5 UNIT #14-08-001-346
FIRST AMENDED 1998 INITIAL PLAN OF DEVELOPMENT**

Bureau of Land Management

Date

New Mexico
Commissioner of Public Lands

Date



New Mexico
Oil Conservation Division

4/20/99

Date

cc: San Juan 30-5 Unit Owners
J. L. Mathis (r) C40454
W. D. Jaap (r) local Supervisors

**SAN JUAN 30-5 UNIT
FRUITLAND PARTICIPATING AREA OWNERS**

AMOCO PRODUCTION COMPANY

BURLINGTON RESOURCES OIL & GAS COMPANY

DEVON ENERGY CORPORATION (NEVADA)

EJE BROWN COMPANY

FOUR STAR OIL & GAS COMPANY

H. O. & T. K. POOL TRUST c/o WELLS FARGO BANK N. A.

KATHLEEN QUINN

MAR OIL & GAS CORPORATION

PHILLIPS-NEW MEXICO PARTNERS, L. P.

PHILLIPS-SAN JUAN LTD PARTNERS

ROBERT TINNIN

RUTH ZIMMERMAN TRUST

SAN JUAN BASIN PARTNERSHIP

THOMAS A & MARY E DUGAN

WILLIAMS PRODUCTION COMPANY



PHILLIPS PETROLEUM COMPANY

FARMINGTON, NEW MEXICO 87401
5525 HWY. 64 NBU 3004

January 12, 1999

Bureau of Land Management (3 copies)
Farmington Resource Area
1235 La Plata Highway
Farmington, NM 87401

Commissioner of Public Lands (2 copies)
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico

Oil Conservation Division (2 copies)
State of New Mexico
2040 South Pacheco
Santa Fe, New Mexico 87505

RE: **SAN JUAN 30-5 UNIT**
#14-08-001-346
RIO ARRIBA COUNTY, NEW MEXICO
1999 PLAN OF DEVELOPMENT
G. F. 5397

Gentlemen:

By letter dated January 28, 1998, Phillips Petroleum Company (Phillips) as Unit Operator filed the 1998 Plan of Development (POD) which was amended by Phillips letters of September 2 and September 30, 1998. The POD indicated nine (9) wells were planned for 1998 and the amendments in September listed 5 proposed wells. The 1998 status is shown below.

1. Attached are maps for each participating area.
2. The following wells were drilled in 1998.

<u>Well Name</u>	<u>Location</u>	<u>Formation</u>
San Juan 30-5 Unit #243	E/2 Section 15-30N-5W	Fruitland Coal
San Juan 30-5 Unit #249	E/2 Section 23-30N-5W	Fruitland Coal
San Juan 30-5 Unit #259	W/2 Section 13-30N-5W	Fruitland Coal
San Juan 30-5 Unit #260	W/2 Section 9-30N-5W	Fruitland Coal
San Juan 30-5 Unit #262	W/2 Section 12-30N-5W	Fruitland Coal
San Juan 30-5 Unit #263	E/2 Section 13-30N-5W	Fruitland Coal

The #243 well was drilled on an IDB and all other wells were drilled on a drillblock basis. The #262 and #263 were drilled, but completion and setting of surface equipment were not accomplished due to Forest Service seasonal restrictions and will be done in the Spring. The #220 and #261 wells listed in the Initial 1998 POD were not drilled and will be carried into 1999. The #20A, #70E, #71M and #83M wells listed in the Second Amendment of 9/30/98 were not drilled and will be carried into 1999.

1999 PLAN OF DEVELOPMENT
 SAN JUAN 30-5 UNIT
 PAGE 2

3. The following wells were recompleted in 1998.

<u>Well Name</u>	<u>Location</u>	<u>Formation</u>
San Juan 30-5 Unit #70	NE/4 Section 9-30N-5W	Mesaverde
San Juan 30-5 Unit #73	NE/4 Section 10-30N-5W	Mesaverde

4. The following wells were downhole commingled in 1998.

<u>Well Name</u>	<u>Location</u>	<u>Formation</u>
San Juan 30-5 Unit #70	NE/4 Section 9-30N-5W	Dakota/Mesaverde
San Juan 30-5 Unit #73	NE/4 Section 10-30N-5W	Dakota/Mesaverde
San Juan 30-5 Unit #76M	NW/4 Section 15-30N-5W	Dakota/Mesaverde

1998 Summary-There were six (6) Fruitland Coal wells drilled. Two (2) existing Dakota wells were recompleted in the Mesaverde and downhole commingled and one (1) existing Dakota/Mesaverde dual well was downhole commingled. There was one (1) expansion of the Mesaverde Participating Area (33rd)* and two (2) expansions of the Dakota Participating Area (16th & 17th)**. All recompletion and/or downhole commingle operations were conducted in accordance to existing regulatory parameters.

*submitted on December 8, 1998, waiting on approval
 **submitted on November 24, 1998, waiting on approval

The Participating Areas which have been established in the San Juan 30-5 Unit are:

<u>Formation</u>	<u>Revision</u>	<u>Effective</u>
Fruitland Coal	Twenty-First	9/1/95
Pictured Cliffs	Third	11/1/82
Mesaverde	Thirty-Third*	7/1/97*
Dakota	Seventeenth**	11/1/97**
Dakota "A"	Initial	7/19/93

*submitted on December 8, 1998, waiting on approval
 **submitted on November 24, 1998, waiting on approval

Pursuant to Section 10 of the San Juan 30-5 Unit Agreement, Phillips, as Unit Operator hereby submits the following wells for the 1999 POD:

<u>Well Name</u>	<u>Location</u>	<u>Formation</u>	<u>Operation</u>
San Juan 30-5 Unit #20A	SE/4 Section 8-30N-5W	Mesaverde/Dakota	Drill
San Juan 30-5 Unit #70E	SE/4 Section 9-30N-5W	Mesaverde/Dakota	Drill
San Juan 30-5 Unit #71M	NW/4 Section 22-30N-5W	Mesaverde/Dakota	Drill
San Juan 30-5 Unit #83M	NW/4 Section 23-30N-5W	Mesaverde/Dakota	Drill
San Juan 30-5 Unit #111	SW/4 Section 13-30N-5W	Mesaverde/Dakota	Drill
San Juan 30-5 Unit #112	SW/4 Section 12-30N-5W	Mesaverde/Dakota	Drill
San Juan 30-5 Unit #213R	NE/4 Section 5-30N-5W	Mesaverde/Dakota	Drill
San Juan 30-5 Unit #220	SW/4 Section 8-30N-5W	Mesaverde/Dakota	Drill
San Juan 30-5 Unit #231R	NE/4 Section 32-30N-5W	Mesaverde/Dakota	Drill
San Juan 30-5 Unit #232R	NE/4 Section 33-30N-5W	Mesaverde/Dakota	Drill
San Juan 30-5 Unit #261	NE/4 Section 11-30N-5W	Mesaverde/Dakota	Drill
San Juan 30-5 Unit #264	NE/4 Section 9-30N-5W	Mesaverde/Dakota	Drill

1999 PLAN OF DEVELOPMENT
SAN JUAN 30-5 UNIT
PAGE 3

The San Juan 30-5 Unit working interest owners have been contacted with respect to this POD and are being provided with a copy of this letter. Phillips, as Unit Operator, will drill any wells that may be required to prevent drainage and any other wells deemed necessary or requested by the Unit working interest owners under the terms and provisions of the Unit Operating Agreement.

Per Section 10 of the Unit Agreement, please confirm your approval of this POD by signing in the appropriate space below and returning an executed copy to my attention.

Very truly yours,

A handwritten signature in black ink, appearing to read 'S. Scott Prather', with a long horizontal flourish extending to the right.

S. Scott Prather, CPL
Senior Landman
San Juan Basin
(505) 599-3410

**SAN JUAN 30-5 UNIT #14-08-001-346
1999 INITIAL PLAN OF DEVELOPMENT**

Bureau of Land Management

Date

New Mexico
Commissioner of Public Lands

Date



New Mexico
Oil Conservation Division

1/19/99
Date

cc: San Juan 30-5 Unit Owners
J. L. Mathis (r) G. F.5397
W. D. Jaap (r) local supervisors

**SAN JUAN 30-5 UNIT
MESAVERDE WORKING INTEREST OWNERS**

BURLINGTON RESOURCES OIL & GAS COMPANY

EJE BROWN COMPANY

FOUR STAR OIL & GAS

KATHLEEN QUINN

DEVON ENERGY CORPORATION~(NEVADA)

LANGDON D. HARRISON TRUST

MAR OIL & GAS CORPORATION

PHILLIPS PETROLEUM COMPANY

ROBERT TINNIN

RUTH ZIMMERMAN TRUST

THOMAS A & MARY E DUGAN

WELLS FARGO BANK

WILLIAMS PRODUCTION COMPANY

**SAN JUAN 30-5
DAKOTA PARTICIPATING AREA OWNERS**

AMOCO PRODUCTION COMPANY

BURLINGTON RESOURCES OIL & GAS COMPANY

PHILLIPS-NEW MEXICO PARTNERS, L. P.

**SAN JUAN 30-5 UNIT
FRUITLAND OWNERS**

AMOCO PRODUCTION COMPANY

BURLINGTON RESOURCES OIL & GAS COMPANY

DEVON ENERGY CORPORATION (NEVADA)

EJE BROWN COMPANY

FOUR STAR OIL & GAS COMPANY

H. O. & T. K. POOL TRUST~WELLS FARGO

MAR OIL & GAS CORPORATION

PHILLIPS-NEW MEXICO PARTNERS, L. P.

PHILLIPS-SAN JUAN LTD PARTNERS

ROBERT TINNIN

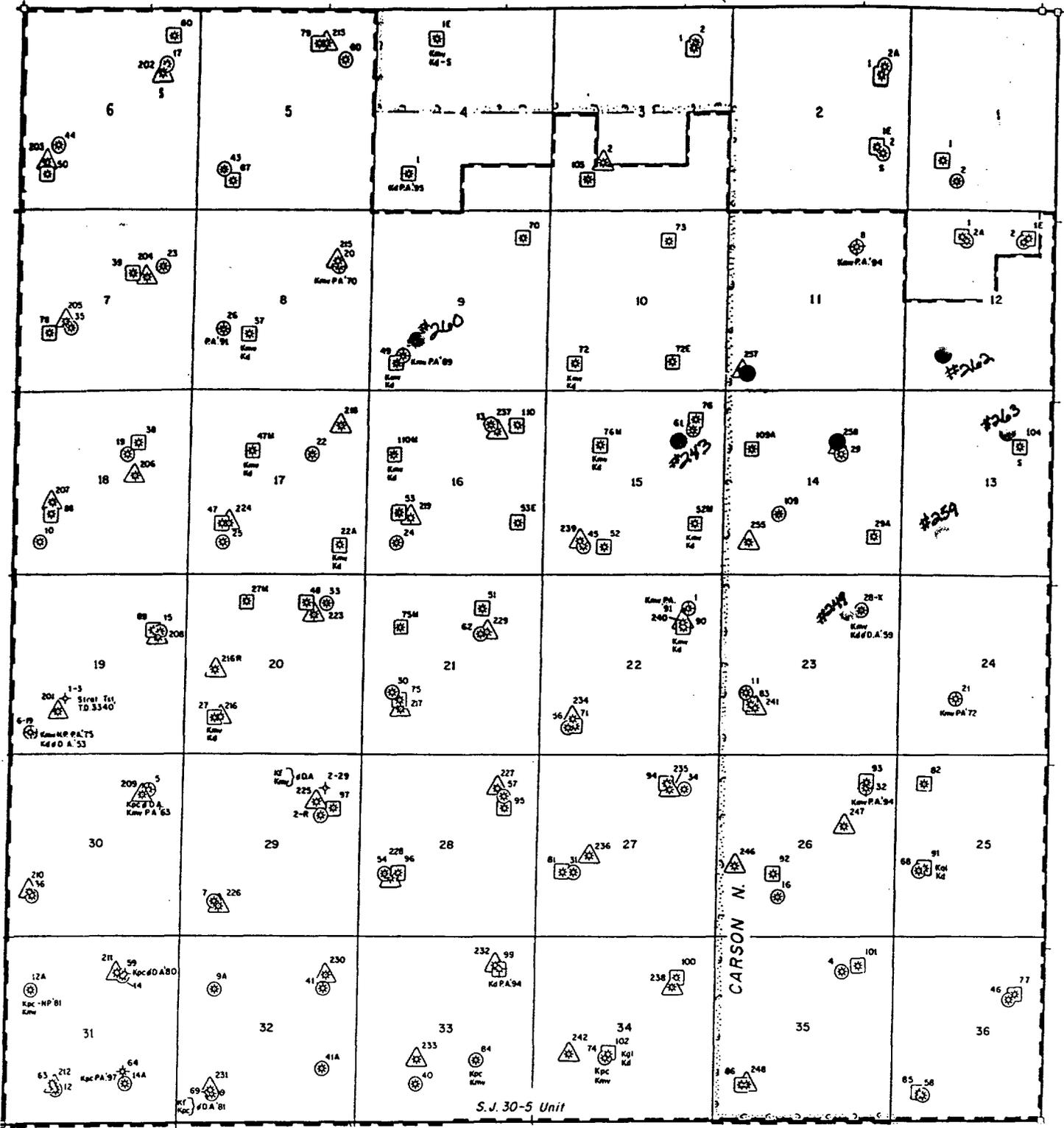
RUTH ZIMMERMAN TRUST

SAN JUAN BASIN PARTNERSHIP

SUNWEST BANK OF ALBQ NA
~AGENT FOR KATHLEEN QUINN

THOMAS A & MARY E DUGAN

WILLIAMS PRODUCTION COMPANY



T
30
N

S.J. 30-5 Unit

PRODUCING INTERVAL

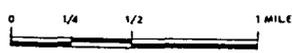
- | | | | |
|-----|-----------------|-----|---|
| KfM | FARMINGTON | KfM | |
| Ka | KIRTLAND | Ka | |
| △ | FRUITLAND | Kf | |
| ☆ | PICTURED CLIFFS | Kpc | |
| ⊙ | CHACRA | Kc | |
| ⊕ | LA VENTANA | Klv | |
| ⊗ | MESAVERDE | Kmv | { Kch CLIFFHOUSE
Km MENEFEE
Kpl POINT LOOKOUT |
| ◇ | GALLUP | Kgl | |
| ⊠ | DAKOTA | Kd | { K1 TOCITO
Kgh GREENHORN |



PHILLIPS PETROLEUM COMPANY
FARMINGTON AREA

S. J. 30-5 UNIT
Rio Arriba County, New Mexico

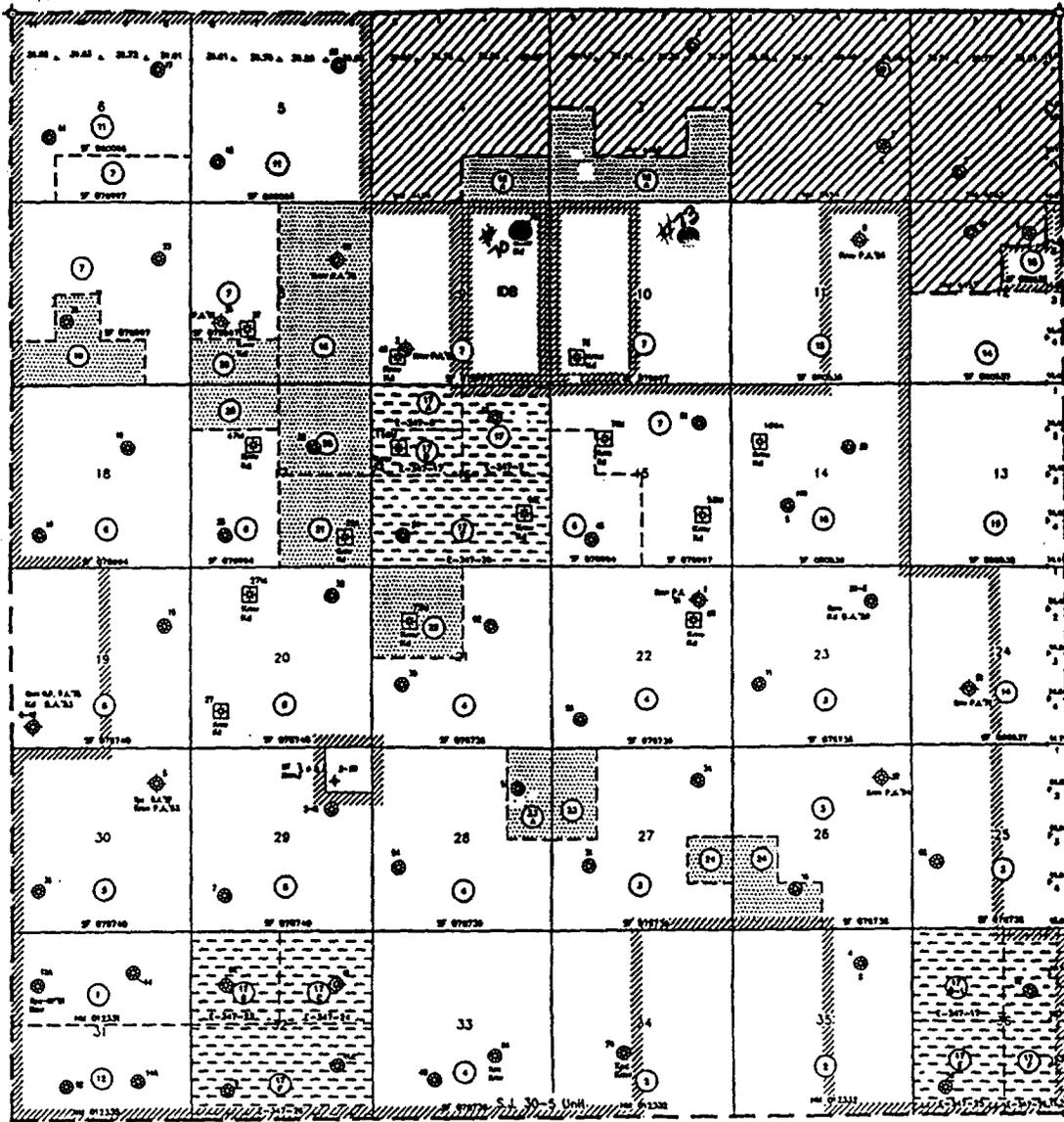
FRUITLAND PA



SCALE

JANUARY 26, 1998

R-5-W



T
30
N

EXHIBIT "A"
SAN JUAN 30-5 UNIT
RIO ARRIBA CO., NEW MEXICO

	ACREAGE	PERCENT
FEDERAL LANDS	18,841.04	84.03001
STATE LANDS	1,820.78	8.12049
PATENTED LANDS	1,760.00	7.84950
TOTAL	22,421.80	100.00000

SCALE: 1" = 3000'

● MESAVERDE WELLS



AUTOMATIC ELIMINATION MAY 20-1958



MESAVERDE PARTICIPATING AREA



PROPOSED 33RD EXPANSION, MESAVERDE PARTICIPATING AREA, EFF. JULY 1, 1997

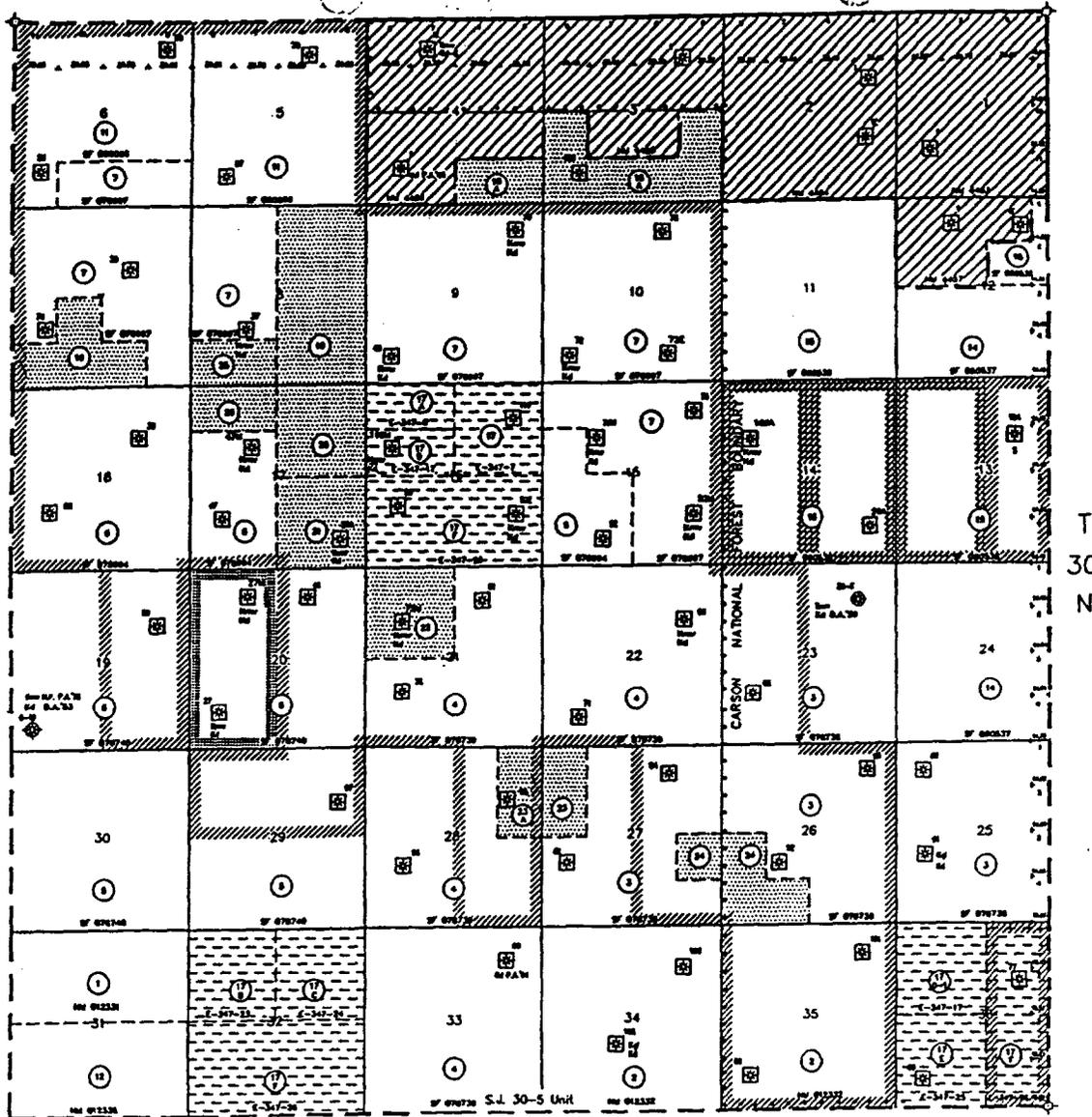


EXHIBIT "A"
 SAN JUAN 30-5 UNIT
 RIO ARRIBA CO. NEW MEXICO

SCALE: 1" = 3000'

	ACREAGE	PERCENT
FEDERAL LANDS	18,841.04	84.03001
STATE LANDS	1,820.76	8.12049
PATENTED LANDS	1,760.00	7.84950
TOTAL	22,421.80	100.00000

☒ = DAKOTA WELLS



AUTOMATIC ELIMINATION MAY 20-1958



DAKOTA PARTICIPATING AREA



PROPOSED 16TH. EXPANSION, DAKOTA PARTICIPATING AREA, EFF. 11-1-97



PROPOSED 17TH. EXPANSION, DAKOTA PARTICIPATING AREA, EFF. 11-1-97



COMMERCIAL RESOURCES
(505)-827-5724

SURFACE RESOURCES
(505)-827-5795

MINERAL RESOURCES
(505)-827-5744

ROYALTY
(505)-827-5772

State of New Mexico
Commissioner of Public Lands
Ray Powell, M.S., D.V.M.
310 Old Santa Fe Trail, P. O. Box 1148
Santa Fe, New Mexico 87504-1148
Phone (505)-827-5760, Fax (505)-827-5766

PUBLIC AFFAIRS
(505)-827-5765

ADMINISTRATIVE MGMT.
(505)-827-5700

LEGAL
(505)-827-5715

PLANNING
(505)-827-5752

January 29, 1999

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

Attn: Mr. S. Scott Prather

Re: 1998 Plan of Development
San Juan 30-5 Unit
First Amendment
Rio Arriba County, New Mexico

Dear Mr. Prather:

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

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

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

Very truly yours,

RAY POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

A handwritten signature in cursive script, appearing to read "Jami Bailey".

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

RP/JB/cpm
xc: Reader File

OCD

BLM



PHILLIPS PETROLEUM COMPANY

FARMINGTON, NEW MEXICO 87401
5525 HWY. 64 NBU 3004

September 30, 1998

007 - 2

Bureau of Land Management (3 copies)
Farmington Resource Area
1235 La Plata Highway
Farmington, New Mexico

Commissioner of Public Lands (2 copies)
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87501-1148

Oil Conservation Division (2 copies)
State of New Mexico
2040 South Pacheco
Santa Fe, New Mexico 87505

**RE: SAN JUAN 30-5 UNIT
#14-08-001-346
RIO ARRIBA COUNTY, NEW MEXICO
SECOND AMENDED 1998 PLAN OF DEVELOPMENT
G. F. 5397**

Ladies and Gentlemen:

By letter dated January 28, 1998, Phillips Petroleum Company (Phillips), as Unit Operator filed the 1998 Initial Plan of Development (POD). By letter dated September 2, 1998, the First Amended POD was filed.

It is now proposed that the POD be amended to include the addition of four (4) new wells to be drilled, which were not originally included in the Initial POD. Phillips has contacted all working interest owners in accordance with the terms and provisions of the Unit Operating Agreement.

The proposed wells to be drilled are as follows:

<u>Well Name</u>	<u>Location</u>	<u>Formation</u>	<u>Operation</u>
San Juan 30-5 Unit #20A	SE/4 Sec. 8-30N-5W	Mesaverde/ Dakota	Drill
San Juan 30-5 Unit #70E	SE/4 Sec. 9-30N-5W	Mesaverde/ Dakota	Drill
San Juan 30-5 Unit #71M	NW/4 Sec. 22-30N-5W	Mesaverde/ Dakota	Drill
San Juan 30-5 Unit #83M	NW/4 Sec. 23-30N-5W	Mesaverde/ Dakota	Drill

The #20A, #71M & #83M are all located within the Mesaverde PA. The Mesaverde drillblock for the #70E is owned 82%-Phillips Petroleum Company and 18%-Williams Production Company. All of these wells are located within the Dakota PA.

SAN JUAN 30-5 UNIT
#14-08-001-346
SECOND AMENDED 1998 PLAN OF DEVELOPMENT
SEPTEMBER 30, 1998
PAGE 2

Phillips, as Unit Operator will drill any wells that may be required to prevent drainage and any other wells deemed necessary or requested by the Unit Working Interest Owners under the terms and provisions of the Unit Operating Agreement.

Per Section 10 of the San Juan 30-5 Unit Agreement, please confirm your approval of this Second Amendment to the POD by executing in the appropriate space and returning one (1) copy of this letter to my attention.

Respectfully,

A handwritten signature in black ink, appearing to read "S. Scott Prather", with a long horizontal flourish extending to the right.

S. Scott Prather, CPL
Senior Landman
San Juan Basin
(505) 599-3410

**SAN JUAN 30-5 UNIT #14-08-001-346
SECOND AMENDED 1998 INITIAL PLAN OF DEVELOPMENT**

BUREAU OF LAND MANAGEMENT

DATE

NEW MEXICO
COMMISSIONER OF PUBLIC LANDS

DATE



NEW MEXICO
OIL CONSERVATION DIVISION

DATE

10/5/98

cc: San Juan 30-5 Unit Owners
J. L. Mathis (r) G. F. 5397
W. D. Jaap (r) local Supervisors

**SAN JUAN 30-5 UNIT
WORKING INTEREST OWNERS**

AMOCO PRODUCTION COMPANY

BURLINGTON RESOURCES OIL & GAS COMPANY

EJE BROWN COMPANY

FOUR STAR OIL & GAS

KATHLEEN QUINN

DEVON ENERGY CORPORATION~(NEVADA)

LANGDON D. HARRISON TRUST

MAR OIL & GAS CORPORATION

PHILLIPS PETROLEUM COMPANY

PHILLIPS-NEW MEXICO PARTNERS, L. P.

ROBERT TINNIN

RUTH ZIMMERMAN TRUST

THOMAS A & MARY E DUGAN

WELLS FARGO BANK

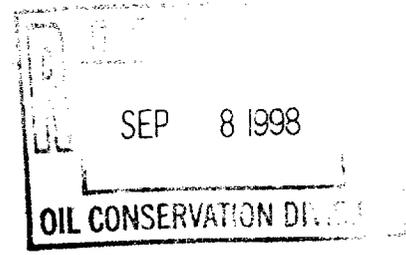
WILLIAMS PRODUCTION COMPANY



PHILLIPS PETROLEUM COMPANY

FARMINGTON, NEW MEXICO 87401
5525 HWY. 64 NBU 3004

#417



September 2, 1998

Bureau of Land Management (3 copies) Z 186 725 926
Farmington Resource Area
1235 La Plata Highway
Farmington, New Mexico 87401

Commissioner of Public Lands (2 copies) Z 186 725 924
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87501-1148

Oil Conservation Division (2 copies) Z 186 725 925
State of New Mexico
2040 South Pacheco
Santa Fe, New Mexico 87505

**RE: SAN JUAN 30-5 UNIT
#14-08-001-346
RIO ARRIBA COUNTY, NEW MEXICO
FIRST AMENDED 1998 PLAN OF DEVELOPMENT
G. F. 5397**

Ladies & Gentlemen:

By letter dated January 28, 1998, Phillips Petroleum Company (Phillips), as Unit Operator, filed the 1998 Initial Plan of Development (POD).

It is now proposed that the POD be amended to include the addition of one (1) new well to be drilled, which was not originally included in the Initial POD. Phillips has contacted all working interest owners in accordance with the terms and provisions of the Unit Operating Agreement.

The proposed well to be drilled is as follows:

<u>Well Name</u>	<u>Location</u>	<u>Formation</u>	<u>Operation</u>
San Juan 30-5 Unit #249	E/2 Section 23-30N-5W	Fruitland	Drill

The Fruitland drillblock for the #249 well is owned as follows:

<u>Well No.</u>	<u>Owner</u>	<u>Interest</u>
249	Phillips Petroleum Company	82.00%
	Williams Production Company	18.00%

This drillblock is not currently located within the Fruitland PA.

San Juan 30-5 Unit
First Amended 1998 Plan of Development
G. F. 5397
September 2, 1998
Page 2

Phillips Petroleum Company, as Unit Operator, will drill any wells that may be required to prevent drainage and any other wells deemed necessary or requested by the Unit Working Interest Owners under the terms and provisions of the Unit Operating Agreement.

Per Section 10 of the San Juan 30-5 Unit Agreement, please confirm your approval of this Third Amendment to the POD by executing in the appropriate space and returning one copy of this letter to my attention.

Respectfully,

A handwritten signature in black ink, appearing to read "S. Scott Prather", written over a horizontal line.

S. Scott Prather, CPL
Senior Landman
San Juan Basin
(505) 599-3410

**SAN JUAN 30-5 UNIT #14-08-001-346
FIRST AMENDED 1998 INITIAL PLAN OF DEVELOPMENT**

Bureau of Land Management

Date

New Mexico
Commissioner of Public Lands

Date



New Mexico
Oil Conservation Division

9/2/98

Date

cc: San Juan 30-5 Unit Owners
J. L. Mathis (r) G. F. 5397
W. D. Jaap (r) local Supervisors

**SAN JUAN 30-5 UNIT
FRUITLAND OWNERS**

AMOCO PRODUCTION COMPANY

BURLINGTON RESOURCES OIL & GAS COMPANY

DEVON ENERGY CORPORATION (NEVADA)

EJE BROWN COMPANY

FOUR STAR OIL & GAS COMPANY

H. O. & T. K. POOL TRUST~WELLS FARGO

MAR OIL & GAS CORPORATION

PHILLIPS-NEW MEXICO PARTNERS, L. P.

PHILLIPS-SAN JUAN LTD PARTNERS

ROBERT TINNIN

RUTH ZIMMERMAN TRUST

SAN JUAN BASIN PARTNERSHIP

SUNWEST BANK OF ALBQ NA
~AGENT FOR KATHLEEN QUINN

THOMAS A & MARY E DUGAN

WILLIAMS PRODUCTION COMPANY



COMMERCIAL RESOURCES
(505)-827-5724

SURFACE RESOURCES
(505)-827-5795

MINERAL RESOURCES
(505)-827-5744

ROYALTY
(505)-827-5772

State of New Mexico
Commissioner of Public Lands

Ray Powell, M.S., D.V.M.
310 Old Santa Fe Trail, P. O. Box 1148
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(505)-827-5765

ADMINISTRATIVE MGMT.
(505)-827-5700

LEGAL
(505)-827-5715

PLANNING
(505)-827-5752

May 11, 1998

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

Attn: Mr. S. Scott Prather

Re: 1998 Plan of Development
San Juan 30-5 Unit
Rio Arriba County, New Mexico

Dear Mr. Prather:

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

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

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

Very truly yours,

RAY POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

BY: *F.R. Anthony H. Neal*
JAMI BAILEY, Director
Oil, Gas and Minerals Division
(505) 827-5744

RP/JB/cpm
pc: Reader File

OCD

BLM

417



PHILLIPS PETROLEUM COMPANY

FARMINGTON, NEW MEXICO 87401
5525 HWY. 64 NBU 3004

January 28, 1998

Bureau of Land Management (3 copies)
Farmington Resource Area
1235 La Plata Highway
Farmington, New Mexico 87401

Commissioner of Public Lands (2 copies)
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87501-1148

Oil Conservation Division (2 copies)
State of New Mexico
2040 South Pacheco
Santa Fe, New Mexico 87505

**RE: SAN JUAN 30-5 UNIT
#14-08-001-346
RIO ARRIBA COUNTY, NEW MEXICO
1998 PLAN OF DEVELOPMENT
G. F. 5397**

Gentlemen:

By letter dated March 7, 1997, Phillips Petroleum Company (Phillips) as Unit Operator filed the 1997 Plan of Development (POD) which was amended by Phillips letters of May 23 and June 6, 1997. The POD indicated 15 wells were planned for 1997 and the amendments in May and June listed three proposed wells. The 1997 status is shown below.

1. Attached are maps for each Participating Area.
2. The following wells were drilled in 1997:

<u>Well Name</u>	<u>Location</u>	<u>Formation</u>
San Juan 30-5 Unit #27M	NW/4 Section 20-30N-5W	Mesaverde/Dakota
San Juan 30-5 Unit #29A	SE/4 Section 14-30N-5W	Mesaverde/Dakota
San Juan 30-5 Unit #47M	NW/4 Section 17-30N-5W	Mesaverde/Dakota
San Juan 30-5 Unit #52M	SE/4 Section 15-30N-5W	Mesaverde/Dakota
San Juan 30-5 Unit #72E	SE/4 Section 10-30N-5W	Mesaverde/Dakota
San Juan 30-5 Unit #75M	NW/4 Section 21-30N-5W	Mesaverde/Dakota
San Juan 30-5 Unit #109A	NW/4 Section 14-30N-5W	Mesaverde/Dakota
San Juan 30-5 Unit #110M	NW/4 Section 16-30N-5W	Mesaverde/Dakota
San Juan 30-5 Unit #257	W/2 Section 11-30N-5W	Fruitland
San Juan 30-5 Unit #258	E/2 Section 14-30N-5W	Fruitland

All Mesaverde completed wells except #72E and within the Mesaverde Participating Area. All Dakota completed wells except the #27M are within the Dakota Participating Area. The Mesaverde drillblock for the #72E is owned 82% - Phillips Petroleum Company and 18% - Williams Production Company. The Dakota drillblock for the #27M well is owned 100% by Burlington Resources Oil & Gas Company. The

well number for the previously proposed #24A was changed to the #110M. The #256 and #259, listed on the Initial 1997 POD were not drilled and the #259 will be carried into 1998. The #205R, listed in the Second Amendment of 6/6/97 was not drilled.

3. The following wells were recompleted in 1997:

<u>Well Name</u>	<u>Location</u>	<u>Formation</u>
San Juan 30-5 Unit #37	SW/4 Section 8-30N-5W	Mesaverde
San Juan 30-5 Unit #49	SW/4 Section 9-30N-5W	Mesaverde
San Juan 30-5 Unit #53E	SE/4 Section 16-30N-5W	Mesaverde
San Juan 30-5 Unit #72	SW/4 Section 10-30N-5W	Mesaverde
San Juan 30-5 Unit #90	NE/4 Section 22-30N-5W	Mesaverde

4. The following wells were downhole commingled in 1997:

<u>Well Name</u>	<u>Location</u>	<u>Formation</u>
San Juan 30-5 Unit #27M	NW/4 Section 20-30N-5W	Dakota/Mesaverde
San Juan 30-5 Unit #29A	SE/4 Section 14-30N-5W	Dakota/Mesaverde
San Juan 30-5 Unit #37	SW/4 Section 8-30N-5W	Dakota/Mesaverde
San Juan 30-5 Unit #47M	NW/4 Section 17-30N-5W	Dakota/Mesaverde
San Juan 30-5 Unit #49	SW/4 Section 9-30N-5W	Dakota/Mesaverde
San Juan 30-5 Unit #52M	SE/4 Section 15-30N-5W	Dakota/Mesaverde
San Juan 30-5 Unit #53E	SE/4 Section 16-30N-5W	Dakota/Mesaverde
San Juan 30-5 Unit #72	SW/4 Section 10-30N-5W	Dakota/Mesaverde
San Juan 30-5 Unit #72E	SE/4 Section 10-30N-5W	Dakota/Mesaverde
San Juan 30-5 Unit #75M	NW/4 Section 21-30N-5W	Dakota/Mesaverde
San Juan 30-5 Unit #90	NW/4 Section 22-30N-5W	Dakota/Mesaverde
San Juan 30-5 Unit 109A	NW/4 Section 14-30N-5W	Dakota/Mesaverde
San Juan 30-5 Unit #110M	NW/4 Section 16-30N-5W	Dakota/Mesaverde

1997 Summary - There were eight (8) Mesaverde/Dakota commingled wells drilled and 2 Fruitland wells drilled. Five (5) existing Dakota wells were recompleted in the Mesaverde and commingled. There was one expansion of the Fruitland Participating Area (21st) and all recompletion and/or downhole commingle operations were conducted in accordance to existing regulatory parameters.

The Participating Areas which have been established in the San Juan 30-5 Unit are:

<u>Formation</u>	<u>Revision</u>	<u>Effective</u>
Fruitland Coal	Twenty-First	9/1/95
Pictured Cliffs	Third	11/1/82
Mesaverde	Thirty-Second	10/1/85
Dakota	Fifteenth	7/1/84
Dakota "A"	Initial	7/19/73

Pursuant to Section 10 of the San Juan 30-5 Unit Agreement, Phillips, as Unit Operator hereby submits the following wells for the 1998 POD:

<u>Well Name</u>	<u>Location</u>	<u>Formation</u>	<u>Operation</u>
San Juan 30-5 Unit #220	W/2 Section 8-30N-5W	Fruitland	Drill
San Juan 30-5 Unit #243	E/2 Section 15-30N-5W	Fruitland	Drill
San Juan 30-5 Unit #259	W/2 Section 13-30N-5W	Fruitland	Drill
San Juan 30-5 Unit #260	W/2 Section 9-30N-5W	Fruitland	Drill
San Juan 30-5 Unit #261	E/2 Section 11-30N-5W	Fruitland	Drill
San Juan 30-5 Unit #262	W/2 Section 12-30N-5W	Fruitland	Drill
San Juan 30-5 Unit #263	E/2 Section 13-30N-5W	Fruitland	Drill
San Juan 30-5 Unit # 70	NE/4 Section 9-30N-5W	Mesaverde	Recomplete
San Juan 30-5 Unit # 79	NE/4 Section 10-30N-5W	Mesaverde	Recomplete

The San Juan 30-5 Unit working interest owners have been contacted with respect to this POD and are being provided with a copy of this letter. Phillips, as Unit Operator will drill any wells that may be required to prevent drainage and any other wells deemed necessary or requested by the Unit Working interest owners under the terms and provisions of the Unit Operating Agreement.

Per Section 10 of the Unit Agreement, please confirm your approval of this POD by signing in the appropriate space below and returning an executed copy to my attention.

Very truly yours,



S. Scott Prather, CPL
Senior Landman
San Juan Basin
(505) 599-3410

**SAN JUAN 30-5 UNIT #14-08-001-346
1998 INITIAL PLAN OF DEVELOPMENT**

BUREAU OF LAND MANAGEMENT

DATE

NEW MEXICO
COMMISSIONER OF PUBLIC LANDS

DATE



NEW MEXICO
OIL CONSERVATION DIVISION

1/30/98

DATE

cc: San Juan 30-5 Unit Owners
J. L. Mathis-G. F. 5397
C. D. Richard - local Supervisors

**SAN JUAN 30-5 UNIT
PARTICIPATING AREA OWNERS**

AMOCO

BURLINGTON RESOURCES OIL & GAS COMPANY

DEVON ENERGY CORPORATION (NEVADA)

EJE BROWN COMPANY

FOUR STAR OIL & GAS COMPANY

H. O. & T. K. POOL TRUST

LANGDON D. HARRISON TRUST

MAR OIL & GAS CORPORATION

PHILLIPS-NEW MEXICO PARTNERS, L. P.

PHILLIPS-SAN JUAN LTD PARTNERS

ROBERT TINNIN

RUTH ZIMMERMAN TRUST

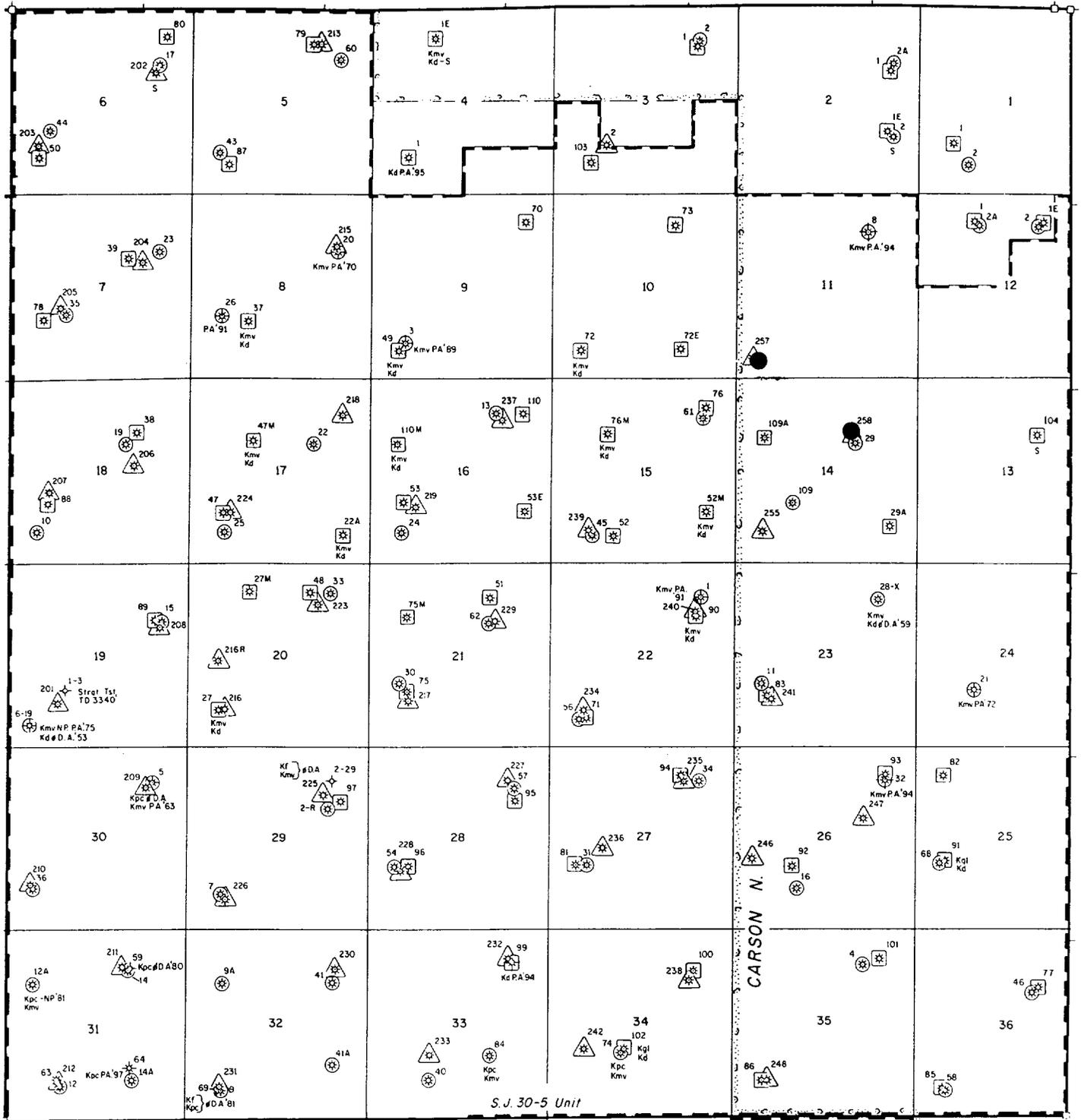
SAN JUAN BASIN PARTNERSHIP

SUNWEST BK OF ALBUQUERQUE NA-AGENT FOR KATHLEEN QUINN

THOMAS A & MARY E DUGAN

WILLIAMS PRODUCTION COMPANY

R-5-W



T
30
N

PRODUCING INTERVAL

- | | | |
|-----|-----------------|-----|
| Kfm | FARMINGTON | Kfm |
| Kk | KIRTLAND | Kk |
| △ | FRUITLAND | Kf |
| ☆ | PICTURED CLIFFS | Kpc |
| ⊙ | CHACRA | Kc |
| ⊕ | LA VENTANA | Klv |
| ⊗ | MESAVERDE | Kmv |
| ◇ | GALLUP | Kgl |
| ⊠ | DAKOTA | Kd |
-
- | | | |
|---|-----|---------------|
| — | Kch | CLIFFHOUSE |
| — | Km | MENELEE |
| — | Kpl | POINT LOOKOUT |
| — | Kt | TOCITO |
| — | Kgh | GREENHORN |



PHILLIPS PETROLEUM COMPANY
FARMINGTON AREA

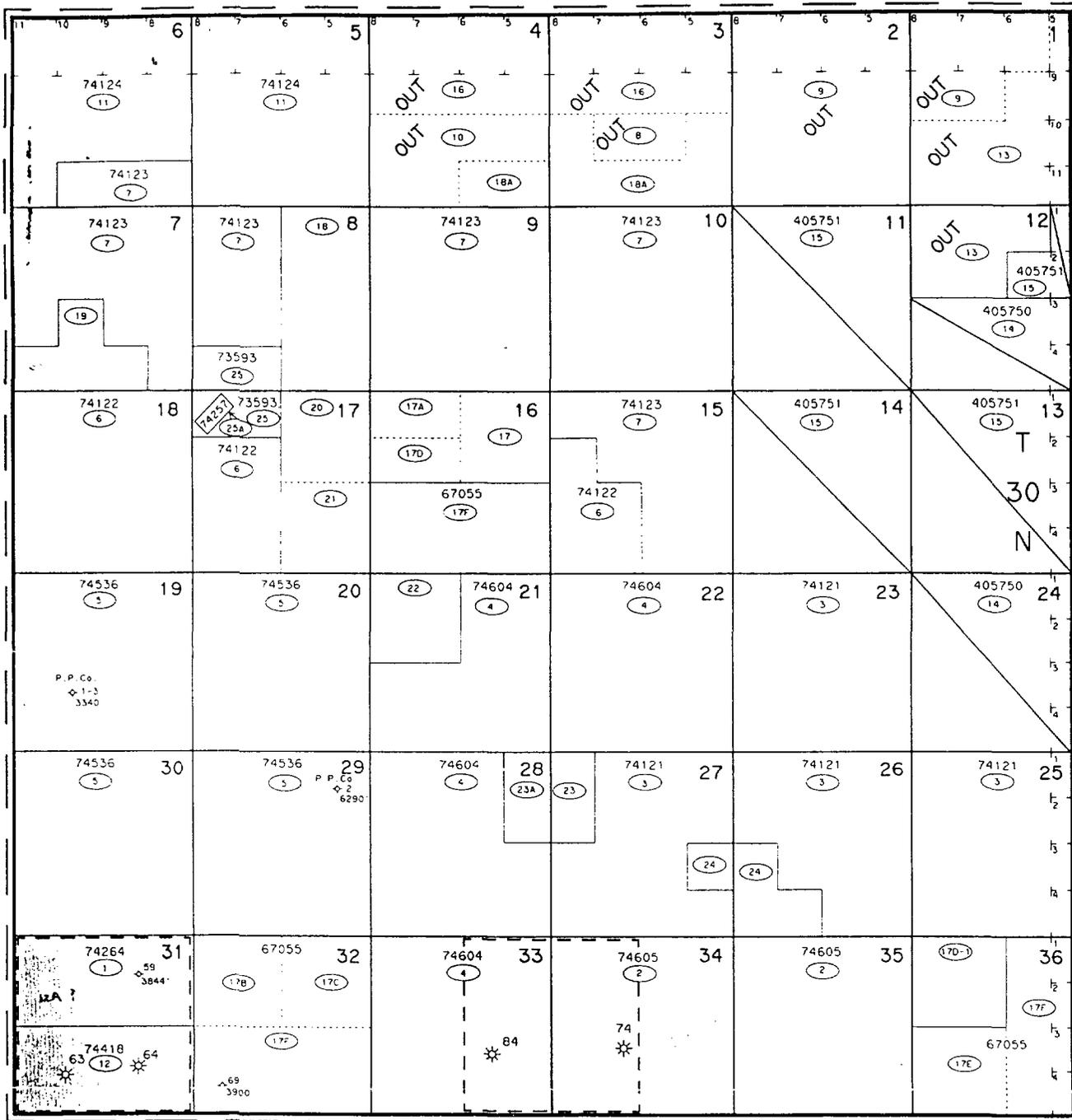
S. J. 30-5 UNIT
Rio Arriba County, New Mexico

FRUITLAND PA

0 1/4 1/2 1 MILE
SCALE

JANUARY 26, 1998

R 5 W



SAN JUAN 30-5 (PICTURED CLIFFS)
PPCo. - Operator

----- Pictured Cliffs Participating Area 11 2801
3rd Expansion Effective 11-1-82

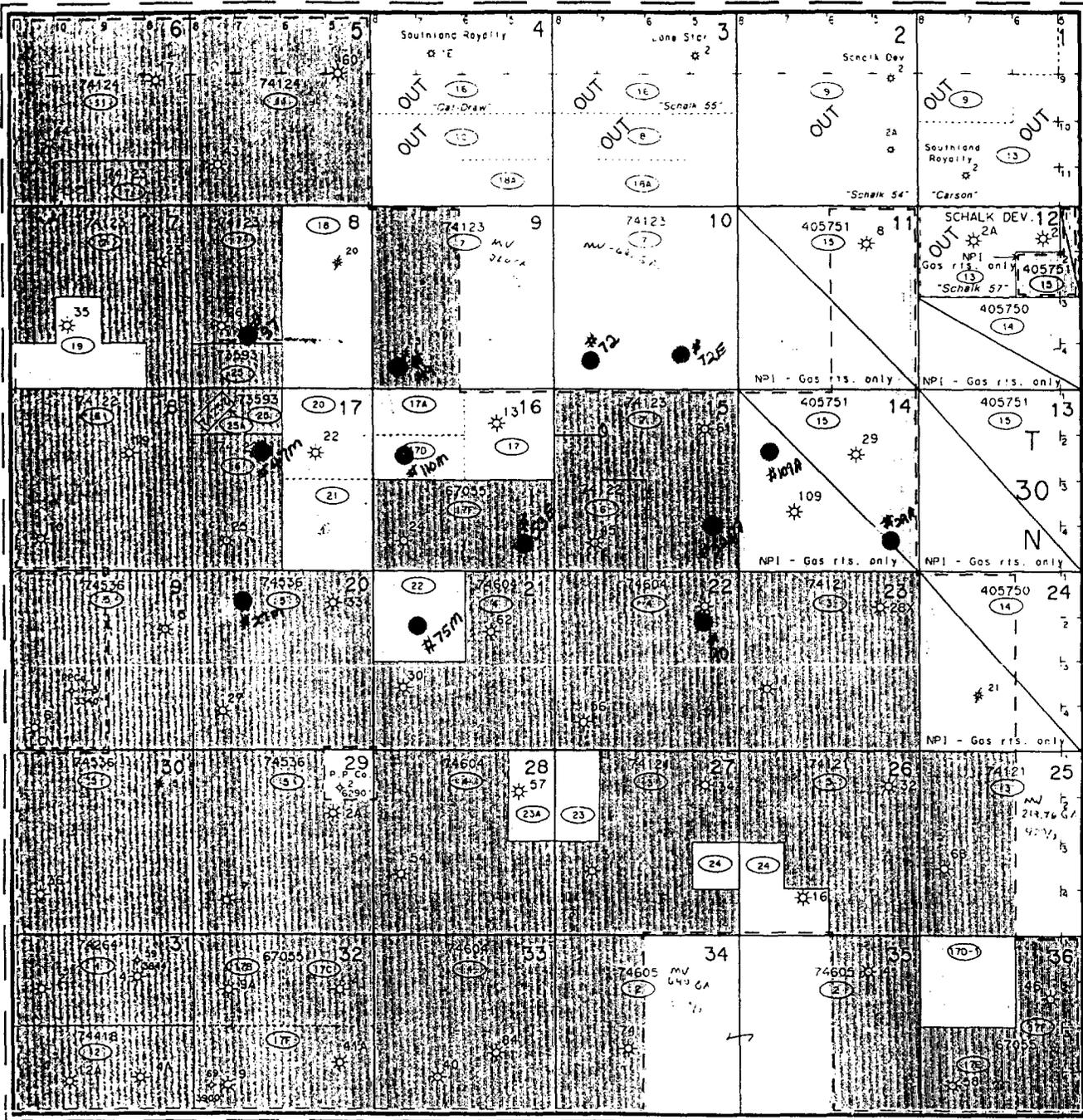
----- UNIT BOUNDARY (20.092 24 Ac.)
Effective 11-7-52

OUT - Acreage Automatically Eliminated From Unit 5-20-58

GOVERNADOR &
BLANCO FIELD
(PICTURED CLIFFS)
RIO ARRIBA CO., NM
Scale: 1" = 3000'

Plot #
30039023

R 5 W

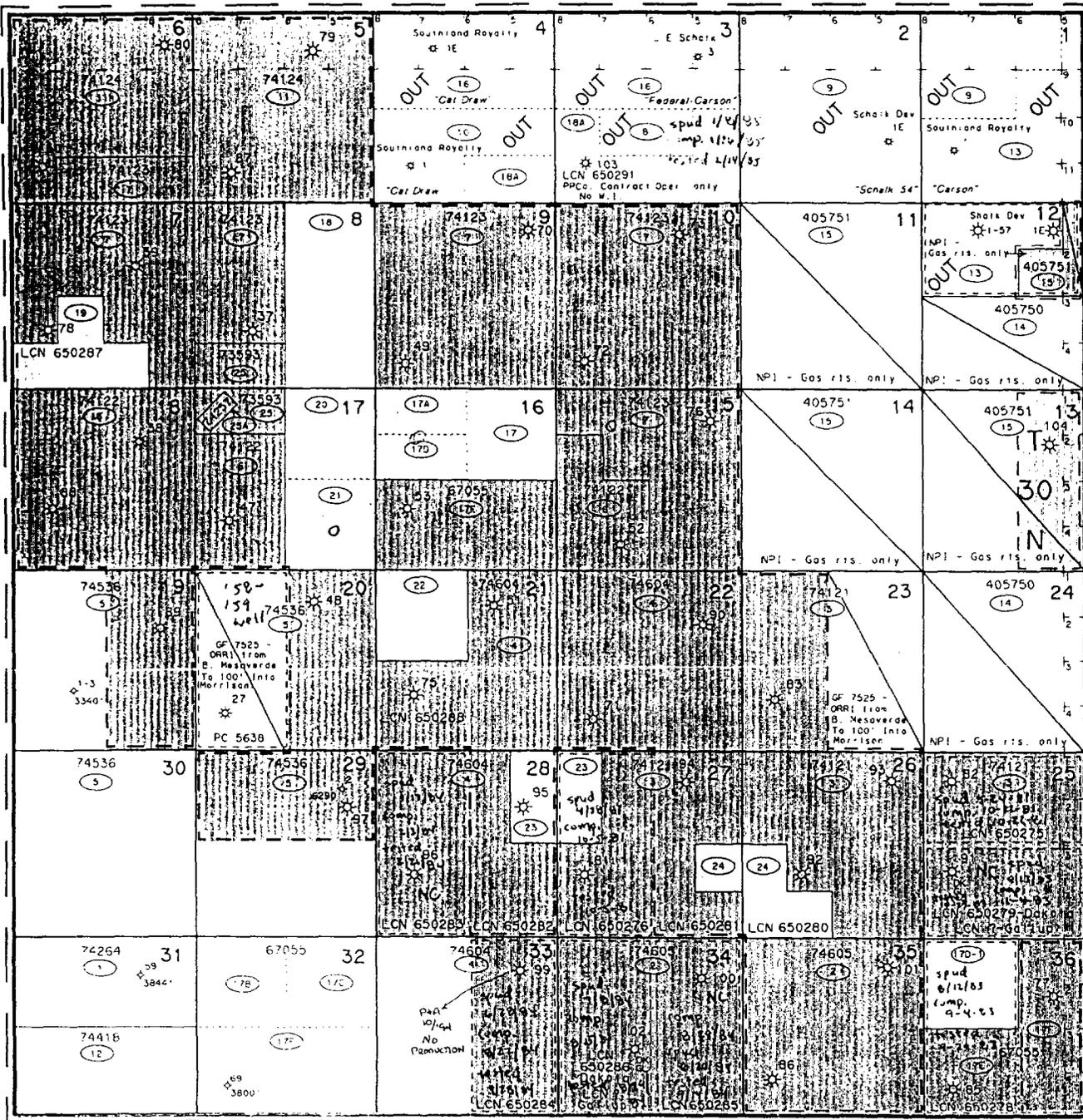


SAN JUAN 30-5 UNIT (MESAVERDE)
 PPCo. - Operator

----- Mesaverde Participating Area 116,247.51 Ac. ;
 32nd Expansion Effective 10-1-85
 --- UNIT BOUNDARY : 26,092.24 Ac. ;
 Effective 11-7-52
 OUT - Acreage Automatically Eliminated From Unit 5-20-58

BLANCO FIELD
 (MESAVERDE)
 RIO ARRIBA CO., NM
 Scale: 1" = 3000'
 12/96 BC

Plot #
 30039024



- - - - - Dakota Participating Area (1,316.64 Ac.)
 15th Expansion Eff. 7-1-84
 - - - - - Dakota Participating Area (4,168.63 Ac.)
 Initial Expansion Eff. 1-17-74
 _____ UNIT BOUNDARY 120,092.24 Ac.
 Effective 9-8-52
 _____ Acreage Automatically Eliminated From Unit 5-20-58

SAN JUAN 30-5 UNIT (DAKOTA)
 P.P.Co. - Operator

OUT

BASIN FIELD

(DAKOTA)

RIO ARRIBA UNDES FIELD

(GALLUP)

RIO ARRIBA CO., NM

Scale: 1" = 3000'

2790 BT

P. 01
 30039025



COMMERCIAL RESOURCES
(505)-827-5724

SURFACE RESOURCES
(505)-827-5793

MINERAL RESOURCES
(505)-827-5744

ROYALTY
(505)-827-5772

State of New Mexico
Commissioner of Public Lands

Ray Powell, M.S., D.V.M.
310 Old Santa Fe Trail, P. O. Box 1148
Santa Fe, New Mexico 87504-1148
Phone (505)-827-5760, Fax (505)-827-5766

PUBLIC AFFAIRS
(505)-827-5765

ADMINISTRATIVE MGMT.
(505)-827-5700

LEGAL
(505)-827-5713

PLANNING
(505)-827-5752

June 25, 1997

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

Attn: Mr. Patrick H. Noah

Re: 1997 Plan of Development
San Juan 30-5 Unit
Second Amendment
Rio Arriba County, New Mexico

Dear Mr. Noah:

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

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

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

Very truly yours,

RAY POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

BY: *Jami Bailey by Pete Martinez*

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

RP/JB/cpm
cc: Reader File

OCD

BLM



COMMERCIAL RESOURCES
(505)-827-5724

SURFACE RESOURCES
(505)-827-5795

MINERAL RESOURCES
(505)-827-5744

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(505)-827-5772

State of New Mexico
Commissioner of Public Lands
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LEGAL
(505)-827-5715

PLANNING
(505)-827-5752

June 13, 1997

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

Attn: Mr. Patrick H. Noah

Re: 1997 Plan of Development
First Amendment
San Juan 30-5 Unit
Rio Arriba County, New Mexico

Dear Mr. Noah:

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

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

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

Very truly yours,

RAY POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

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

RP/JB/cpm
cc: Reader File

OCD *l*

BLM



PHILLIPS PETROLEUM COMPANY

FARMINGTON, NEW MEXICO 87401
5525 HWY. 64 NBU 3004

June 6, 1997

JUN 12 1997

Bureau of Land Management
Farmington Resource Area
1235 La Plata Highway
Farmington, NM 87401

Commissioner of Public Lands (2 copies)
State of New Mexico
P. O. Box 1148
Santa Fe, NM 87501-1148

Oil Conservation Division (2 copies)
State of New Mexico
2040 South Pacheco
Santa Fe, NM 87505

**RE: SAN JUAN 30-5 UNIT
#14-08-001-346
RIO ARRIBA COUNTY, NEW MEXICO
SECOND AMENDED 1997 PLAN OF DEVELOPMENT
G. F. 5397**

Gentlemen:

By letter dated March 7, 1997, Phillips Petroleum Company ("Phillips"), as Unit Operator, filed the 1997 Initial Plan of Development ("POD"). By letter dated May 23, 1997, the First Amended POD was filed.

It is now proposed that an additional well be drilled this year. Phillips has contacted all working interest owners in accordance with the unit operating agreement.

The proposed well is as follows:

<u>Well Name</u>	<u>Location</u>	<u>Formation</u>
San Juan 30-5 Unit #205R	SW/4 Section 7-T30N-R5W	Fruitland

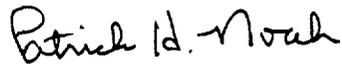
The proposed well is within the Fruitland PA.

Phillips Petroleum Company, as Unit Operator, will drill any wells that may be required to prevent drainage and any other wells deemed necessary or requested by the Unit Working Interest Owners under the terms and provisions of the Unit Operating Agreement.

San Juan 30-5 Unit
#14-08-001-346
Rio Arriba County, New Mexico
Second Amended 1997 Plan of Development
June 6, 1997
Page 2

Per Section 10 of the Unit Agreement, please confirm your approval of the POD by signing in the appropriate space below and returning an executed copy to my attention.

Respectfully,

A handwritten signature in cursive script that reads "Patrick H. Noah".

Patrick H. Noah
Senior Land Specialist
San Juan Basin
(505) 599-3410

San Juan 30-5 Unit
#14-08-001-346
Rio Arriba County, New Mexico
Second Amended 1997 Plan of Development
June 6, 1997
Page 3

**SAN JUAN 30-5 UNIT #14-08-001-346
FIRST AMENDED 1997 INITIAL PLAN OF DEVELOPMENT**

BUREAU OF LAND MANAGEMENT

DATE

NEW MEXICO
COMMISSIONER OF PUBLIC LANDS

DATE



6/24/97

NEW MEXICO
OIL CONSERVATION DIVISION

DATE

cc: San Juan 30-5 Owners
J. L. Mathis (r)G. F. 5397
C. D. Richard (r)local supervisors

**SAN JUAN 30-5 UNIT
FRUITLAND OWNERS**

AMOCO PRODUCTION COMPANY

FOUR STAR OIL & GAS COMPANY

PHILLIPS-NEW MEXICO PARTNERS, L. P.

PHILLIPS-SAN JUAN LTD PARTNERS

SAN JUAN BASIN PARTNERSHIP

WILLIAMS PRODUCTION COMPANY



PHILLIPS PETROLEUM COMPANY

FARMINGTON, NEW MEXICO 87401
5525 HWY. 64 NBU 3004

May 23, 1997

Bureau of Land Management
Farmington Resource Area
1235 La Plata Highway
Farmington, NM 87401

Commissioner of Public Lands (2 copies)
State of New Mexico
P. O. Box 1148
Santa Fe, NM 87501-1148

Oil Conservation Division (2 copies)
State of New Mexico
2040 South Pacheco
Santa Fe, NM 87505

**RE: SAN JUAN 30-5 UNIT
#14-08-001-346
RIO ARRIBA COUNTY, NEW MEXICO
FIRST AMENDED 1997 PLAN OF DEVELOPMENT
G. F. 5397**

Gentlemen:

By letter dated March 7, 1997 Phillips Petroleum Company ("Phillips"), as Unit Operator, filed the 1997 Initial Plan of Development ("POD").

It is now proposed that two additional wells be drilled this year. Phillips has contacted all working interest owners in accordance with the unit operating agreement.

The proposed wells are as follows:

<u>Well Name</u>	<u>Location</u>	<u>Formation</u>
San Juan 30-5 Unit #29A	SE/4 Section 14-T30N-R5W	Mesaverde/Dakota
San Juan 30-5 Unit #109A	NW/4 Section 14-T30N-R5W	Mesaverde/Dakota

San Juan 30-5 Unit
#14-08-001-346
Rio Arriba County, New Mexico
First Amended 1997 Plan of Development
May 23, 1997
Page 2

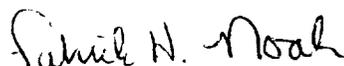
The Mesaverde completions are within the Mesaverde PA. The Dakota completion drillblocks are owned as follows:

<u>Owner Name:</u>	<u>Interest:</u>
EJE Brown Company	4.375000%
H. O. Pool Trust	4.375000
Kathleen Quinn	1.458333
Devon Energy Corporation~(Nevada)	2.187500
Langdon D. Harrison	1.540625
MAR Oil & Gas	3.125000
Robert P. Tinnin	0.546875
Ruth Zimmerman Trust	0.729167
Thomas & Mary Dugan	2.187500
Burlington Resources Oil & Gas Company	79.375000

Phillips Petroleum Company, as Unit Operator, will drill any wells that may be required to prevent drainage and any other wells deemed necessary or requested by the Unit Working Interest Owners under the terms and provisions of the Unit Operating Agreement.

Per Section 10 of the Unit Agreement, please confirm your approval of this POD by signing in the appropriate space below and returning an executed copy to my attention.

Respectfully,



Patrick H. Noah
Senior Land Specialist
San Juan Basin
(505) 599-3410

San Juan 30-5 Unit
#14-08-001-346
Rio Arriba County, New Mexico
First Amended 1997 Plan of Development
May 23, 1997
Page 3

**SAN JUAN 30-5 UNIT #14-08-001-346
FIRST AMENDED 1997 INITIAL PLAN OF DEVELOPMENT**

BUREAU OF LAND MANAGEMENT

DATE

NEW MEXICO
COMMISSIONER OF PUBLIC LANDS

DATE



5/30/97

NEW MEXICO
OIL CONSERVATION DIVISION

DATE

cc: San Juan 30-5 Owners
J. L. Mathis (r)G. F. 5397
C. D. Richard (r)local supervisors

**SAN JUAN 30-5 UNIT
WORKING INTEREST OWNERS**

AMOCO PRODUCTION COMPANY

BURLINGTON RESOURCES OIL & GAS COMPANY

EJE BROWN COMPANY

FOUR STAR OIL & GAS

KATHLEEN QUINN

DEVON ENERGY CORPORATION~(NEVADA)

LANGDON D. HARRISON TRUST

MAR OIL & GAS CORPORATION

PHILLIPS PETROLEUM COMPANY

PHILLIPS-NEW MEXICO PARTNERS, L. P.

PHILLIPS-SAN JUAN LTD PARTNERS

ROBERT TINNIN

RUTH ZIMMERMAN TRUST

SAN JUAN BASIN PARTNERSHIP

THOMAS A & MARY E DUGAN

WELLS FARGO BANK

WILLIAMS PRODUCTION COMPANY



417

COMMERCIAL RESOURCES
(505)-827-5724

SURFACE RESOURCES
(505)-827-5793

MINERAL RESOURCES
(505)-827-5744

ROYALTY
(505)-827-5772

State of New Mexico
Commissioner of Public Lands

Ray Powell, M.S., D.V.M.
310 Old Santa Fe Trail, P. O. Box 1148
Santa Fe, New Mexico 87504-1148
Phone (505)-827-5760, Fax (505)-827-5766

PUBLIC AFFAIRS
(505)-827-5765

ADMINISTRATIVE MGMT.
(505)-827-5700

LEGAL
(505)-827-5713

PLANNING
(505)-827-5752

March 12, 1997

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

Attn: Mr. Patrick H. Noah

Re: 1997 Plan of Development
San Juan 30-5 Unit
Rio Arriba County, New Mexico

Dear Mr. Noah:

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

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

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

Very truly yours,

RAY POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

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

RP/JB/cpm
cc: Reader File

OCD

BLM



PHILLIPS PETROLEUM COMPANY

FARMINGTON, NEW MEXICO 87401
5525 HWY. 64 NBU 3004

March 7, 1997

Bureau of Land Management (3 copies)
Farmington Resource Area
1235 La Plata Highway
Farmington, NM 87401

Commissioner of Public Lands (2 copies)
State of New Mexico
P. O. Box 1148
Santa Fe, NM 87501-1148

Oil Conservation Division (2 copies)
State of New Mexico
2040 South Pacheco
Santa Fe, NM 87505

RE: SAN JUAN 30-5 UNIT
#14-08-001-346
RIO ARRIBA COUNTY, NEW MEXICO
1997 PLAN OF DEVELOPMENT
G. F. 5396

Gentlemen:

By letter dated March 11, 1996 Phillips Petroleum Company ("Phillips"), as Unit Operator, filed the 1996 Initial Plan of Development ("POD"). The POD indicated that no wells were proposed for possible drilling in 1996.

<u>Well Number</u>	<u>Location</u>	<u>Formation</u>
San Juan 30-5 Unit #256	E/2 Section 11-30N-5W	Fruitland Coal
San Juan 30-5 Unit #257	W/2 Section 11-30N-5W	Fruitland Coal
San Juan 30-5 Unit #258	E/2 Section 14-30N-5W	Fruitland Coal

These wells were not drilled in 1996 and will be carried forward to the 1997 POD.

The Participating Areas which have been established in the San Juan 29-6 Unit are as follows:

<u>Formation</u>	<u>Revision</u>	<u>Effective</u>
Fruitland Coal	Twentieth	January 1, 1995
Pictured Cliffs	Third	November 1, 1982
Mesaverde	Thirty-Second	October 1, 1985
Dakota	Fifteenth	July 1, 1984
Dakota "A"	Initial	July 19, 1973

SAN JUAN 30-5 UNIT
#14-08-001-346
RIO ARRIBA COUNTY, NEW MEXICO
1997 PLAN OF DEVELOPMENT
MARCH 7, 1997
PAGE 2

Pursuant to Section 10 of the San Juan 30-5 Unit Agreement, Phillips, as Unit Operator, has received requests from San Juan 30-5 Unit working interest owners to include the following wells in the 1997 POD:

<u>Well Name</u>	<u>Location</u>	<u>Formation</u>
San Juan 30-5 Unit #24A	NW/4 Sec. 16-T30N-R5W	Mesaverde/Dakota
San Juan 30-5 Unit #27M	NW/4 Sec. 20-T30N-R5W	Mesaverde/Dakota
San Juan 30-5 Unit #37	SW/4 Sec. 8-T30N-R5W	Complete Mesaverde
San Juan 30-5 Unit #47M	NW/4 Sec. 17-T30N-R5W	Mesaverde/Dakota
San Juan 30-5 Unit #49	SW/4 Sec. 9-T30N-R5W	Complete Mesaverde
San Juan 30-5 Unit #52M	SE/4 Sec. 15-T30N-R5W	Mesaverde/Dakota
San Juan 30-5 Unit #53E	SE/4 Sec. 16-T30N-R5W	Complete Mesaverde
San Juan 30-5 Unit #72	SW/4 Sec. 10-T30N-R5W	Complete Mesaverde
San Juan 30-5 Unit #72E	SE/4 Sec. 10-T30N-R5W	Mesaverde/Dakota
San Juan 30-5 Unit #75M	NW/4 Sec. 21-T30N-R5W	Mesaverde/Dakota
San Juan 30-5 Unit #90	NW/4 Sec. 22-T30N-R5W	Complete Mesaverde
San Juan 30-5 Unit #256	E/2 Sec. 11-T30N-R5W	Fruitland
San Juan 30-5 Unit #257	W/2 Sec. 11-T30N-R5W	Fruitland
San Juan 30-5 Unit #258	E/2 Sec. 14-T30N-R5W	Fruitland
San Juan 30-5 Unit #259	W/2 Sec. 13-T30N-R5W	Fruitland

All Mesaverde-completed wells except the #72 and #72E wells are within the Mesaverde Participating Area ("PA"). The drillblocks for the #72 and #72E Mesaverde completions are outside of the Mesaverde Participating Area on acreage owned as follows:

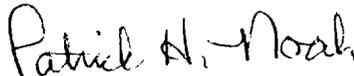
Phillips Petroleum Company	82%
Williams Production Company	18%

All Dakota completions except the #27M well are within the Dakota PA. The #27M well is on a non-commercial drillblock which is owned 100% by Burlington Resources Oil & Gas Company. The Fruitland wells are outside of the Fruitland PA on drillblocks owned by Burlington Resources Oil & Gas, et al. The San Juan 30-5 Unit working interest owners have been contacted with respect to this POD and are being furnished with a copy of this letter.

Phillips Petroleum Company, as Unit Operator, will drill any wells that may be required to prevent drainage and any other wells deemed necessary or requested by the Unit Working Interest Owners under the terms and provisions of the Unit Operating Agreement.

Per Section 10 of the Unit Agreement, please confirm your approval of this POD by signing in the appropriate space below and returning an executed copy to my attention.

Respectfully,



Patrick H. Noah
Senior Land Specialist
San Juan Basin
(505) 599-3410

SAN JUAN 30-5 UNIT
#14-08-001-346
RIO ARRIBA COUNTY, NEW MEXICO
1997 PLAN OF DEVELOPMENT
MARCH 7, 1997
PAGE 3

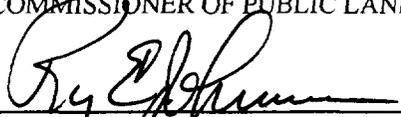
SAN JUAN 30-5 UNIT #14-08-001-346
1997 INITIAL PLAN OF DEVELOPMENT

BUREAU OF LAND MANAGEMENT

DATE

NEW MEXICO
COMMISSIONER OF PUBLIC LANDS

DATE



NEW MEXICO
OIL CONSERVATION DIVISION

DATE

3/11/97

cc: San Juan 30-5 Owners
J. L. Mathis (r)G. F. 5397
C. D. Richard (r)local supervisors

**SAN JUAN 30-5 UNIT
WORKING INTEREST OWNERS**

AMOCO PRODUCTION COMPANY

BURLINGTON RESOURCES OIL & GAS COMPANY

EJE BROWN COMPANY

FOUR STAR OIL & GAS

KATHLEEN QUINN

KERR-MCGEE CORPORATION

LANGDON D. HARRISON TRUST

MAR OIL & GAS CORPORATION

PHILLIPS PETROLEUM COMPANY

PHILLIPS - NEW MEXICO PARTNERS, L. P.

PHILLIPS - SAN JUAN LTD PARTNERS

ROBERT TINNIN

RUTH ZIMMERMAN TRUST

SAN JUAN BASIN PARTNERSHIP

THOMAS A & MARY E DUGAN

WELLS FARGO BANK

WILLIAMS PRODUCTION COMPANY



PHILLIPS PETROLEUM COMPANY

FARMINGTON, NEW MEXICO 87401
5525 HWY. 64 NBU 3004

March 3, 1995

United States Department of Interior
Bureau of Land Management
Farmington Resource Area
1235 La Plata Highway
Farmington, New Mexico 87401

State of New Mexico
Commissioner of Public Lands
Attn: Mr. Floyd O. Prando
P. O. Box 1148
Santa Fe, New Mexico 87504-1148

State of New Mexico
Oil Conservation Division
Attn: Mr. William J. Lemay
State Land Office Building
P. O. Box 2088
Santa Fe, New Mexico 87504-2088

Re: San Juan 30-5 Unit
#14-08-001-346
Rio Arriba County, New Mexico
1995 Plan of Development
GF-5397

Gentlemen:

By letter dated March 21, 1994, Phillips Petroleum Company (Phillips) as Unit Operator, filed the 1994 Initial Plan of Development (POD) for the San Juan 30-5 Unit. The POD indicated that ten (10) Fruitland Coal Wells and four (4) Dakota Wells would be included in the POD. The following list describes each of these wells and their disposition.

<u>Well Number</u>	<u>Disposition</u>	<u>Formation</u>
San Juan 30-5 #49E	Carried Over to 1995 POD	Dakota
San Juan 30-5 #72E	Carried Over to 1995 POD	Dakota
San Juan 30-5 #75E	Carried Over to 1995 POD	Dakota
San Juan 30-5 #111	Carried Over to 1995 POD	Dakota
San Juan 30-5 #214	Carried Over to 1995 POD	Fruitland Coal
San Juan 30-5 #220	Carried Over to 1995 POD	Fruitland Coal
San Juan 30-5 #221	Carried Over to 1995 POD	Fruitland Coal
San Juan 30-5 #231R	Carried Over to 1995 POD	Fruitland Coal
San Juan 30-5 #243	Carried Over to 1995 POD	Fruitland Coal
San Juan 30-5 #244	Carried Over to 1995 POD	Fruitland Coal
San Juan 30-5 #245	Carried Over to 1995 POD	Fruitland Coal
San Juan 30-5 #249	Carried Over to 1995 POD	Fruitland Coal
San Juan 30-5 #250	Carried Over to 1995 POD	Fruitland Coal
San Juan 30-5 #251	Carried Over to 1995 POD	Fruitland Coal

As part of 1994 operations Phillips continued work to close earthen pits serving all Unit-owned production equipment, replacing such pits with double-bottom steel tanks with leak detection.

As of this date, the total number of wells drilled and operated by Phillips Petroleum Company on acreage committed to the San Juan 30-5 Unit is as follows:

Fruitland Coal, commercial, pending PA inclusion	13
Fruitland Coal, commercial, in PA's	3
Fruitland Coal, pressure observation well	1
Fruitland Coal, non-commercial	1
Fruitland Coal, undetermined	24
Pictured Cliffs, commercial	2
Pictured Cliffs, plugged and abandoned	2
Pictured Cliffs/Mesaverde, commercial	2
Mesaverde, non-commercial	1
Mesaverde, temporarily abandoned	2
Mesaverde, commercial	44
Mesaverde, plugged and abandoned	8
Mesaverde/Dakota, plugged and abandoned	2
Mesaverde/Dakota (Mesaverde commercial, Dakota non-commercial)	1
Dakota, commercial	37
Dakota, commerciality undetermined	2
Dakota, non-commercial	3
Dakota, temporarily abandoned	1
Dakota, plugged and abandoned	1
Dakota/Gallup, non-commercial	<u>2</u>
TOTAL	152

The Participating Areas which have been established in the San Juan 30-5 Unit are as follows:

<u>FORMATION</u>	<u>REVISION</u>	<u>EFFECTIVE</u>
Fruitland	Second	July 1, 1990
Pictured Cliffs	Third	November 1, 1982
Mesaverde	Thirty-Second	October 1, 1985
Dakota	Fifteenth	July 1, 1984
Dakota "A"	Initial	January 17, 1974

Pursuant to Section 10 of the San Juan 30-5 Unit Agreement, Phillips Petroleum Company, as Unit Operator, has solicited and received majority approval from the San Juan 30-5 Unit Working Interest Owners to include the following wells in the 1995 Plan of Development:

<u>Well Number</u>	<u>Location</u>	<u>Formation</u>
San Juan 30-5 #22A	NE/4 Section 17-30N-5W	Dakota/Mesaverde Dual
San Juan 30-5 #49E	SW/4 Section 9-30N-5W	Dakota
San Juan 30-5 #72E	SW/4 Section 10-30N-5W	Dakota
San Juan 30-5 #75E	SW/4 Section 21-30N-5W	Dakota
San Juan 30-5 #76M	NE/4 Section 15-30N-5W-DK	Dakota/Mesaverde Dual
San Juan 30-5 #111	SE/4 Section 7-30N-5W	Dakota
San Juan 30-5 #214	W/2 Section 5-30N-5W	Fruitland Coal
San Juan 30-5 #220	W/2 Section 8-30N-5W	Fruitland Coal
San Juan 30-5 #221	E/2 Section 9-30N-5W	Fruitland Coal
San Juan 30-5 #231R	W/2 Section 32-30N-5W	Fruitland Coal
San Juan 30-5 #243	E/2 Section 15-30N-5W	Fruitland Coal
San Juan 30-5 #244	W/2 Section 9-30N-5W	Fruitland Coal

San Juan 30-5 Unit
#14-08-001-346
1995 Plan of Development
March 3, 1995
Page 3

<u>Well Number</u>	<u>Location</u>	<u>Formation</u>
San Juan 30-5 #245	W/2 Section 10-30N-5W	Fruitland Coal
San Juan 30-5 #249	E/2 Section 23-30N-5W	Fruitland Coal
San Juan 30-5 #250	E/2 Section 35-30N-5W	Fruitland Coal
San Juan 30-5 #251	W/2 Section 25-30N-5W	Fruitland Coal
San Juan 30-5 #255	W/2 Section 17-30N-5W	Fruitland Coal

The drillblock for each Fruitland Coal well is the acreage described above. The Dakota and Mesaverde wells are infill for the current Dakota and Mesaverde participating areas.

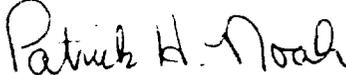
Phillips Petroleum Company, as Unit Operator, will drill any wells that may be required to prevent drainage and any other wells deemed necessary or requested by the Unit Working Interest Owners under the terms and provisions of the Unit Operating Agreement.

Please signify your approval as required under Section 10 of the Unit Agreement by signing in the space provided for on the attached sheet and returning an approved copy to the undersigned.

Copies of this 1995 Plan of Development are being sent to the Working Interest Owners as shown on the attached sheet.

Respectfully,

PHILLIPS PETROLEUM COMPANY


Patrick H. Noah
Senior Land Specialist
San Juan Basin
(505) 599-3410

APPROVED _____ DATE _____
Assistant District Manager, Minerals
Bureau of Land Management
Subject to like approval by the
Commissioner of Public Lands and the
Oil Conservation Division

APPROVED _____ DATE _____
Commissioner of Public Lands
Subject to like approval by the
Area Oil and Gas Supervisor and the
Oil Conservation Division

APPROVED  _____ DATE 3-20-95
Oil Conservation Division
Subject to like approval by the
Area Oil and Gas Supervisor and the
Commissioner of Public Land

The foregoing approvals are for the 1995 Plan of Development for the San Juan 30-5 Unit #14-08-001-346.

cc: SJ 30-5 Unit WIO's
J. W. Taylor (r) Local Supervisors
L. E. Hasely
J. L. Mathis (r) GF-5397

**SAN JUAN 30-5 UNIT
WORKING INTEREST OWNERS**

Amoco Production Company

Araphoe Drilling

Evelyn G. Brown

Thomas A. and Mary E. Dugan

Langdon D. Harrison

Kerr-McGee Corporation

Mar Oil & Gas Corporation

Meridian Oil Production Inc.

Phillips Petroleum Company

Phillips-San Juan Partners, L.P.

H. O. & T. K. Pool Trust

Sunwest Bk of Albuquerque
Agent for Kathleen Quinn

Max B. Rotholz

Texaco Exploration & Production Inc.

Robert Tinnin

San Juan Basin Partnership

Williams Production Company

Ruth Zimmerman Trust



PHILLIPS PETROLEUM COMPANY

FARMINGTON, NEW MEXICO 87401
5525 HWY. 64 NBU 3004

PHILLIPS PETROLEUM COMPANY
FARMINGTON, NEW MEXICO
MARCH 21 1994

March 21, 1994

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

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

State of New Mexico
Oil Conservation Division
Attn: Mr. William J. LeMay
310 Old Santa Fe Trail, Room 206
Santa Fe, New Mexico 87503
(2 copies)

Re: San Juan 30-5 Unit
#14-08-001-346
Rio Arriba County, New Mexico
1994 Plan of Development
GF-5397

Gentlemen:

By letters dated March 8, 1993, June 18, 1993 and August 20, 1993, Phillips Petroleum Company (Phillips) as Unit Operator, filed the 1993 Initial, First Supplemental and Second Supplemental Plans of Development (POD's), respectively, for the San Juan 30-5 Unit. The POD's indicated that fourteen (14) Fruitland Coal wells and two (2) Dakota wells would be drilled during 1993. Note the following list describing the wells and their disposition.

Well Number	Disposition	Formation	POD
San Juan 30-5 #53E	Drilled	Dakota	1st Supplemental
San Juan 30-5 #110	Drilled	Dakota	1st Supplemental
San Juan 30-5 #216R	Drilled	Fruitland Coal	2nd Supplemental
San Juan 30-5 #239	Drilled	Fruitland Coal	Initial
San Juan 30-5 #246	Drilled	Fruitland Coal	Initial
San Juan 30-5 #247	Drilled	Fruitland Coal	Initial

San Juan 30-5 Unit
 #14-08-001-346
 1994 Plan of Development
 March 21, 1994
 Page 2

Well Number	Disposition	Formation	POD
San Juan 30-5 #248	Drilled	Fruitland Coal	Initial
San Juan 30-5 #249	Carried over to 1994 POD	Fruitland Coal	Initial
San Juan 30-5 #214	Carried over to 1994 POD	Fruitland Coal	Initial
San Juan 30-5 #220	Carried over to 1994 POD	Fruitland Coal	Initial
San Juan 30-5 #221	Carried over to 1994 POD	Fruitland Coal	Initial
San Juan 30-5 #243	Carried over to 1994 POD	Fruitland Coal	Initial
San Juan 30-5 #244	Carried over to 1994 POD	Fruitland Coal	Initial
San Juan 30-5 #245	Carried over to 1994 POD	Fruitland Coal	Initial
San Juan 30-5 #250	Carried over to 1994 POD	Fruitland Coal	Initial
San Juan 30-5 #251	Carried over to 1994 POD	Fruitland Coal	Initial

As part of 1993 operations Phillips initiated closure of earthen pits serving all Unit owned production equipment, replacing with double bottom steel tanks with leak detection. This work will continue in 1994. Phillips also initiated and completed its plans to equip certain wells with telemetry equipment for remote readings and/or well control. Additional wells will be considered for such equipment in 1994.

As of this date, the total number of wells drilled and operated by Phillips Petroleum Company on acreage committed to the San Juan 30-5 Unit are as follows:

Fruitland Coal, commercial, pending PA inclusion	13
Fruitland Coal, commercial, in PA's	3
Fruitland Coal, undetermined	26
Pictured Cliffs, commercial	2
Pictured Cliffs, plugged and abandoned	2
Pictured Cliffs/Mesaverde, commercial	2
Mesaverde, non-commercial	1
Mesaverde, temporarily abandoned	1
Mesaverde, commercial	47
Mesaverde, plugged and abandoned	6
Mesaverde/Dakota, plugged and abandoned	2
Mesaverde/Dakota (Mesaverde commercial, Dakota non-commercial)	1
Dakota, commercial	37
Dakota, commerciality undetermined	2
Dakota, non-commercial	5
Dakota/Gallup, non-commercial	<u>2</u>
TOTAL	152

San Juan 30-5 Unit
 #14-08-001-346
 1994 Plan of Development
 March 21, 1994
 Page 3

The Participating Areas which have been established in the San Juan 30-5 Unit are as follows:

FORMATION	REVISION	EFFECTIVE
Fruitland	Second	July 1, 1990
Pictured Cliffs	Third	November 1, 1982
Mesaverde	Thirty-Second	October 1, 1985
Dakota	Fifteenth	July 1, 1984
Dakota "A"	Initial	January 17, 1974

Pursuant to Section 10 of the San Juan 30-5 Unit Agreement, Phillips Petroleum Company, as Unit Operator, has solicited and received majority approval from the San Juan 30-5 Unit Working Interest Owners to include the following Fruitland Coal Wells in the 1994 Plan of Development:

Well Number	Drilling Block	Formation
San Juan 30-5 #231R	W/2 Section 32-30N-5W	Fruitland Coal
San Juan 30-5 #49E	S/2 Section 9-30N-5W	Dakota
San Juan 30-5 #72E	S/2 Section 10-30N-5W	Dakota
San Juan 30-5 #75E	W/2 Section 21-30N-5W	Dakota
San Juan 30-5 #111	E/2 Section 7-30N-5W	Dakota
San Juan 30-5 #249	E/2 Section 23-30N-5W	Fruitland Coal
San Juan 30-5 #214	W/2 Section 5-30N-5W	Fruitland Coal
San Juan 30-5 #220	W/2 Section 8-30N-5W	Fruitland Coal
San Juan 30-5 #221	E/2 Section 9-30N-5W	Fruitland Coal
San Juan 30-5 #243	E/2 Section 15-30N-5W	Fruitland Coal
San Juan 30-5 #244	W/2 Section 9-30N-5W	Fruitland Coal
San Juan 30-5 #245	W/2 Section 10-30N-5W	Fruitland Coal
San Juan 30-5 #250	E/2 Section 35-30N-5W	Fruitland Coal
San Juan 30-5 #251	W/2 Section 25-30N-5W	Fruitland Coal

Phillips Petroleum Company, as Unit Operator, will drill any wells that may be required to prevent drainage and any other wells deemed necessary or requested by the Unit Working Interest Owners under the terms and provisions of the Unit Operating Agreement.

Please signify your approval as required under Section 10 of the Unit Agreement by signing in the space provided for on the attached sheet and returning an approved copy to the undersigned.

San Juan 30-5 Unit
#14-08-001-346
1994 Plan of Development
March 21, 1994
Page 4

Copies of this 1994 Plan of Development are being sent to the Working Interest Owners as shown on the attached sheet.

Respectfully,

PHILLIPS PETROLEUM COMPANY



A. J. Kieke, CPL
Area Landman
San Juan Basin

APPROVED _____ DATE _____
Assistant District Manager, Minerals
Bureau of Land Management
Subject to like approval by the
Commissioner of Public Lands and the
Oil Conservation Division

APPROVED _____ DATE _____
Commissioner of Public Lands
Subject to like approval by the
Area Oil and Gas Supervisor and the
Oil Conservation Division

APPROVED  _____ DATE 3/24/94
Oil Conservation Division
Subject to like approval by the
Area Oil and Gas Supervisor and the
Commissioner of Public Land

The foregoing approvals are for the 1994 Plan of Development for the San Juan 30-5 Unit #14-08-001-346.

cc: SJ 30-5 Unit WIO's
R. G. Flesher (r) Supervisors
L. E. Hasely
D. B. Evans, J. L. Mathis (r) GF-5397

**SAN JUAN 30-5 UNIT
WORKING INTEREST OWNERS**

Amoco Production Company

Araphoe Drilling

Evelyn G. Brown

Jay I. Cohen, Trustee
Abercrombie Trust

Thomas A. and Mary E. Dugan

Langdon D. Harrison

Kerr-McGee Corporation

Mar Oil & Gas Corporation

Meridian Oil Production Inc.

H. O. & T. K. Pool Trust

Sunwest Bk of Albuquerque
Agent for Kathleen Quinn

Max B. Rotholz

Texaco Exploration & Production Inc.

Robert Tinnin

Valero Coal Company

Williams Production Company

Ruth Zimmerman Trust



RAY B. POWELL
COMMISSIONER

State of New Mexico

OFFICE OF THE

Commissioner of Public Lands

Santa Fe

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

SLO REF NO. OG-1322

September 1, 1993

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

Attn: Mr. W. Frank Hulse, III

Re: Second Supplemental - 1993 Plan of Development
San Juan 30-5 Unit
Rio Arriba County, New Mexico

Gentlemen:

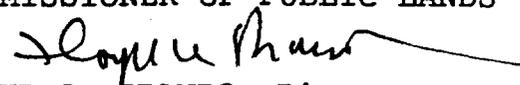
The Commissioner of Public Lands has this date approved the above captioned Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

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

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

Very truly yours,

RAY B. POWELL
COMMISSIONER OF PUBLIC LANDS

BY: 
FLOYD O. PRANDO, Director
Oil and Gas Division
(505) 827-5744

RBP/FOP/pm

cc: OCD - Roy Johnson
BLM



PHILLIPS PETROLEUM COMPANY

FARMINGTON, NEW MEXICO 87401
5525 HWY 64 NBU 3004

RECEIVED
OFFICE
AUG 23 1993

August 20, 1993

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

417

State of New Mexico
Commissioner of Public Lands
Attn: Mr. Floyd O. Prando
P. O. Box 1148
Santa Fe, New Mexico 87504-1148

State of New Mexico
Oil Conservation Division
Attn: Mr. William J. LeMay
310 Old Santa Fe Trail, Room 206
Santa Fe, New Mexico 87503

Re: San Juan 30-5 Unit
#14-08-001-346
Rio Arriba County, New Mexico
Second Supplemental
1993 Plan of Development
GF-5397

Gentlemen:

Initial and First Supplemental Plans of Development set forth in our March 8, 1993 and June 18, 1993 letters were approved by the appropriate agencies.

The San Juan Unit 30-5 #216 Well is being converted to a pressure observation well. Under this Second Supplemental 1993 Plan of Development, Phillips Petroleum Company as unit operator of the San Juan 30-5 Unit has proposed this replacement well to the other working interest owner in the Drilling Block.

The proposed Fruitland Coal replacement well is as follows:

<u>Well Number</u>	<u>Drilling Block</u>
San Juan 30-5 #216R	W/2 Section 20, T30N, R5W

If this Second Supplemental 1993 Plan of Development for the San Juan 30-5 Unit meets with your approval, please signify same by signing and returning an approved copy to the attention of the undersigned.

Very truly yours,

PHILLIPS PETROLEUM COMPANY

W. Frank Hulse, III
Land Specialist, CPL
San Juan Basin
(505) 599-3458

cc: San Juan 30-5 Unit Working Interest Owners

San Juan 30-5 Unit
Second Supplemental
#14-08-001-346
August 20, 1993
Page 2

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

DATE _____

APPROVED _____
Commissioner of Public Lands
Subject to like approval by the
Area Oil and Gas Supervisor and the
Oil Conservation Commission

DATE _____

APPROVED  _____
Oil Conservation Commission
Subject to like approval by the
Area Oil and Gas Supervisor and the
Commissioner of Public Lands

DATE 8-26-93

The foregoing approvals are for the First Supplemental 1993 Plan of
Development for the San Juan 30-5 Unit #14-08-001-346.

San Juan 30-5 Unit Working Interest Owners
7/29/93

Amoco Production Company
Outside Operated Group
Attn: David Simpson
P. O. Box 800
Denver, CO 80201

Meridian Oil Prod. Inc.
Land Department
P. O. Box 4289
Farmington, NM 87499

Valero Coal Company
P. O. Box 500
San Antonio, TX 78292-0500
Attn: Travis Crow

Araphoe Drilling
P. O. Box 26687
Albuquerque, NM 87125

Robert Tinnin
P. O. Box 1885
Albuquerque, NM 87103

Evelyn G. Brown
c/o James Brown
14 Alpine Road
Greenwich, CT 06830

Ruth Zimmerman Trust
842 Muirlands Vista Way
LaJolla, CA 92037

Kerr-McGee Corporation
110 N. Marienfield
Suite 330
Midland, TX 79701

Sunwest Bk of Albuquerque
Agent for Kathleen Quinn
P. O. Box 26900
Albuquerque, NM 87125

H. O. & T. K. Pool Trust
c/o 1st Intrst Bk of OK
P. O. Box 25189
Oklahoma City, OK 73125

Texaco Expl. & Prod. Inc.
Joint Interest Operations
P. O. Box 46555
Denver, CO 80201-6555

Jay I. Cohen, Trustee
Abercrombie Trust
10370 Richmond, St 710
Houston, TX 77042

Thomas A. & Mary E. Dugan
P. O. Box 420
Farmington, NM 87499-0420

Langdon D. Harrison
7517 Tammoron NE
Albuquerque, NM 87109

Williams Production Co.
Attn: Mgr. Leasehold Oprs.
P. O. Box 58900
Salt Lake City, UT 84158-0900

Mar Oil & Gas Corp.
Attn: M. A. Romero
P. O. Box 5155
Santa Fe, NM 87502

Max B. Rotholz
1323 N. Fulton
Wharton, TX 77488



RAY B. POWELL
COMMISSIONER

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

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

SLO REF NO. OG-1315

July 12, 1993

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

Attn: Mr. A. J. Kieke

Re: 1993 1st Supplemental Plan of Development
San Juan 30-5 Unit
Rio Arriba County, New Mexico

Gentlemen:

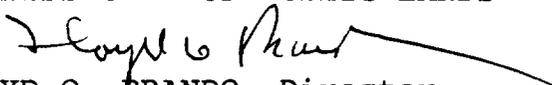
The Commissioner of Public Lands has this date approved the above captioned Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

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

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

Very truly yours,

RAY B. POWELL
COMMISSIONER OF PUBLIC LANDS

BY: 
FLOYD O. PRANDO, Director
Oil and Gas Division
(505) 827-5744

RBP/FOP/pm
cc: OCD
BLM



PHILLIPS PETROLEUM COMPANY

FARMINGTON, NEW MEXICO 87401
5525 HWY. 64 NBU 3004

June 18, 1993

San Juan 30-5 Unit
Working Interest Owners

Re: San Juan 30-5 Unit
First Supplemental 1993
Plan of Development
Rio Arriba County, New Mexico
GF-5397

Gentlemen:

Phillips Petroleum Company (Phillips), as Unit Operator submits this First Supplemental 1993 Plan of Development for the referenced unit your approval and recommends that same be filed with the governing regulatory agencies.

Phillips proposes that the following Dakota wells be included under the 1993 Plan of Development:

<u>Well No.</u>	<u>Location</u>	<u>Drilling Block</u>
San Juan 30-5 #53E	SE/4	S/2 Section 16-T30N-R5W
San Juan 30-5 #110	NE/4	N/2 Section 16-T30N-R5W

Upon approval of the Cost Estimates, the costs of this well will be borne by the Unit working interest owners in the Dakota Participating Area as follows:

Phillips Petroleum Company	83.937290%
Amoco Production Company	13.431540%
El Paso Production Company	1.924250%
Texaco Exploration & Production Co.	.706920%

Indicate your approval of the 1993 First Supplemental Plan of Development by signing in the space provided below and return one copy to the undersigned.

Very truly yours,

PHILLIPS PETROLEUM COMPANY

A. J. Kieke, CPL
Area Landman
San Juan Basin
(505) 599-3410

This First Supplemental 1993 Plan of Development for the San Juan 30-5 Unit is hereby accepted and approved this _____ day of _____, 1993.

By: _____

Name: _____

Title: _____

Company: _____

cc: R. G. Flesher (r) Supervisors (r) Unit File
D. B. Evans (r) J. L. Mathis (r) GF-5397



PHILLIPS PETROLEUM COMPANY

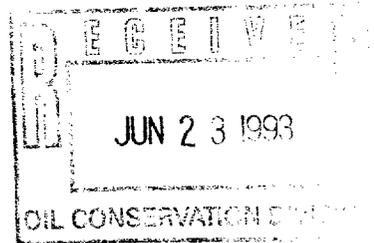
FARMINGTON, NEW MEXICO 87401
5525 HWY. 64 NBU 3004

June 18, 1993

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

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

State of New Mexico
Oil Conservation Division
Attn: Mr. William J. LeMay
310 Old Santa Fe Trail, Room 206
Santa Fe, New Mexico 87503
(2 copies)



Re: San Juan 30-5 Unit
#14-08-001-346
Rio Arriba County, New Mexico
First Supplemental 1993
Plan of Development
GF-5397

Gentlemen:

By letter dated March 8, 1993 Phillips Petroleum Company filed the 1993 Plan of Development (POD) for the San Juan 30-5 Unit. Said plan has been approved by the Bureau of Land Management, the Oil Conservation Commission and Commissioner of Public Lands, State of New Mexico.

Subsequent to filing the original 1993 Plan of Development, it was proposed that two (2) Dakota wells be included in this First Supplemental 1993 Plan of Development under the 1993 Drilling Program. Phillips Petroleum Company as unit operator of the San Juan 30-5 Unit has contacted each Working Interest Owner in accordance with Section 7 of the Unit Operating Agreement.

These proposed Dakota wells are as follows:

<u>Well Number</u>	<u>Drilling Block</u>
San Juan 30-5 #53E	S/2 Section 16, T30N, R5W
San Juan 30-5 #110	N/2 Section 16, T30N, R5W

San Juan 30-5 Unit
#14-08-001-346
June 18, 1993
Page 2

If this First Supplemental 1993 Drilling Program for the San Juan 30-5 Unit meets with your approval, please signify by signing in the space provided and returning an approved copy to the attention of the undersigned.

Very truly yours,

PHILLIPS PETROLEUM COMPANY



A. J. Kieke, CPL
Area Landman
San Juan Basin
(505) 599-3410

cc: San Juan 30-5 Unit
Working Interest Owners

APPROVED _____

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

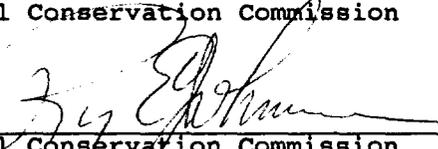
DATE _____

APPROVED _____

Commissioner of Public Lands
Subject to like approval by the
Area Oil and Gas Supervisor and the
Oil Conservation Commission

DATE _____

APPROVED _____



Oil Conservation Commission
Subject to like approval by the
Area Oil and Gas Supervisor and the
Commissioner of Public Lands

DATE 7-1-93

The foregoing approvals are for the First Supplemental 1993 Plan of Development for the San Juan 30-5 Unit #14-08-001-346.



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

SLO REF NO. OG-1268

March 17, 1993

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

Attn: Mr. A. J. Kieke, CPL

Re: 1993 Plan of Development
San Juan 30-5 Unit
Rio Arriba County, New Mexico

Gentlemen:

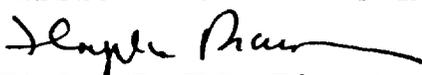
The Commissioner of Public Lands has this date approved the above captioned Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

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

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

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: 
FLOYD O. PRANDO, Director
Oil and Gas Division
(505) 827-5744

JB/FOP/pm
cc: OCD
BLM

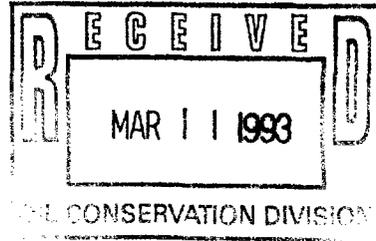


PHILLIPS PETROLEUM COMPANY

FARMINGTON, NEW MEXICO 87401
5525 HWY. 64 NBU 3004

March 8, 1993

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



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

State of New Mexico
Oil Conservation Division
Attn: Mr. William J. LeMay
310 Old Santa Fe Trail, Room 206
Santa Fe, New Mexico 87503
(2 copies)

Re: San Juan 30-5 Unit
#14-08-001-346
Rio Arriba County, New Mexico
1993 Plan of Development
GF-5397

Gentlemen:

By letter dated March 2, 1992 Phillips Petroleum Company as Unit Operator, filed the 1992 Plan of Development (POD) for the San Juan 30-5 Unit. The POD indicated that seventeen (17) Fruitland Coal wells would be drilled during 1992. Note the following list describing the wells and their disposition.

Well Number	Disposition
San Juan 30-5 #214	Carried over to 1993 POD
San Juan 30-5 #220	Carried over to 1993 POD
San Juan 30-5 #221	Carried over to 1993 POD
San Juan 30-5 #228	Drilled
San Juan 30-5 #232	Drilled
San Juan 30-5 #233	Drilled

San Juan 30-5 Unit
 #14-08-001-346
 1993 Plan of Development
 March 8, 1993
 Page 2

Well Number	Disposition
San Juan 30-5 #234	Drilled
San Juan 30-5 #235	Drilled
San Juan 30-5 #237	Drilled
San Juan 30-5 #238	Drilled
San Juan 30-5 #239	Carried over to 1993 POD
San Juan 30-5 #240	Drilled
San Juan 30-5 #241	Drilled
San Juan 30-5 #242	Drilled
San Juan 30-5 #243	Carried over to 1993 POD
San Juan 30-5 #244	Carried over to 1993 POD
San Juan 30-5 #245	Carried over to 1993 POD

As of this date, the total number of wells drilled and operated by Phillips Petroleum Company on acreage committed to the San Juan 30-5 Unit are as follows:

Fruitland Coal, commercial	3
Fruitland Coal, undetermined	34
Pictured Cliffs, commercial	2
Pictured Cliffs, plugged and abandoned	2
Pictured Cliffs/Mesaverde, commercial	2
Mesaverde, non-commercial	1
Mesaverde, temporarily abandoned	1
Mesaverde, commercial	47
Mesaverde, plugged and abandoned	6
Mesaverde/Dakota, plugged and abandoned	2
Mesaverde/Dakota (Mesaverde commercial, Dakota non-commercial)	1
Dakota, commercial	35
Dakota, commerciality undetermined	2
Dakota, non-commercial	5
Dakota/Gallup, non-commercial	2
TOTAL	145

The Participating Areas which have been established in the San Juan 30-5 Unit are as follows:

FORMATION	REVISION	EFFECTIVE
Fruitland	Second	July 1, 1990
Pictured Cliffs	Third	November 1, 1982
Mesaverde	Thirty-Second	October 1, 1985
Dakota	Fifteenth	July 1, 1984
Dakota "A"	Initial	January 17, 1974

San Juan 30-5 Unit
#14-08-001-346
1993 Plan of Development
March 8, 1993
Page 3

Pursuant to Section 10 of the San Juan 30-5 Unit Agreement, Phillips Petroleum Company, as Unit Operator, has solicited and received majority approval from the San Juan 30-5 Unit Working Interest Owners to include the following Fruitland Coal Wells in the 1993 Plan of Development:

WELL NUMBER	DRILLING BLOCK
San Juan 30-5 #214	W/2 Section 5-30N-5W
San Juan 30-5 #220	W/2 Section 8-30N-5W
San Juan 30-5 #221	E/2 Section 9-30N-5W
San Juan 30-5 #239	W/2 Section 15-30N-5W
San Juan 30-5 #243	E/2 Section 15-30N-5W
San Juan 30-5 #244	W/2 Section 9-30N-5W
San Juan 30-5 #245	W/2 Section 10-30N-5W
San Juan 30-5 #246	W/2 Section 26-30N-5W
San Juan 30-5 #247	E/2 Section 26-30N-5W
San Juan 30-5 #248	W/2 Section 35-30N-5W
San Juan 30-5 #249	E/2 Section 23-30N-5W
San Juan 30-5 #250	E/2 Section 35-30N-5W
San Juan 30-5 #251	W/2 Section 25-30N-5W

Phillips Petroleum Company, as Unit Operator, will drill any wells that may be required to prevent drainage and any other wells deemed necessary or requested by the Unit Working Interest Owners under the terms and provisions of the Unit Operating Agreement.

Please signify your approval as required under Section 10 of the Unit Agreement by signing in the space provided for on the attached sheet and returning an approved copy to the undersigned.

Copies of this 1993 Plan of Development are being sent to the Working Interest Owners as shown on the attached sheet.

Respectfully,

PHILLIPS PETROLEUM COMPANY



A. J. Kieke, CPL
Area Landman
San Juan Basin

cc: SJ 30-5 Unit WIO's
R. G. Flesher (r) Supervisors
J. G. Bearden
D. B. Evans, J. L. Mathis (r) GF-5397

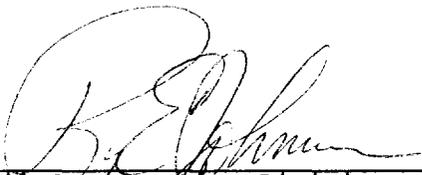
San Juan 30-5 Unit
#14-08-001-346
1993 Plan of Development
March 8, 1993
Page 4

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

DATE _____

APPROVED _____
Commissioner of Public Lands
Subject to like approval by the
Area Oil and Gas Supervisor and the
Oil Conservation Division

DATE _____

APPROVED  _____
Oil Conservation Division
Subject to like approval by the
Area Oil and Gas Supervisor and the
Commissioner of Public Land

DATE 3-11-93

The foregoing approvals are for the 1993 Plan of Development for the San Juan 30-5 Unit #14-08-001-346.

San Juan 30-5 Unit Working Interest Owners
1/12/93

Amoco Production Company
Southern Div. Prod. Mgr.
P. O. Box 800
Denver, CO 80201

Meridian Oil Prod. Inc.
Land Department
P. O. Box 4289
Farmington, NM 87499

Valero Coal Company
P. O. Box 500
San Antonio, TX 78292-0500
Attn: Travis Crow

Araphoe Drilling
P. O. Box 26687
Albuquerque, NM 87125

Robert Tinnin
P. O. Box 1885
Albuquerque, NM 87103

Evelyn G. Brown
c/o James Brown
14 Alpine Road
Greenwich, CT 06830

Ruth Zimmerman Trust
842 Muirlands Vista Way
LaJolla, CA 92037

Kerr-McGee Corporation
110 N. Marienfield
Suite 330
Midland, TX 79701

Sunwest Bk of Albuquerque
Agent for Kathleen Quinn
P. O. Box 26900
Albuquerque, NM 87125

H. O. & T. K. Pool Trust
c/o 1st Intrst Bk of OK
P. O. Box 25189
Oklahoma City, OK 73125

Texaco Expl. & Prod. Inc.
Joint Interest Operations
P. O. Box 46555
Denver, CO 80201-6555

Jay I. Cohen, Trustee
Abercrombie Trust
10370 Richmond, St 710
Houston, TX 77042

Thomas A. & Mary E. Dugan
P. O. Box 420
Farmington, NM 87499-0420

Langdon D. Harrison
7517 Tammoron NE
Albuquerque, NM 87109

Williams Production Co.
Attn: Mgr. Leasehold Oprs.
P. O. Box 58900
Salt Lake City, UT 84158-0900

Mar Oil & Gas Corp.
Attn: M. A. Romero
P. O. Box 5155
Santa Fe, NM 87502

Max B. Rotholz
1323 N. Fulton
Wharton, TX 77488



PHILLIPS PETROLEUM COMPANY

FARMINGTON, NEW MEXICO 87401
5525 HWY. 64 NBU 3004

OIL CONSERVATION DIVISION
RECEIVED
'92 JUL 23 AM 8 49
Beal ✓
Larry ✓
Mike ✓
David

July 22, 1992

- San Juan 29-5 Unit Owners
- San Juan 29-6 Unit Owners
- San Juan 30-5 Unit Owners
- San Juan 31-6 Unit Owners
- San Juan 32-7 Unit Owners
- San Juan 32-8 Unit Owners

Re: San Juan 29-5 Unit - GF-5395
 San Juan 29-6 Unit - GF-5396
 San Juan 30-5 Unit - GF-5397
 San Juan 31-6 Unit - GF-5469
 San Juan 32-7 Unit - GF-5464
 San Juan 32-8 Unit - GF-5465
 Rio Arriba and San Juan Counties

Case 417

Gentlemen:

Find enclosed the Bureau of Land Management response to my July 1, 1992 letter requesting interpretation of Section 11(a) respective referenced Unit Agreements.

Please note that under provisions of 43 CFR 3165.3, you may request an Administrative Review of the orders described therein within twenty (20) days from July 21, 1992.

Advise if you have any questions or comments.

Very truly yours,

PHILLIPS PETROLEUM COMPANY

A. J. Kieke

A. J. Kieke, CPL
Area Landman
San Juan Basin
(505) 599-3410

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

Certified mail - P 081-702-526



United States Department of the Interior

RECEIVED
BUREAU OF LAND MANAGEMENT

'92 JUL 23 10 18 AM '92
Farmington Resource Area
1235 Laplata Highway

Farmington, New Mexico 87401 San Juan 29-5 Unit et al. (GC)

TAKE
PRIDE IN
AMERICA

IN REPLY REFER TO
3180 (019)

RECEIVED

JUL 22 1992

PHILLIPS PETROLEUM CO.
FARMINGTON AREA

JUL 21 1992

CERTIFIED--RETURN RECEIPT REQUESTED
P 081 702 526

Mr. Jay Kieke
Phillips Petroleum Company
5525 Highway 64, NBU 3004
Farmington, NM 87401

Dear Mr. Kieke:

Your letter dated July 1, 1992, requested our interpretation of Section 11(a) of the San Juan 29-5 Unit, and its affect on establishing separate Fruitland Coal and Fruitland Sand participating areas (PAs). This section states that for the purposes of the agreement, all wells completed for production in the Fruitland Formation shall be regarded as producing from a single zone or pool. This language is common to the San Juan 29-5, 29-6, 30-5, 31-6, 32-7, and 32-8 Unit Agreements.

This language is very straight forward. The agreement eliminates any distinction between the varying zones within the formation. It requires that any paying Fruitland Formation well, whether sand or coal, be included in a common PA. Therefore, separate PAs cannot be established.

In your letter, you provided some of the problems with combining both Fruitland coal and sand wells within the same PA, such as owners of non-Fruitland coal wells having to share in costs and potential problems with drainage protection. While these problems would be eliminated if separate PAs were formed, the terms of the agreement do not allow it.

You also referred to a number of PA approval letters from both our office and NMOCD. These letters have approved both the establishment and revision of Fruitland Coal PAs. We regret that the language in our approval letters has caused some confusion on this matter. Per the unit agreement, these approvals are for Fruitland Formation PAs, not Fruitland Coal PAs. We will issue clarification letters stating that these PAs are not Fruitland Coal PAs, but rather Fruitland Formation PAs.

Under provisions of 43 CFR 3165.3, you may request an Administrative Review of the orders described above. Such request, including all supporting documents, must be filed in writing within 20 business days of receipt of this notice and must be filed with the State Director, Bureau of Land Management, P. O. Box 27115, Santa Fe, New Mexico 87502-0115. Such request shall not result in a suspension of the order(s) unless the reviewing official so determines. Procedures governing appeals from instructions, orders or decisions are contained in 43 CFR 3165.4 and 43 CFR 4.400 et seq.

We hope that this letter clarifies our position on this matter. We request that you provide other working interest owners in the unit a copy of this decision. If you need any additional information, please call Duane Spencer at (505) 599-8950.

Sincerely,

Duane M. Spencer
for Mike Pool
Area Manager



PHILLIPS PETROLEUM COMPANY

FARMINGTON, NEW MEXICO 87401
5525 HWY. 64 NBU 3004

#417

ALBUQUERQUE DIVISION
80

MAR 10 10 10

March 2, 1992

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

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

State of New Mexico
Oil Conservation Commission
Attn: Mr. William J. LeMay
310 Old Santa Fe Trail, Room 206
Santa Fe, New Mexico 87503
(2 copies)

Re: San Juan 30-5 Unit
#14-08-001-346
Rio Arriba County, New Mexico
1992 Plan of Development
GF-5397

Gentlemen:

By letter dated March 26, 1991 Northwest Pipeline Corporation (Northwest) as Unit Operator, filed the 1991 Plan of Development (POD) for the San Juan 30-5 Unit except for Fruitland development. No wells were included in Northwest's 1991 POD. By letter dated February 7, 1991, Phillips Petroleum Company (Phillips) as sub-operator of the Fruitland formation filed the 1991 POD for the captioned unit area. Effective April 1, 1991, Phillips was approved as successor Unit Operator to Northwest. By letter dated June 7, 1991, Phillips filed the First Supplemental POD. By letter dated September 16, 1991, Phillips filed the Second Supplemental POD. The POD's indicated that nine (9) Fruitland Coal wells would be drilled during 1991. Note the following list describing the wells, the POD under which the well was submitted, and disposition.

Well Number	1991 POD	Disposition
San Juan 30-5 #214	Initial	Carried over to 1992 POD
San Juan 30-5 #220	Initial	Carried over to 1992 POD
San Juan 30-5 #225	Initial	Drilled
San Juan 30-5 #228	Initial	Carried over to 1992 POD
San Juan 30-5 #234	1st Supplemental	Carried over to 1992 POD
San Juan 30-5 #235	1st Supplemental	Carried over to 1992 POD
San Juan 30-5 #236	1st Supplemental	Drilled
San Juan 30-5 #237	2nd Supplemental	Carried over to 1992 POD
San Juan 30-5 #238	2nd Supplemental	Carried over to 1992 POD

San Juan 30-5 Unit
 #14-08-001-346
 1992 Plan of Development
 March 2, 1992
 Page 2

As of this date, the total number of wells drilled and operated by Phillips Petroleum Company on acreage committed to the San Juan 30-5 Unit are as follows:

Fruitland Coal, undetermined	27
Pictured Cliffs, commercial	2
Pictured Cliffs, plugged and abandoned	2
Pictured Cliffs/Mesaverde, commercial	2
Mesaverde, non-commercial	1
Mesaverde, temporarily abandoned	1
Mesaverde, commercial	47
Mesaverde, plugged and abandoned	6
Mesaverde/Dakota, plugged and abandoned	2
Mesaverde/Dakota (Mesaverde commercial, Dakota non-commercial)	1
Dakota, commercial	35
Dakota, commerciality undetermined	2
Dakota, non-commercial	5
Dakota/Gallup, non-commercial	<u>2</u>
TOTAL	135

The Participating Areas which have been established in the San Juan 30-5 Unit are as follows:

FORMATION	REVISION	EFFECTIVE
Pictured Cliffs	Third	November 1, 1982
Mesaverde	Thirty-Second	October 1, 1985
Dakota	Fifteenth	July 1, 1984
Dakota "A"	Initial	January 17, 1974

Pursuant to Section 10 of the San Juan 30-5 Unit Agreement, Phillips Petroleum Company, as Unit Operator, has solicited and received majority approval from the San Juan 30-5 Unit Working Interest Owners to include the following Fruitland Coal Wells in the 1992 Plan of Development:

WELL NUMBER	DRILLING BLOCK
San Juan 30-5 #214	W/2 Section 5-30N-5W
San Juan 30-5 #220	W/2 Section 8-30N-5W
San Juan 30-5 #221	E/2 Section 9-30N-5W
San Juan 30-5 #228	W/2 Section 28-30N-5W
San Juan 30-5 #232	E/2 Section 33-30N-5W
San Juan 30-5 #233	W/2 Section 33-30N-5W
San Juan 30-5 #234	W/2 Section 22-30N-5W

San Juan 30-5 Unit
#14-08-001-346
1992 Plan of Development
March 2, 1992
Page 3

Well Number	Drilling Block
San Juan 30-5 #235	E/2 Section 27-30N-5W
San Juan 30-5 #237	E/2 Section 16-30N-5W
San Juan 30-5 #238	E/2 Section 34-30N-5W
San Juan 30-5 #239	W/2 Section 15-30N-5W
San Juan 30-5 #240	E/2 Section 22-30N-5W
San Juan 30-5 #241	W/2 Section 23-30N-5W
San Juan 30-5 #242	W/2 Section 34-30N-5W
San Juan 30-5 #243	E/2 Section 15-30N-5W
San Juan 30-5 #244	W/2 Section 9-30N-5W
San Juan 30-5 #245	W/2 Section 10-30N-5W

Phillips Petroleum Company, as Unit Operator, will drill any wells that may be required to prevent drainage and any other wells deemed necessary or requested by the Unit Working Interest Owners under the terms and provisions of the Unit Operating Agreement.

Please signify your approval as required under Section 10 of the Unit Agreement by signing in the space provided for on the attached sheet and returning an approved copy to the undersigned.

Copies of this 1992 Plan of Development are being sent to the Working Interest Owners as shown on the attached sheet.

Respectfully,

PHILLIPS PETROLEUM COMPANY



A. J. Kieke, CPL
Area Landman
San Juan Basin

cc: SJ 30-5 Unit WIO's
N. L. Maddox (r) GF-5397
R. G. Flesher (r) K. L. Czirr (r) T. R. Moore
R. A. Allred
J. G. Bearden
R. T. Hillburn
O. J. Mitchell

San Juan 30-5 Unit
#14-08-001-346
1992 Plan of Development
March 2, 1992
Page 4

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

DATE _____

APPROVED _____
Commissioner of Public Lands
Subject to like approval by the
Area Oil and Gas Supervisor and the
Oil Conservation Commission

DATE _____

APPROVED  _____
Oil Conservation Commission
Subject to like approval by the
Area Oil and Gas Supervisor and the
Commissioner of Public Land

DATE 3-6-92

The foregoing approvals are for the 1992 Plan of Development for the San Juan 30-5 Unit #14-08-001-346.

San Juan 30-5 Unit Working Interest Owners
2/27/92

Amoco Production Company
Southern Div. Prod. Mgr.
P. O. Box 800
Denver, CO 80201

Meridian Oil Prod. Inc.
Land Department
P. O. Box 4289
Farmington, NM 87499

Araphoe Drilling
P. O. Box 26687
Albuquerque, NM 87125

Robert Tinnin
P. O. Box 1885
Albuquerque, NM 87103

Evelyn G. Brown
c/o James Brown
14 Alpine Road
Greenwich, CT 06830

Ruth Zimmerman Trust
842 Muirlands Vista Way
LaJolla, CA 92037

Kerr-McGee Corporation
110 N. Marienfield
Suite 330
Midland, TX 79701

Sunwest Bk of Albuquerque
Agent for Kathleen Quinn
P. O. Box 26900
Albuquerque, NM 87125

H. O. & T. K. Pool Trust
c/o 1st Intrst Bk of OK
P. O. Box 25189
Oklahoma City, OK 73125

Texaco, Inc.
Joint Interest Operations
P. O. Box 46555
Denver, CO 80201-6555

Jay I. Cohen, Trustee
Abercrombie Trust
10370 Richmond, St 710
Houston, TX 77042

Thomas A. & Mary E. Dugan
P. O. Box 420
Farmington, NM 87499-0420

Langdon D. Harrison
7517 Tammoron NE
Albuquerque, NM 87109

Williams Production Co.
Attn: Vern Hansen
295 Chipeta Way
Salt Lake City, UT 84108

Mar Oil & Gas Corp.
Attn: M. A. Romero
P. O. Box 5155
Santa Fe, NM 87502

Max B. Rotholz
1323 N. Fulton
Wharton, TX 77488



PHILLIPS PETROLEUM COMPANY

FARMINGTON, NEW MEXICO 87401
5525 HWY. 64 NBU 3004

SEP 19 1991 9 05

September 16, 1991

Assistant District Manager, Minerals
Bureau of Land Management
Farmington Resource Area
1235 La Plata Highway
Farmington, New Mexico 87401
(4 copies enclosed)

State of New Mexico
Commissioner of Public Lands
Attn: Mr. Floyd O. Prando
P. O. Box 1148
Sante Fe, New Mexico 87504-1148
(2 copies enclosed)

State of New Mexico
Oil Conservation Commission
Attn: Mr. William J. LeMay
310 Old Sante Fe Trail, Room 206
Sante Fe, New Mexico 87503
(2 copies enclosed)

Re: San Juan 30-5 Unit
#14-08-001-346
Rio Arriba County, New Mexico
Second Supplemental 1991
Drilling Program
GF-5397

Gentlemen:

By letter dated March 26, 1991, Northwest Pipeline Corporation, as Unit Operator, filed the 1990 Drilling Program for the San Juan 30-5 Unit, except for Fruitland development. By letter dated February 7, 1991 Phillips Petroleum Company, as sub-operator of the Fruitland formation filed the 1991 Drilling Program for the subject unit. By letter dated June 7, 1991, Phillips Petroleum Company, as Unit Operator, filed the First Supplemental 1991 Drilling Program for this Unit.

Subsequent to filing the original and First Supplemental 1991 Drilling Programs, it has been proposed that two (2) Fruitland Coal wells be drilled under the 1991 Drilling Program. Phillips Petroleum

Drilling Program
San Juan 30-5 Unit
September 16, 1991
Page 2

Company as Unit Operator of the San Juan 30-5 Unit has contacted all Working Interest Owners in accordance with Section 7 of the Unit Operating Agreement.

The proposed Fruitland Coal wells are as follows:

<u>WELL NUMBER</u>	<u>(All Located in T30N-R5W) DRILLING BLOCK</u>
SAN JUAN 30-5 UNIT #237	E/2 SEC. 16
SAN JUAN 30-5 UNIT #238	E/2 SEC. 34

If this Second Supplemental 1991 Drilling Program for the San Juan 30-5 unit meets your approval, please signify by signing in the space provided below and return an approved copy to the attention of the undersigned.

Copies of this letter are being sent to the Working Interest Owners as shown on the attached list.

Very truly yours,

PHILLIPS PETROLEUM COMPANY



A. J. Kieke, CPL
Area Landman
San Juan Basin
(505) 599-3410

Second Supplemental 1991
Drilling Program
San Juan 30-5 Unit
September 16, 1991
Page 3

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 _____

COMMISSION OF PUBLIC LANDS
Subject to like approval by the
Area Oil and Gas Supervisor, BLM
and the Oil Conservation Commission

APPROVED  _____ DATE 9-20-91

OIL CONSERVATION COMMISSION
Subject to like approval by the
Area Oil and Gas Supervisor, BLM
and the Commissioner of Public Lands

The foregoing approvals are for the Second Supplemental 1991
Drilling Program for the San Juan 30-5 Units. #14-08-001-346.

Amoco Production Company
Southern Div. Prod. Mgr.
P. O. Box 800
Denver, CO 80201

Meridian Oil Prod. Inc.
Land Department
P. O. Box 4289
Farmington, NM 87499

Araphoe Drilling
P. O. Box 26687
Albuquerque, NM 87125

Robert Tinnin
P. O. Box 1885
Albuquerque, NM 87103

Evelyn G. Brown
c/o James Brown
14 Alpine Road
Greenwich, CT 06830

Ruth Zimmerman Trust
842 Muirlands Vista Way
LaJolla, CA 92037

Kerr-McGee Corporation
110 N. Marienfield
Suite 330
Midland, TX 79701

Sunwest Bk of Albuquerque
Agent for Kathleen Quinn
P. O. Box 26900
Albuquerque, NM 87125

H. O. & T. K. Pool Trust
c/o 1st Intrst Bk of OK
P. O. Box 25189
Oklahoma City, OK 73125

Texaco, Inc.
Joint Interest Operations
P. O. Box 46555
Denver, CO 80201-6555

Jay I. Cohen, Trustee
Abercrombie Trust
10370 Richmond, St 710
Houston, TX 77042

Thomas A. & Mary E. Dugan
P. O. Box 420
Farmington, NM 87499-0420

Langdon D. Harrison
7517 Tammoron NE
Albuquerque, NM 87109

Williams Production Co.
Attn: Vern Hansen
295 Chipeta Way
Salt Lake City, UT 84108

Mar Oil & Gas Corp.
Attn: M. A. Romero
P. O. Box 5155
Santa Fe, NM 87502

Max B. Rotholz
1323 N. Fulton
Wharton, TX 77488



PHILLIPS PETROLEUM COMPANY

FARMINGTON, NEW MEXICO 87401
5525 HWY. 64 NBU 3004

OIL CONSERVATION DIVISION
11 10
1991 JUN 7 11 09 26

June 7, 1991

#417

Assistant District Manager, Minerals
Bureau of Land Management
Farmington Resource Area
1235 La Plata Highway
Farmington, NM 87401
(4 copies enclosed)

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

State of New Mexico
Oil Conservation Commission
Attn: Mr. William J. LeMay
310 Old Santa Fe Trail, Room 206
(2 copies enclosed)

Re: San Juan 30-5 Unit
#14-08-001-346
Rio Arriba County, New Mexico
First Supplemental 1991
Drilling Program
GF-5397

Gentlemen:

By letter dated March 26, 1990, Northwest Pipeline Corporation, as Unit Operator, filed the 1991 Drilling Program for the San Juan 30-5 Unit, except for Fruitland development. By letter dated February 7, 1991, Phillips Petroleum Company, as sub-operator of the Fruitland formation filed the 1991 Drilling Program for the subject unit.

Subsequent to filing the original 1991 Drilling Program, it has been proposed that three (3) additional Fruitland Coal wells be drilled under the 1991 Drilling Program. Phillips Petroleum Company as Unit Operator of the San Juan 30-5 Unit has contacted all Working Interest Owners in accordance with Section 7 of the Unit Operating Agreement.

June 7, 1991
First Supplemental 1991
Drilling Program
San Juan 30-5 Unit
Page two

The Proposed Fruitland Coal wells are as follow:

<u>WELL NUMBER</u>	<u>(ALL LOCATED IN T30N-R5W) DRILLING BLOCK</u>
SAN JUAN 30-5 UNIT #234	W/2 SEC. 22
SAN JUAN 30-5 UNIT #235	E/2 SEC. 27
SAN JUAN 30-5 UNIT #236	W/2 SEC. 27

If this First Supplemental 1991 Drilling Program for the San Juan 30-5 unit meets your approval, please signify by signing in the space provided below and return an approved copy to the attention of the undersigned.

Copies of this letter are being sent to the Working Interest Owners as shown on the attached list.

Very truly yours,

PHILLIPS PETROLEUM COMPANY



A. J. Kieke, CPL
Area Landman
San Juan Basin
(505) 599-3410

30-5.91P

June 7, 1991
First Supplemental 1991
Drilling Program
San Juan 30-5 Unit
Page three

APPROVED _____ DATE _____

ASSISTANT DISTRICT MANAGER, MINERALS
BUREAU OF LAND MANAGEMENT
Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Commission

APPROVED _____ DATE _____

COMMISSIONER OF PUBLIC LANDS
Subject to like approval by the
Area Oil and Gas Supervisor, BLM
and the Oil Conservation Commission

APPROVED  _____ DATE 7-1-91

OIL CONSERVATION COMMISSION
Subject to like approval by
the Area Oil and Gas Supervisor, BLM
and the Commissioner of Public Lands

The foregoing approvals are for the First Supplemental 1991
Drilling Program for the San Juan 30-5 Units. #14-08-001-346.



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

April 11, 1991

Northwest Pipeline Corporation
P.O. Box 8900
Salt Lake City, Utah 84018-0900

Attn: Mr. Darrell Gillen

Re: San Juan 30-5 Unit
Rio Arriba County, New Mexico
1991 Plan of Development Approval

Dear Mr. Gillen:

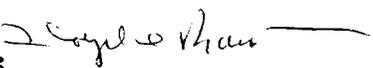
The Commissioner of Public Lands has this date approved the 1991 Plan of Development for the San Juan 30-5 Unit. Our approval is subject to like approval by all other appropriate agencies.

There is a possibility of drainage by wells outside the Unit Area and the need for further development may exist.

If we may be of further assistance please contact our office at (505) 827-5791.

Sincerely,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

By: 
Floyd O. Prando, Director
Oil, Gas & Minerals Division

JB/FOP/DM/dm

cc: OCD
Unit POD File
Unit Correspondence File
Phillips Petroleum Company

NORTHWEST PIPELINE CORPORATION 
ONE OF THE WILLIAMS COMPANIES

191093.wp

P.O. BOX 8900
SALT LAKE CITY, UTAH 84108-0900
801-583-8800

March 26, 1991

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

State of New Mexico
Commissioner of Public Lands
ATTN: Mr. Floyd O. Prando
P.O. Box 1148
Santa Fe NM 87504-1148

State of New Mexico
Oil Conservation Commission
ATTN: Mr. William J. LeMay
310 Old Santa Fe Trail, Room 206
Santa Fe NM 87503

Re: San Juan 30-5 Unit, #14-08-001-346
Rio Arriba County, New Mexico
1991 Plan of Development

Gentlemen:

By letter dated February 26, 1990, Northwest Pipeline Corporation, as Unit Operator, filed the 1990 Plan of Development for the referenced unit. The Plan of Development indicated that ten Fruitland Coal formation wells would be drilled during 1990 in the Unit. In February of 1990, Northwest Pipeline Corporation designated Phillips Petroleum Company as Suboperator of the Fruitland formation within the Unit, therefore, Phillips Petroleum Company will provide an accounting

Assistant District Manager, Minerals
 Commissioner of Public Lands
 Oil Conservation Commission
 March 26, 1991
 page 2

of the Fruitland Coal formation wells drilled during 1990, as well as any Fruitland formation wells drilled under prior years drilling programs which are operated by Phillips.

As of this date the total number of wells drilled and operated by Northwest Pipeline Corporation in the San Juan 30-5 Unit on acreage committed to the unit is as follows:

Pictured Cliffs, plugged and abandoned	2
Pictured Cliffs, commercial	2
Pictured Cliffs/Mesaverde, commercial	2
Mesaverde, commercial	47
Mesaverde, non-commercial	1
Mesaverde, plugged and abandoned	6
Mesaverde, temporarily abandoned	1
Mesaverde/Dakota, plugged and abandoned	2
Mesaverde/Dakota, Mesaverde commercial, Dakota non-commercial)	1
Dakota, commercial	35
Dakota, non-commercial	5
Dakota, commerciality undetermined	2
Dakota/Gallup, non-commercial	<u>2</u>
TOTAL	108

The Participating Areas which have been established in the San Juan 30-5 Unit are as follows:

<u>Formation</u>	<u>Revision</u>	<u>Effective</u>
Pictured Cliffs	Third	November 1, 1982
Mesaverde	Thirty-second	October 1, 1985
Dakota	Fifteenth	July 1, 1984
Dakota	Initial "A"	January 17, 1974

Pursuant to Section 10 of the San Juan 30-5 Unit Agreement, Northwest Pipeline Corporation, as Unit Operator, is submitting a Plan of Development providing for the drilling of no wells during 1991.

Assistant District Manager, Minerals
Commissioner of Public Lands
Oil Conservation Committee
March 26, 1991
page 3

Northwest Pipeline Corporation, as Unit Operator, will drill any offset wells that may be required to prevent drainage of unitized substances and any other wells deemed necessary or which are requested by the Unit Operator or the Working Interest Owners.

If this Plan of Development is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to Northwest Pipeline Corporation.

Copies of this Plan of Development are being sent to the Working Interest Owners as shown on the attached sheet.

Sincerely,

NORTHWEST PIPELINE CORPORATION


Darrell L. Gillen
Land Manager

DLG:jb1

Attachment

cc: Working Interest Owners
W.O. Curtis
P.C. Thompson

Assistant District Manager, Minerals
Commissioner of Public Lands
Oil Conservation Committee
March 26, 1991
page 4

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

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

APPROVED  _____ DATE 4-8-91
Oil Conservation Commission
Subject to like approval by the
Area Oil and Gas Supervisor and
the Commissioner of Public Lands

The foregoing approvals are for the 1991 Plan of Development for the San Juan
30-5 Unit #14-08-001-346.

AMOCO PRODUCTION COMPANY
SOUTHERN DIVISION, PRODUCTION MGR.
1670 BROADWAY
P. O. BOX 800
DENVER, CO 80201

MAX B. ROTHOLZ
1323 N. FULTON
WHARTON, TX 77488

ARAPAHOE DRILLING
P. O. BOX 26687
ALBUQUERQUE, NM 87125

MERIDIAN OIL PRODUCTION INC.
LAND DEPARTMENT
P. O. BOX 4289
FARMINGTON, NM 87401

EVELYN G. BROWN
C/O JAMES BROWN
14 ALPINE ROAD
GREENWICH, CT 06830

PHILLIPS PETROLEUM COMPANY
ATTN: JAY KIEKE
300 WEST ARRINGTON, SUITE 200
FARMINGTON, NM 87401

H.O. & T.K. POOL TRUST
C/O FIRST INTERSTATE BANK OF OKLAHOMA
P. O. BOX 25189
OKLAHOMA CITY, OK 73125-0189

ROBERT TINNIN
P. O. BOX 1885
ALBUQUERQUE, NM 87103

JAY I. COHEN, TRUSTEE
ABERCROMBIE TRUST
10370 RICHMOND, SUITE 710
HOUSTON, TX 77042

RUTH ZIMMERMAN TRUST
842 MUIRLANDS VISTA WY.
LA JOLLA, CA 92037

KERR-MCGEE CORPORATION
110 N. MARIENFELD, SUITE 330
MIDLAND, TX 79701

SUNWEST BANK OF ALBUQUERQUE, N.A.
AGENT FOR KATHLEEN QUINN
P. O. BOX 26900
ALBUQUERQUE, NM 87125

LANGDON D. HARRISON
7517 TAMMORON N.E.
ALBUQUERQUE, NM 87109

TEXACO, INC.
JOINT INTEREST OPERATIONS
P. O. BOX 46555
DENVER, CO 80201-6555

MAR OIL & GAS CORPORATION
ATTN: M. A. ROMERO
P. O. BOX 5155
SANTA FE, NM 87502

THOMAS A. & MARY E. DUGAN
P. O. BOX 420
FARMINGTON, NM 87499-0420



PHILLIPS PETROLEUM COMPANY

FARMINGTON, NEW MEXICO 87401
300 W. ARRINGTON, SUITE 200, PHONE: 505 599-3400

EXPLORATION AND PRODUCTION

#417

February 7, 1991

Assistant District Manager, Minerals
Bureau of Land Management
Farmington Resource Area
1235 La Plata Highway
Farmington, New Mexico 87401
(3 copies enclosed)

State of New Mexico
Commissioner of Public Lands
P. O. Box 1148
Santa Fe, New Mexico 87504-1148
(2 copies enclosed)

Attn: Mr. Floyd O. Prando

State of New Mexico
Oil Conservation Commission
310 Old Santa Fe Trail, Room 206
Santa Fe, New Mexico 87503
(2 copies enclosed)

Attn: Mr. William J. Lemay

Re: San Juan 30-5 Unit
#14-08-001-346
Rio Arriba County, New Mexico
1991 Plan of Development
GF-5397

Gentlemen:

By letter dated February 26, 1990 Northwest Pipeline Corporation, as Unit Operator, filed the Initial 1990 San Juan 30-5 Unit Plan of Development. By letters dated May 7, 1990 and July 20, 1990, Phillips Petroleum Company, as Unit sub-operator of the Fruitland Formation, filed the First and Second Supplemental 1990 San Juan 30-5 Unit Plans of Development. The drilling programs indicated that thirty-one (31) Fruitland Coal wells and one (1) Entrada water disposal well would be drilled for the Unit. The following list describes those wells which have been drilled or dropped during 1990 and those wells carried over to the 1991 Plan of Development, if any.

San Juan 30-5 Unit
 #14-08-001-346
 Rio Arriba County, New Mexico
 1991 Plan of Development
 February 7, 1991
 Page 2

<u>Well No.</u>	<u>1990 Plan of Development</u>	<u>Disposition</u>
San Juan 30-5 Unit #203	Initial	Drilled
San Juan 30-5 Unit #204	Initial	Drilled
San Juan 30-5 Unit #205	Initial	Drilled
San Juan 30-5 Unit #206	Initial	Drilled
San Juan 30-5 Unit #207	Initial	Drilled
San Juan 30-5 Unit #208	Initial	Drilled
San Juan 30-5 Unit #209	Initial	Drilled
San Juan 30-5 Unit #210	Initial	Drilled
San Juan 30-5 Unit #211	Initial	Drilled
San Juan 30-5 Unit #212	Initial	Drilled
San Juan 30-5 Unit #213	First	Drilled
San Juan 30-5 Unit #214	First	Carried over to 1991 POD
San Juan 30-5 Unit #215	First	Drilled
San Juan 30-5 Unit #216	First	Drilled
San Juan 30-5 Unit #217	First	Drilled
San Juan 30-5 Unit #218	First	Drilled
San Juan 30-5 Unit #219	First	Drilled
San Juan 30-5 Unit #220	Second	Carried over to 1991 POD
San Juan 30-5 Unit #221	Second	Dropped
San Juan 30-5 Unit #222	Second	Dropped
San Juan 30-5 Unit #223	Second	Drilled
San Juan 30-5 Unit #224	Second	Drilled
San Juan 30-5 Unit #225	Second	Carried over to 1991 POD
San Juan 30-5 Unit #226	Second	Drilled
San Juan 30-5 Unit #227	Second	Drilled
San Juan 30-5 Unit #228	Second	Carried over to 1991 POD
San Juan 30-5 Unit #229	Second	Drilled
San Juan 30-5 Unit #230	Second	Drilled
San Juan 30-5 Unit #231	Second	Drilled
San Juan 30-5 Unit #232	Second	Dropped
San Juan 30-5 Unit #233	Second	Dropped
San Juan 30-5 Unit #301 SWD	First	Dropped

San Juan 30-5 Unit
#14-08-001-346
Rio Arriba County, New Mexico
1991 Plan of Development
February 7, 1991
Page 3

The total number of Fruitland wells drilled on acreage committed to the San Juan 30-5 Unit are as follows:

Fruitland Coal, undetermined 25

There have been no Participating Areas established for the Fruitland Formation to date.

Pursuant to Section 10 of the San Juan 30-5 Unit Agreement, Phillips Petroleum Company, as Unit sub-operator of the Fruitland Formation, has solicited and received majority concurrence from the San Juan 30-5 Unit Working Interest Owners to include the following Fruitland Coal wells in the 1991 Plan of Development:

<u>Well No.</u>	<u>Drilling Block</u>
San Juan 30-5 Unit #214	W/2 Section 5-30N-5W
San Juan 30-5 Unit #220	W/2 Section 8-30N-5W
San Juan 30-5 Unit #225	E/2 Section 29-30N-5W
San Juan 30-5 Unit #228	W/2 Section 28-30N-5W

Phillips Petroleum Company, as Unit sub operator of the Fruitland Corporation, will drill any wells that may be necessary to prevent drainage and any other wells deemed necessary or requested by the Unit sub-operator or the Unit Working Interest Owners under the terms and provisions of the Unit Operating Agreement.

Please signify your approval as required under Section 10 of the Unit Agreement by signing in the space provided for on the attached sheet and returning an approved copy to the undersigned.

San Juan 30-5 Unit
#14-08-001-346
Rio Arriba County, New Mexico
1991 Plan of Development
February 7, 1991
Page 4

Copies of the 1991 Plan of Development are being sent to the Working Interest Owners as shown on the attached sheet. If you need additional information please advise.

Very truly yours,

Phillips Petroleum Company



A. J. Kieke
Area Landman
San Juan Basin
(505) 599-3410

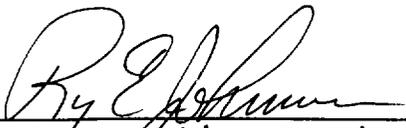
cc: Unit Working Interest Owners
J. E. Carlton
A. R. Lyons
R. T. Hillburn

#4 - 305pd.jay

San Juan 30-5 Unit
#14-08-001-346
Rio Arriba County, New Mexico
1991 Plan of Development
February 7, 1991
Page 5

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

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

APPROVED  _____ DATE 2-14-91
Oil Conservation Commission
Subject to like approval by the
Area Oil and Gas Supervisor and
the Commissioner of Public Lands

The foregoing approvals are for the 1991 Plan of Development for
the San Juan 30-5 Unit #14-08-001-346.

WORKING INTEREST OWNERS
SAN JUAN 30-5 UNIT

AMOCO PRODUCTION COMPANY
SOUTHERN DIVISION, PRODUCTION MGR.
1670 BROADWAY
P. O. BOX 800
DENVER CO. 80201

PHILLIPS PETROLEUM COMPANY
ATTN: A. J. KIEKE
300 W. ARRINGTON, SUITE 200
FARMINGTON, NM 87401

ARAPAHOE DRILLING
P. O. BOX 26687
ALBUQUERQUE, NM 87125

ROBERT TINNIN
P. O. BOX 1885
ALBUQUERQUE, NM 87103

EVELYN G. BROWN
C/O JAMES BROWN
14 ALPINE ROAD
GREENWICH, CT 06830

RUTH ZIMMERMAN TRUST
842 MUIRLANDS VISTA WY.
LA JOLLA, CA 92037

KERR-MCGEE CORP.
110 N. MARIENFELD, SUITE 330
MIDLAND, TX 79701

SUNWEST BANK OF ALBUQUERQUE, NA
AGENT FOR KATHLEEN QUINN
P. O. BOX 26900
ALBUQUERQUE, NM 87125

H. O. & T. K. POOL TRUST
C/O 1ST INTERSTATE BANK OF OKLAHOMA
P.O. BOX 25189
OKLAHOMA CITY, OK 73125-0189

TEXACO, INC
JOINT INTEREST OOPERATIONS
P. O. BOX 46555
DENVER, CO 80201-6555

JAY I COHEN, TRUSTEE
ABERCROMBIE TRUST
10370 RICHMOND, SUITE 710
HOUSTON, TX 77042

THOMAS A. & MARY E. DUGAN
P. O. BOX 420
FARMINGTON, NM 87499-0420

LANGDON D HARRISON
7517 TAMMORON N.E.
ALBUQUERQUE, NM 87109

NORTHWEST PIPELINE CORPORATION
3539 E 30TH STREET
FARMINGTON, NM 87401
ATTN: JEFF VAUGHN

MAR OIL & GAS CORPORATION
ATTN: M. A. ROMERO
P.O. BOX 5155
SANTA FE, NM 87502

NORTHWEST PIPELINE CORPORATION
295 CHIPETA WAY
SALT LAKE CITY, UTAH 84108
ATTN: VERN HANSEN

MAX B ROTHOLZ
1323 N. FULTON
WHARTON, TX 77488

MERIDIAN OIL PRODUCTION INC.
LAND DEPARTMENT
P. O. BOX 4289
FARMINGTON, NM 87401



United States ^{DIVISION} Department of the Interior

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA
1235 LAPLATA HIGHWAY
FARMINGTON, NEW MEXICO 87401



30 DEC 3 AM 9 12

IN REPLY REFER TO:

San Juan 30-5 Unit (POD)
3183.6 (019)

NOV. 30 1990

Phillips Petroleum Co.
300 W. Arrington, Suite 200
Farmington, NM 87401

Re: San Juan 30-5 Unit
2nd Supplement, 1990 POD

Gentlemen:

Enclosed is an approved copy of the second supplement to the 1990 Plan of Development for the San Juan 30-5 Unit. Your 1991 POD is due March 1, 1991.

Please call Duane Spencer at (505) 327-5344 if you have any questions concerning this matter.

Sincerely,

/s/ John L. Keller

John L. Keller
Chief, Branch of Mineral Resources

cc:
New Mexico Oil Conservation Division, 310 Old Santa Fe Trail, Room 206,
Santa Fe, NM 87503 w/o encl.
State of New Mexico, Commissioner of Public Lands, P. O. Box 1148,
Santa Fe, NM 87504 w/o encl.

State of New Mexico



Commissioner of Public Lands

W.R. HUMPHRIES
COMMISSIONER

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

October 12, 1990

Phillips Petroleum Company
300 W. Arrington, Suite 200
Farmington, NM 87401

Attn: A. J. Kieke, Area Landman

Re: San Juan 30-5 Unit
Rio Arriba County, New Mexico
1990 Plan of Development

#417

Dear Mr. Kieke:

The Commissioner of Public Lands this date approved the 1990 Plan of Development for the San Juan 30-5 Unit. Our approval is subject to like approval by all other appropriate agencies.

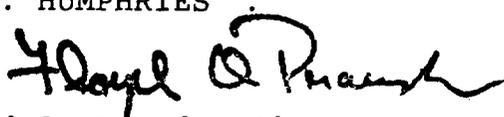
The possibility of drainage by wells outside of the Unit Area and the need for further development may exist. You will be contacted at a later date regarding these possibilities.

If we may be of further help, please do not hesitate to contact Clyde Langdale at (505) 827-5791.

Sincerely,

W. R. HUMPHRIES

BY:


Floyd O. Prando, Director
Oil, Gas & Minerals Division

cc: OCD
Unit Corresp.
Unit POD



PHILLIPS PETROLEUM COMPANY

FARMINGTON, NEW MEXICO 87401
300 W. ARRINGTON, SUITE 200, PHONE: 505 599-3400

EXPLORATION AND PRODUCTION

PHILLIPS PETROLEUM DIVISION
JUL 21 8 07 4 18

July 20, 1990

Assistant District Manager, Minerals
Bureau of Land Management
Farmington Resource Area
1235 La Plata Highway
Farmington, N. M. 87401
(4 Copies Enclosed)

State of New Mexico
Commissioner of Public Lands
Attn: Mr. Floyd O. Prando
P. O. Box 1148
Santa Fe, N. M. 87504-1148
(2 Copies Enclosed)

State of New Mexico
Oil Conservation Commission
Attn: Mr. William J. LeMay
310 Old Santa Fe Trail, Room 206
Santa Fe, N. M. 87503
(2 Copies Enclosed)

Re: San Juan 30-5 Unit
#14-08-001-346
Rio Arriba County, New Mexico
Second Supplemental 1990
Plan of Development
GF-5397

Gentlemen:

By letter dated February 26, 1990, Northwest Pipeline Corporation, as Unit Operator, filed the 1990 Plan of Development for the San Juan 30-5 Unit. By letter dated May 7, 1990, Phillips Petroleum Company, as sub-operator of the Fruitland Formation for the San Juan 30-5 Unit, filed the First Supplement to the 1990 Drilling Program.

Subsequent to filing the original and First Supplemental Drilling Programs, it has been proposed that (14) fourteen additional Fruitland Coal wells be drilled under the 1990 Drilling Program. The working interest owners have been contacted in accordance with Section 7 of the Unit Operating Agreement.

San Juan 30-5 Unit
Second Supplemental 1990
Drilling Program
July 20, 1990
Page 2 of 3

The proposed Fruitland Coal Wells are as follows:

<u>Well Number</u>	<u>Drilling Block</u> <u>(All Located in T30N-R5W)</u>
San Juan 30-5 #220	W/2 Section 8
San Juan 30-5 #221	E/2 Section 9
San Juan 30-5 #222	E/2 Section 10
San Juan 30-5 #223	E/2 Section 20
San Juan 30-5 #224	W/2 Section 17
San Juan 30-5 #225	E/2 Section 29
San Juan 30-5 #226	W/2 Section 29
San Juan 30-5 #227	E/2 Section 28
San Juan 30-5 #228	W/2 Section 28
San Juan 30-5 #229	E/2 Section 21
San Juan 30-5 #230	E/2 Section 32
San Juan 30-5 #231	W/2 Section 32
San Juan 30-5 #232	E/2 Section 33
San Juan 30-5 #233	W/2 Section 33

If this Second Supplemental 1990 Drilling Program for the San Juan 30-5 Unit meets your approval, please signify by signing in the space provided below and return an approved copy to the attention of the undersigned.

Copies of this letter are being sent to the Working Interest Owners as shown on the attached list.

Very truly yours,

Phillips Petroleum Company



A. J. Kieke
Area Landman
San Juan Basin

#1 - pd2s30-5.jay

San Juan 30-5 Unit
Second Supplemental 1990
Drilling Program
July 20, 1990
Page 3 of 3

APPROVED: _____

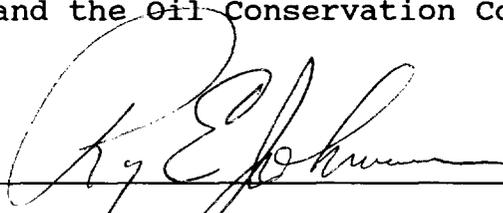
DATE: _____

ASSISTANT DISTRICT MANAGER, MINERALS
BUREAU OF LAND MANAGEMENT
Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Commission

APPROVED: _____

DATE: _____

COMMISSIONER OF PUBLIC LANDS
Subject to like approval by the
Area Oil and Gas Supervisor, BLM
and the Oil Conservation Commission

APPROVED:  _____

DATE: 7-25-90

OIL CONSERVATION COMMISSION
Subject to like approval by
the Area Oil and Gas Supervisor, BLM
and the Commissioner of Public Lands

The foregoing approvals are for the Second Supplemental 1990 Drilling
Program for the San Juan 30-5 Unit. #14-08-001-346.

U56N2650
03/29/90

WORKING INTEREST OWNERS
SAN JUAN 30-5 UNIT

✓ AMOCO PRODUCTION COMPANY
SOUTHERN DIVISION, PRODUCTION MGR.
1670 BROADWAY
P.O. BOX 800
DENVER, CO 80201

✓ MAX B. ROTHOLZ
1323 N. FULTON
WHARTON, TX 77488

Northwest Pipeline Corporation
3539 E. 30th Street
Farmington, NM 87401
Attn: Jeff Vaughn

✓ ARAPAHOE DRILLING
P.O. BOX 26687
ALBUQUERQUE, NM 87125

✓ MERIDIAN OIL PRODUCTION INC.
LAND DEPARTMENT
P.O. BOX 4289
FARMINGTON, NM 87401

✓ EVELYN G. BROWN
C/O JAMES BROWN
14 ALPINE ROAD
GREENWICH, CT 06830

PHILLIPS PETROLEUM COMPANY
ATTN: JAY KIEKE
300 WEST ARRINGTON, SUITE 200
FARMINGTON, NM 87401

✓ FLAG-REDFERN OIL COMPANY
P.O. BOX 11050
MIDLAND, TX 79702

ROBERT TINNIN
P.O. BOX 1885
ALBUQUERQUE, NM 87103

✓ H.O. & T.K. POOL TRUST
C/O FIRST INTERSTATE BANK OF OKLAHOMA
P.O. BOX 25189
OKLAHOMA CITY, OK 73125-0189

RUTH ZIMMERMAN TRUST
842 MUIRLANDS VISTA WY.
LA JOLLA, CA 92037

✓ JAY I. COHEN, TRUSTEE
ABERCROMBIE TRUST
10370 RICHMOND, SUITE 710
HOUSTON, TX 77042

SUNWEST BANK OF ALBUQUERQUE, N.A.
AGENT FOR KATHLEEN QUINN
P.O. BOX 26900
ALBUQUERQUE, NM 87125

✓ LANGDON D. HARRISON
7517 TAMMORON N.E.
ALBUQUERQUE, NM 87109

TEXACO, INC.
JOINT INTEREST OPERATIONS
P.O. BOX 46555
DENVER, CO 80201-6555

✓ MAR OIL & GAS CORPORATION
ATTN: M. A. ROMERO
P.O. BOX 5155
SANTA FE, NM 87502

THOMAS A. & MARY E. DUGAN
P.O. BOX 420
FARMINGTON, NM 87489-0420



PHILLIPS PETROLEUM COMPANY

FARMINGTON, NEW MEXICO 87401
300 W. ARRINGTON, SUITE 200, PHONE: 505 599-3400

EXPLORATION AND PRODUCTION

OIL CONSERVATION DIVISION
REC-100

'90 JUL 13 AM 9 09

July 10, 1990

Assistant District Manager, Minerals
Bureau of Land Management
Farmington Resource Area
1245 La Plata Highway
Farmington, N.M. 87401
(4 copies enclosed)
(Hand Delivered to BLM)

State of New Mexico
Commissioner of Public Lands
Attn: Mr. Floyd O. Prando
P. O. Box 1148
Santa Fe, N.M. 87504-1148
(2 copies enclosed)

State of New Mexico
Oil Conservation Commission
Attn: Mr. William J. LeMay
310 Old Santa Fe Trail, Room 206
Santa Fe, N.M. 87503
(2 copies enclosed)

Re: San Juan 30-5 Unit
#14-08-001-346
Rio Arriba County, New Mexico
Designation of Agent
San Juan 30-5 Unit
Wells 215 & 218

Gentlemen:

Please find enclosed for your review and approval Designation of Agent forms whereby Phillips Petroleum Company, as sub-operator of the Fruitland Formation for the San Juan 30-5 Unit designates Northwest Pipeline Corporation as agent to drill the San Juan 30-5 Unit 215 and 218 Fruitland coal wells.

The aforesaid wells are listed on the First Supplemental 1990 Drilling Program as approved by the BLM and New Mexico OCC on June 4, 1990 and May 14, 1990, respectively.

San Juan 30-5 Unit
#14-08-001-346
Rio Arriba County, New Mexico
Designation of Agent
San Juan 30-5 Unit Wells 215 & 218
July 10, 1990
Page 2

Please forward an approved copy to the undersigned.

Your timely response will be greatly appreciated.

Very truly yours,

PHILLIPS PETROLEUM COMPANY



A. J. Kieke
Area Landman
San Juan Basin
(505) 599-3410

AJK:dm

cc: Darrell Gillen - NWPL

#2 - sj30-51.jay

RECEIVED
DIVISION

90 JUN 7 AM 8 45

San Juan 30-5 Unit (POD)
3180 (019)

JUN 05 1990

Phillips Petroleum Company
Attn: A. J. Kieke
300 West Arrington, Suite 200
Farmington, NM 87499

Gentlemen:

One approved copy of your First Supplemental 1990 Plan of Development for the San Juan 30-5 Unit Area, Rio Arriba County, New Mexico is enclosed. Such plan, proposing the drilling of seven (7) additional Fruitland Coal wells and one (1) Entrada salt water disposal well during 1990, was approved on this date (subject to like approval by the appropriate officials of the State of New Mexico).

The possibility of drainage by wells outside of the unit boundary may exist. You will be contacted at a later date about this possibility.

If you have any questions, please contact Kenny Howell, Petroleum Engineer, at the above address or telephone (505) 327-5344.

Sincerely,

/s/ John L. Keller

John Keller, Chief
Branch of Mineral Resources

Enclosure

cc: New Mexico Oil Conservation Division, 310 Old Santa Fe Trail, Room 206,
Santa Fe, NM 87503
Commissioner of Public Lands, State of New Mexico, P.O. Box 1148,
Santa Fe, NM 87504



PHILLIPS PETROLEUM COMPANY

FARMINGTON, NEW MEXICO 87401
300 W. ARRINGTON, SUITE 200, PHONE: 505 599-3400

EXPLORATION AND PRODUCTION

May 15, 1990

DESIGNATION OF AGENT

Supervisor, Oil and Gas Operations:

The undersigned is, on the records of the Minerals Management Service, Suboperator of the Fruitland Formation, hereafter referred to as "Suboperator", under the San Juan 30-5 Unit Agreement, San Juan County, New Mexico No. I Sec. No.: 14-08-001-346 approved November 7, 1952 and hereby designates:

NAME: Northwest Pipeline Corporation

ADDRESS: 3539 E. 30th Street
Farmington, NM 87401

as its agent, with full authority to act in its behalf in complying with the terms of the Unit Agreement and regulations applicable thereto on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to drilling, testing, completing and operating the unitized substances to a depth covering the top to the base of the Fruitland Coal Seam formation for the following wells:

San Juan 30-5 Unit #215	E/2 Sec. 8, T30N, R5W	Fruitland Coal
San Juan 30-5 Unit #218	E/2 Sec. 17, T30N, R5W	Fruitland Coal

It is understood that this Designation of Agent does not relieve the Suboperator of responsibility for compliance with the terms of the Unit Agreement and the Oil and Gas Operating Regulations. It is also understood that this Designation of Agent does not constitute an assignment of any interest under the Unit Agreement or any lease committed thereto.

Designation of Agent
May 15, 1990
Page 2

In case of default on the part of the designated agent, the Suboperator will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representatives.

The Suboperator agrees promptly to notify the oil and gas supervisor of any change in the designated agent.

This Designation of Agent is deemed to be temporary and in no manner a permanent arrangement. This Designation of Agent is limited to field operations only and does not cover administrative action which shall require the specific authorization of the Suboperator. This Designation of Agent shall be effective until December 31, 1990 unless a Participating Area is established between Northwest Pipeline Corporation and at least one other third party working interest owner which includes the Drilling Block for a well described above. If such Participating Area is formed this Designation of Agent shall continue until terminated by written notice.

Suboperator will assume operatorship upon termination of this Designation of Agent.

This Designation of Agent is also subject to the terms and conditions contained in Exhibit "A" attached hereto.

Phillips Petroleum Company
Suboperator

May 21, 1990
Date

BY:



J. E. Carlton
Attorney-in-Fact

STATE OF TEXAS §

COUNTY OF ECTOR §

The foregoing instrument was acknowledged before me this 21st day of May, 1990, by J. E. Carlton, Attorney-in-Fact of Phillips Petroleum Company, a Delaware corporation, on behalf of the corporation.

My Commission Expires:

1/27/91

Marianne Bishop
Notary Public

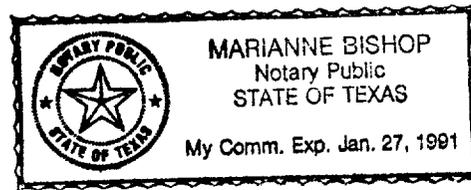


EXHIBIT "A"

DESIGNATION OF AGENT

Northwest Pipeline Corporation ("Agent") indicates its acceptance of this Designation of Agent by placing its authorized signature in the space provided below and agrees to drill, complete, operate, or plug and abandon said Fruitland Coal wells as a reasonable and prudent operator in accordance with the terms and conditions of the San Juan 30-5 Unit Agreement and the San Juan 30-5 Unit Operating Agreement, and also agrees to the following conditions. Agent shall:

- 1.) Submit to Suboperator's representative for approval all casing programs and equipment specifications prior to the drilling of any well.
- 2.) Notify Suboperator when drilling Operations are commenced.
- 3.) Furnish Suboperator with complete daily driller's tour report, at Agent's expense.
- 4.) Furnish Suboperator with daily reports by telephone call or facsimile at Agent's expense, as to the formation or formations penetrated during the previous day's drilling, the depth at which each formation is encountered, and the depth at which the report is made.
- 5.) Allow representatives of Suboperator access to the derrick floor at all times at their sole risk and expense.
- 6.) Notify Suboperator of intentions to core, drill stem test, stimulate, or run well surveys in sufficient time to enable Suboperator's representatives to be present; and also notify Suboperator in sufficient time in order that Suboperator may attend and witness any and all potential tests and packer leakage test.
- 7.) Cause all cores having shows of oil and gas to be analyzed by a competent core analysis laboratory. Three preliminary and three final copies of any conventional core analysis will be furnished to Suboperator. Any special core analysis performed at the request of Agent will be considered proprietary information and will be paid for solely by Agent.

- 8.) Furnish Suboperator three field prints and five final prints of all well surveys made during drilling or upon completion of wells.
- 9.) Furnish Suboperator a representative and adequate cut of all cores and ditch samples taken during the drilling of wells.
- 10.) Provide Suboperator with copies of drilling time records, hole deviation tests and all records required by the governmental agencies having jurisdiction of the wells.
- 11.) Notify Suboperator of any intention to plug and abandon wells and allow Suboperator forty-eight (48) hours in which to concur.
- 12.) Furnish the Bureau of Land Management and the Oil Conservation Commission of the State of New Mexico all proper and necessary reports and well data in the required numbers and time periods as specified by the Bureau of Land Management and the Oil Conservation Commission of the State of New Mexico, with a copy to Suboperator at the addresses hereinafter provided.
- 13.) Provide the Commissioner of Public Lands of the State of New Mexico with copies of all reports and other well data submitted in accordance with the preceding paragraph.
- 14.) Comply with all regulations of the Federal Oil and Gas Royalty Management Act of 1982 (FOGRMA) as such may be amended from time to time, and pay any costs, fees, and claims including attorneys fees and penalties imposed because of Agent's failure to comply with FOGRMA regulations.

Agent agrees to indemnify and defend Suboperator and all of Suboperator's affiliated and subsidiary companies and the agents, servants and employees of Suboperator and all of its affiliated and subsidiary companies and to save and hold them harmless from and against any and all claims or liability (including court costs and attorney fees) for damage or loss of property of all character; from and against any and all claims for death, or injury to persons, including, but not limited to, employees or agents of Agent resulting from or arising out of the operations conducted or caused or permitted to be conducted by Agent in connection with the wells described hereinabove; and from and against any and all claims for labor and materials and any other costs and expense in connection with Agent's operations hereunder.

Such indemnity by Agent shall apply to any loss or damage or personal injury or death:

- (i) which arises directly, indirectly or incident to the Agent's operations;
- (ii) without regard to cause or causes thereof, including, without limitation, strict liability, breach of warranty (express or implied), imperfection of materials, condition of any premises or transport to or from such premises;
- (iii) whether the claim therefor is based on common law, civil law or statute.

However, such indemnity by Agent shall not apply and may not be relied upon by Suboperator to the extent that any claim or liability is found by a court or other tribunal of competent jurisdiction to have been caused by the ~~sole~~ negligence, gross negligence or willful misconduct of Suboperator.

*WOB
see*

All notices, samples or other information required to be furnished shall be sent to :

Phillips Petroleum Company
Attn: Ralph Hawks
300 W. Arrington, Suite 200
Farmington, New Mexico 87401
Telephone (505) 599-3421 or 334-2073
Fax No. (505) 599-3442

Northwest Pipeline Corporation

By: *[Signature]*
Attorney-in-Fact

July 9, 1990
Date

Approved as
to Form
[Signature]
Legal Department

A C K N O W L E D G M E N T

STATE OF UTAH

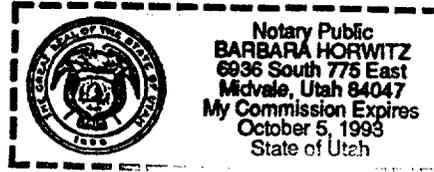
COUNTY OF SALT LAKE

SS.

July ~~April~~ The foregoing instrument was acknowledged before me this 9th day of ~~April~~, 1990 by Warren O. Curtis, as Attorney-in-Fact of Northwest Pipeline Corporation, a Delaware corporation on behalf of the corporation.

My Commission Expires:

Barbara Horwitz
Notary Public



DANWPL.JAY



PHILLIPS PETROLEUM COMPANY

FARMINGTON, NEW MEXICO 87401
300 W. ARRINGTON, SUITE 200, PHONE: 505 599-3400

EXPLORATION AND PRODUCTION

May 7 1990 11 51 9 19

Assistant District Manager, Minerals
Bureau of Land Management
Farmington Resource Area
1235 La Plata Highway
Farmington, NM 87401
(4 Copies Enclosed)

State of New Mexico
Commissioner of Public Lands
Attn: Mr. Floyd O. Prando
P. O. Box 1148
Santa Fe, NM 87504-1148
(2 Copies Enclosed)

State of New Mexico
Oil Conservation Commission
Attn: Mr. William J. LeMay
310 Old Santa Fe Trail, Room 206
Santa Fe, NM 87503
(2 Copies Enclosed)

RE: San Juan 30-5 Unit
#14-08-001-346
Rio Arriba County, New Mexico
First Supplemental 1990
Drilling Program
GF-5397

Gentlemen:

By letter dated February 26, 1990, Northwest Pipeline Corporation, as Unit Operator, filed the 1990 Plan of Development for the San Juan 30-5 Unit.

Subsequent to filing the original 1990 Drilling Program, it has been proposed that seven (7) additional Fruitland Coal wells and one (1) Entrada salt water disposal well be drilled under the 1990 Drilling Program. Phillips Petroleum Company, as Suboperator of the Fruitland Formation, for the San Juan 30-5 Unit has contacted all Working Interest Owners in accordance with Section 7 of the Unit Operating Agreement.

The Proposed Fruitland Coal wells are as follows:

May 7, 1990
First Supplemental 1990
Drilling Program
San Juan 30-5 Unit
Page No. 2

<u>WELL NUMBER</u>	<u>(ALL LOCATED DRILLING BLOCK IN T-30N-R5W)</u>
SAN JUAN 30-5 UNIT #213	E/2 SEC. 5
SAN JUAN 30-5 UNIT #214	W/2 SEC. 5
SAN JUAN 30-5 UNIT #215	E/2 SEC. 8
SAN JUAN 30-5 UNIT #216	W/2 SEC. 20
SAN JUAN 30-5 UNIT #217	E/2 SEC. 21
SAN JUAN 30-5 UNIT #218	E/2 SEC. 17
SAN JUAN 30-5 UNIT #219	W/2 SEC. 16

The proposed Entrada salt water disposal well is the San Juan 30-5 Unit #301 located in the SE/4 Sec. 18-T30N-R5W.

If this First Supplemental 1990 Drilling Program for the San Juan 30-5 unit meets your approval, please signify by signing in the space provided below and return an approved copy to the attention of the undersigned.

Copies of this letter are being sent to the Working Interest Owners as shown on the attached list.

Very truly yours,

PHILLIPS PETROLEUM COMPANY



A. J. Kieke
Area Landman
San Juan Basin

AJK:ba
BLM30-5

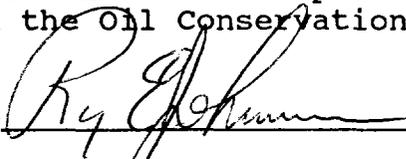
May 7, 1990
First Supplemental 1990
Drilling Program
San Juan 30-5 Unit
Page No. 3

APPROVED _____ DATE _____

ASSISTANT DISTRICT MANAGER, MINERALS
BUREAU OF LAND MANAGEMENT
Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Commission

APPROVED _____ DATE _____

COMMISSIONER OF PUBLIC LANDS
Subject to like approval by the
Area Oil and Gas Supervisor, BLM
and the Oil Conservation Commission

APPROVED  _____ DATE 5-14-90

OIL CONSERVATION COMMISSION
Subject to like approval by
the Area Oil and Gas Supervisor, BLM
and the Commissioner of Public Lands

The foregoing approvals are for the First Supplemental 1990
Drilling Program for the San Juan 30-5 Unit. #14-08-001-346.

U56N2650
03/29/90

WORKING INTEREST OWNERS
SAN JUAN 30-5 UNIT

AMOCO PRODUCTION COMPANY
SOUTHERN DIVISION, PRODUCTION MGR.
1670 BROADWAY
P.O. BOX 800
DENVER, CO 80201

MAX B. ROTHOLZ
1323 N. FULTON
WHARTON, TX 77488

Northwest Pipeline Corporation
3539 E. 30th Street
Farmington, NM 87401
Attn: Jeff Vaughn

ARAPAHOE DRILLING
P.O. BOX 26887
ALBUQUERQUE, NM 87125

MERIDIAN OIL PRODUCTION INC.
LAND DEPARTMENT
P.O. BOX 4289
FARMINGTON, NM 87401

EVELYN G. BROWN
C/O JAMES BROWN
14 ALPINE ROAD
GREENWICH, CT 06830

PHILLIPS PETROLEUM COMPANY
ATTN: JAY KIEKE
300 WEST ARRINGTON, SUITE 200
FARMINGTON, NM 87401

FLAG-REDFERN OIL COMPANY
P.O. BOX 11050
MIDLAND, TX 79702

ROBERT TINNIN
P.O. BOX 1885
ALBUQUERQUE, NM 87103

H.O. & T.K. POOL TRUST
C/O FIRST INTERSTATE BANK OF OKLAHOMA
P.O. BOX 25189
OKLAHOMA CITY, OK 73125-0189

RUTH ZIMMERMAN TRUST
842 MUIRLANDS VISTA WY.
LA JOLLA, CA 92037

JAY I. COHEN, TRUSTEE
ABERCROMBIE TRUST
10370 RICHMOND, SUITE 710
HOUSTON, TX 77042

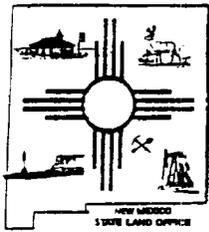
SUNWEST BANK OF ALBUQUERQUE, N.A.
AGENT FOR KATHLEEN QUINN
P.O. BOX 26900
ALBUQUERQUE, NM 87125

LANGDON D. HARRISON
7517 TAMMORON N.E.
ALBUQUERQUE, NM 87109

TEXACO, INC.
JOINT INTEREST OPERATIONS
P.O. BOX 46555
DENVER, CO 80201-6555

MAR OIL & GAS CORPORATION
ATTN: M. A. ROMERO
P.O. BOX 5155
SANTA FE, NM 87502

THOMAS A. & MARY E. DUGAN
P.O. BOX 420
FARMINGTON, NM 87499-0420



State of New Mexico
Commissioner of Public Lands

W. R. Humphries
COMMISSIONER

Advisory Board

George Clark
Chairman

Kristin Conniff
Vice Chairman

Melvin Cordova

Joe Kelly

Robert Portillos

Nancy Lynch Vigil

Rex Wilson

April 16, 1990

Northwest Pipeline Corporation
P.O. Box 8900
Salt Lake City, Utah 84108-0899

ATTN: Mr. Darrell L. Gillen

RE: Designation of Suboperator
San Juan 30-5 Unit
Rio Arriba County, New Mexico

Gentlemen:

We received your letter, dated March 21, 1990, regarding the Designation of Phillips Petroleum Company as the Suboperator of the Fruitland Formation of the above captioned unit in Rio Arriba County, New Mexico.

The Commissioner of Public Lands hereby grants approval to the designation of Phillips Petroleum Company as Suboperator of the Fruitland Formation for the above captioned unit. The approval of Designation of Suboperator does not modify, amend or supercede the terms of the Unit Agreement.

If you have any questions, please contact Susan Howarth at (505) 827-5791.

Very truly yours,

W.R. HUMPHRIES,
COMMISSIONER OF PUBLIC LANDS

BY:

Floyd O. Prando
FLOYD O. PRANDO, Director
Oil and Gas Division
(505) 827-5749

OIL CONSERVATION DIVISION
RECEIVED

'90 APR 6 AM 8 44

San Juan 30-5 Unit (UA)
3180 (019)

APR 03 1990

Northwest Pipeline Corporation
Attn: Mr. Darrell L. Gillen
P. O. Box 8900
Salt Lake City, UT 84108

Gentlemen:

Your letter of March 21, 1990, transmitted a copy of a "Designation of Sub-Operator" instrument whereby Northwest Pipeline Corporation, as unit operator under the San Juan 30-5 Unit agreement, designates Phillips Petroleum Company as sub-operator for the drilling and production of unitized substances from the Fruitland Formation under all lands within the San Juan 30-5 Unit, San Juan County, New Mexico.

The designation of Phillips Petroleum Company as sub-operator of the Fruitland Formation is hereby approved effective February 19, 1990.

If you have any questions, please contact Gail Keller at the above address or telephone (505) 327-5344.

Sincerely,

/s/ John L. Keller

John L. Keller, Chief
Branch of Mineral Resources

Enclosures

cc: New Mexico Oil Conservation Division, State Land Office Building,
P. O. Box 2088, Santa Fe, NM 87504
Commissioner of Public Lands, State of New Mexico, P. O. Box 1148,
Santa Fe, NM 87504

NORTHWEST PIPELINE CORPORATION
ONE OF THE WILLIAMS COMPANIES

210-90

P.O. BOX 8900
SALT LAKE CITY, UTAH 84108-0899
801-584-7215

LAND DEPARTMENT

March 29, 1990

State of New Mexico
Commissioner of Public Lands
Attn: Mr. Floyd O. Prando
P.O. Box 1148
Santa Fe, NM 87504-1148

State of New Mexico
Oil Conservation Commission
Attn: Mr. William J. LeMay
310 Old Santa Fe Trail, Room 206
Santa Fe, NM 87503

Re: San Juan 30-5 Unit #14-08-001-346
Rio Arriba County, New Mexico
1990 Plan of Development

Gentlemen:

The 1990 Plan of Development filed by letter dated February 26, 1990 for the San Juan 30-5 Unit has been approved by the regulatory agencies as follows:

Bureau of Land Management	3/15/90
Oil Conservation Commission	3/6/90

Copies of this letter are being sent to the Working Interest Owners shown on the attached sheet.

Sincerely,

NORTHWEST PIPELINE CORPORATION


Darrell L. Gillen
Land Manager

DLG:cg
Attachment

cc: Working Interest Owners
W. O. Curtis
P. C. Thompson

U56N2650
03/29/90

WORKING INTEREST OWNERS
SAN JUAN 30-5 UNIT

AMOCO PRODUCTION COMPANY
SOUTHERN DIVISION, PRODUCTION MGR.
1670 BROADWAY
P.O. BOX 800
DENVER, CO 80201

MAX B. ROTHOLZ
1323 N. FULTON
WHARTON, TX 77488

ARAPAHOE DRILLING
P.O. BOX 26687
ALBUQUERQUE, NM 87125

MERIDIAN OIL PRODUCTION INC.
LAND DEPARTMENT
P.O. BOX 4289
FARMINGTON, NM 87401

EVELYN G. BROWN
C/O JAMES BROWN
14 ALPINE ROAD
GREENWICH, CT 06830

PHILLIPS PETROLEUM COMPANY
ATTN: JAY KIEKE
300 WEST ARRINGTON, SUITE 200
FARMINGTON, NM 87401

FLAG-REDFERN OIL COMPANY
P.O. BOX 11050
MIDLAND, TX 79702

ROBERT TINNIN
P.O. BOX 1885
ALBUQUERQUE, NM 87103

H.O. & T.K. POOL TRUST
C/O FIRST INTERSTATE BANK OF OKLAHOMA
P.O. BOX 25189
OKLAHOMA CITY, OK 73125-0189

RUTH ZIMMERMAN TRUST
842 MUIRLANDS VISTA WY.
LA JOLLA, CA 92037

JAY I. COHEN, TRUSTEE
ABERCROMBIE TRUST
10370 RICHMOND, SUITE 710
HOUSTON, TX 77042

SUNWEST BANK OF ALBUQUERQUE, N.A.
AGENT FOR KATHLEEN QUINN
P.O. BOX 26900
ALBUQUERQUE, NM 87125

LANGDON D. HARRISON
7517 TAMMORON N.E.
ALBUQUERQUE, NM 87109

TEXACO, INC.
JOINT INTEREST OPERATIONS
P.O. BOX 46555
DENVER, CO 80201-6555

MAR OIL & GAS CORPORATION
ATTN: M. A. ROMERO
P.O. BOX 5155
SANTA FE, NM 87502

THOMAS A. & MARY E. DUGAN
P.O. BOX 420
FARMINGTON, NM 87499-0420

LAND DEPARTMENT

P.O. BOX 8900
 SALT LAKE CITY, UTAH 84108-0899
 801-584-7215

March 21, 1990

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

State of New Mexico
 Commissioner of Public Lands
 Attn: Mr. Floyd O. Prando
 P.O. Box 1148
 Santa Fe, NM 87504-1148

State of New Mexico
 Oil Conservation Commission
 Attn: Mr. William J. LeMay
 310 Old Santa Fe Trail, Room 206
 Santa Fe, NM 87503

Re: Designation of Suboperator
San Juan 30-5 Unit, Fruitland Formation
Rio Arriba County, New Mexico

Gentlemen:

Attached for your consideration and approval is the Designation of Suboperator, designating Phillips Petroleum Company as Suboperator of the Fruitland formation within the San Juan 30-5 Unit.

Northwest Pipeline Corporation, as Unit Operator, has polled the Working Interest Owners, pursuant to Section 7 of the Unit Operating Agreement, and has received approval of the Designation of Suboperator from the majority of working interests of the Fruitland formation within the unit. The results of that poll are as follows:

<u>Working Interest Owner</u>	<u>W.I. Percentage Approved</u>	<u>W.I. Percentage Disapproved</u>	<u>W.I. Percentage No Response</u>
Northwest Pipeline Corp.	83.806683%		
Amoco Production Company			2.787146%
Araphae Drilling			.341575%
Meridian Oil Inc.	9.713053%		

Assistant District Manager, Minerals
 Commissioner of Public Lands
 Oil Conservation Commission
 March 21, 1990
 Page 2

<u>Working Interest Owner</u>	<u>W.I. Percentage Approved</u>	<u>W.I. Percentage Disapproved</u>	<u>W.I. Percentage No Response</u>
Evelyn G. Brown			.586520%
Flag-Redfern Oil Company			.293260%
H.O. & T.K. Pool Trust			.586520%
Jay I. Cohen	.293260%		
Langdon D. Harrison	.219945%		
Mar Oil & Gas Corp.	.418943%		
Max B. Rotholz	.293260%		
Robert Tinnin			.073315%
Ruth Zimmerman Trust			.097753%
Kathleen Quinn	.195507%		
Thomas and Mary Dugan			.293260%
TOTAL	94.940651%	- 0 -	5.059349%

If this Designation of Suboperator is acceptable, please signify your approval in the space provided on the attached sheet and return an approved copy to Northwest Pipeline Corporation.

Copies of this letter are being sent to the Working Interest Owners as shown on the attached sheet.

Sincerely,

NORTHWEST PIPELINE CORPORATION

Darrell L. Gillen
 Darrell L. Gillen
 Land Manager

DLG:cg
 Attachment

cc: Working Interest Owners
 W. O. Curtis
 P. C. Thompson
 Jay Kieke - Phillips

Assistant District Manager, Minerals
Commissioner of Public Lands
Oil Conservation Commission
March 21, 1990
Page 3

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

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

APPROVED  _____ DATE 4-2-90
Oil Conservation Commission
Subject to like approval by the
Area Oil and Gas Supervisor and
the Commissioner of Public Lands

The foregoing approvals are for the Designation of Suboperator for the San Juan 30-5 Unit, Fruitland formation.

U56N2650
02/27/90

WORKING INTEREST OWNERS
SAN JUAN 30-5 UNIT FR

AMOCO PRODUCTION COMPANY
SOUTHERN DIVISION, PRODUCTION MGR.
1670 BROADWAY
P.O. BOX 800
DENVER, CO 80201

MAX B. ROTHOLZ
1323 N. FULTON
WHARTON, TX 77488

ARAPAHOE DRILLING
P.O. BOX 26687
ALBUQUERQUE, NM 87125

MERIDIAN OIL PRODUCTION INC.
LAND DEPARTMENT
P.O. BOX 4289
FARMINGTON, NM 87401

EVELYN G. BROWN
C/O JAMES BROWN
14 ALPINE ROAD
GREENWICH, CT 06830

PHILLIPS PETROLEUM COMPANY
ATTN: JAY KIEKE
300 WEST ARRINGTON, SUITE 200
FARMINGTON, NM 87401

FLAG-REDFERN OIL COMPANY
P.O. BOX 11050
MIDLAND, TX 79702

ROBERT TINNIN
P.O. BOX 1885
ALBUQUERQUE, NM 87103

H.O. & T.K. POOL TRUST
C/O FIRST INTERSTATE BANK OF OKLAHOMA
P.O. BOX 25189
OKLAHOMA CITY, OK 73125-0189

RUTH ZIMMERMAN TRUST
842 MUIRLANDS VISTA WY.
LA JOLLA, CA 92037

JAY I. COHEN, TRUSTEE
ABERCROMBIE TRUST
10370 RICHMOND, SUITE 710
HOUSTON, TX 77042

SUNWEST BANK OF ALBUQUERQUE, N.A.
AGENT FOR KATHLEEN QUINN
P.O. BOX 26900
ALBUQUERQUE, NM 87125

LANGDON D. HARRISON
7517 TAMMORON N.E.
ALBUQUERQUE, NM 87109

THOMAS A. & MARY E. DUGAN
P.O. BOX 420
FARMINGTON, NM 87499-0420

MAR OIL & GAS CORPORATION
ATTN: M. A. ROMERO
P.O. BOX 5155
SANTA FE, NM 87502

APPENDIX "4"

DESIGNATION OF SUBOPERATOR
 dated February 19, 1990, by and between
 NORTHWEST PIPELINE CORPORATION
 and
 PHILLIPS PETROLEUM COMPANY

THIS designation is made and entered into this 19 day of February, 1990, by and between NORTHWEST PIPELINE CORPORATION (hereinafter referred to as "Northwest"), a Delaware corporation, whose address is 295 Chipeta Way, P.O. Box 58900, Salt Lake City, Utah 84158-0900; and PHILLIPS PETROLEUM COMPANY (hereinafter referred to as "Phillips"), a Delaware corporation, whose address is 300 West Arrington, Suite 200, Farmington, New Mexico 87401; and all other working interest owners in the San Juan 30-5 Fruitland formation (hereinafter referred to as "working interest owners").

WHEREAS, Northwest is Unit Operator for the San Juan 30-5 Unit, created by that certain Unit Agreement for the Development and Operation of the San Juan 30-5 Unit Area, I. Sec. No. 14-08-001-346, Rio Arriba County, New Mexico (hereinafter referred to as "Unit Agreement"); and

WHEREAS, Phillips desires to takeover as suboperator of unitized substances from the Fruitland formation within the subject Unit (the lands therein shall hereafter be referred to as the "Suboperated Premises"); and

WHEREAS, Northwest hereto intends to relinquish its rights as Unit Operator for the Fruitland formation within the subject Unit to Phillips; and

WHEREAS, Northwest pursuant to the terms of the Unit Agreement will request the working interest owners of the Fruitland formation to execute this designation in order that the Suboperated Premises may be suboperated by Phillips.

NOW, THEREFORE, in consideration of the mutual covenants and other valuable consideration hereby acknowledged the parties hereto hereby agree as follows:

A. Designation

In order to permit Phillips to suboperate the Suboperated Premises, Northwest, as Unit Operator, and a working interest owner in the Suboperated Premises, hereby designates Phillips, suboperator of the Suboperated Premises only.

B. Notices

Phillips indicates its acceptance of this designation by placing its signature in the space provided below and agrees to develop and operate the Suboperated Premises as a reasonable and prudent operator in accordance with the terms and conditions of the Unit Agreement and Unit Operating Agreement, and also agrees to:

- (1) Furnish the Bureau of Land Management (BLM), the Commissioner of Public Lands and the Oil Conservation Commission of the State of New Mexico all proper and necessary reports and well data in the required numbers and time period as specified by the BLM, the Commissioner of Public Lands and the Oil Conservation Commission of the State of New Mexico, with a copy to Northwest at the addresses hereinafter provided.
- (2) Copies of all notices or other information required to be furnished shall be sent by Phillips to:

Northwest Pipeline Corporation
Attn: Manager, Administration
295 Chipeta Way
P.O. Box 58900
Salt Lake City, UT 84158-0900

With copies to:

Northwest Pipeline Corporation
Attn: Manager, Production
3539 East 30th Street
Farmington, NM 87401

C. Indemnity

With regard to risks of loss and liability due to personal injury, property damage and the like, while providing services under this Designation of Suboperator, Phillips shall assume all duties of indemnification, liabilities and costs and be entitled to the same privileges and reimbursements applicable to Northwest as operator pursuant to the Unit Agreement and Unit Operating Agreement for the San Juan 30-5 Federal Unit. Phillips will indemnify Northwest for any liabilities and costs arising out of the duties assumed in the above referenced agreements.

D. Unit Agreement

The parties hereto agree that Phillips shall develop the Suboperated Premises in conformity with the provisions of the Unit Agreement, and the Unit Operating Agreement for the subject Unit.

E. Jurisdiction

Development of the Suboperated Premises is subject to the jurisdiction of the Oil Conservation Commission of the State of New Mexico as to privately owned lands, the Commissioner of Public Lands of the State of New Mexico as to state lands, and the Assistant District Manager, Minerals of the BLM, Farmington, New Mexico, as to Federal and/or Indian Lands.

F. Term

Upon the BLM's approval and the majority of the Fruitland formation working interest owners execution of this agreement, this agreement shall remain in full force and effect for a term through September 31, 1990 and from month to month until (a) cancelled by Northwest or Phillips upon thirty (30) days advance written notice, or (b) superseded or terminated by another agreement between Northwest and Phillips. Upon termination of this Designation of Suboperator, Phillips will immediately resign as suboperator and Northwest will resume as Unit Operator of this unit unless Phillips has been appointed as Unit Operator for all formations within this unit by the working interest owners and approved by the BLM.

G. Assignment

This designation is personal and cannot be assigned in whole or in part by Phillips without the written consent of all the other parties hereto having first been obtained.

H. Counterparts

This designation may be executed in any number of counterparts with the same force and effect as if all parties has signed the same document.

IN WITNESS WHEREOF, this designation is executed as of the day and year first hereinabove written.

NORTHWEST PIPELINE CORPORATION

Date: 2/19/92
By: [Signature]
Warren O. Curtis
Attorney-in-Fact
Approved as
to Form
[Signature]
O.G.C.

PHILLIPS PETROLEUM COMPANY

Date: _____
By: _____
Attorney-in-Fact

AMOCO PRODUCTION COMPANY

ATTEST:

Date: _____
By: _____

ARAPAHOE DRILLING

ATTEST:

Date: _____
By: _____

G. Assignment

This designation is personal and cannot be assigned in whole or in part by Phillips without the written consent of all the other parties hereto having first been obtained.

H. Counterparts

This designation may be executed in any number of counterparts with the same force and effect as if all parties has signed the same document.

IN WITNESS WHEREOF, this designation is executed as of the day and year first hereinabove written.

NORTHWEST PIPELINE CORPORATION

Date: 2/19/96
By: [Signature]
Warren O. Curtis
Attorney-in-Fact

Approved:
[Signature]
[Title]

PHILLIPS PETROLEUM COMPANY

Date: 3/12/90
By: [Signature]
Attorney-in-Fact

AMOCO PRODUCTION COMPANY

ATTEST:

Date: _____

By: _____

ARAPAHOE DRILLING

ATTEST:

Date: _____

By: _____

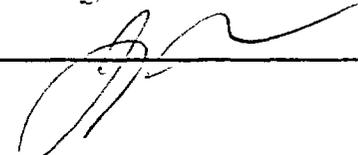
EVELYN G. BROWN

Date: _____

By: _____

JAY I. COHEN, TRUSTEE

Date: 3-7-90

By: 

THOMAS A. & MARY E. DUGAN

Date: _____

By: _____

ATTEST:

FLAG-REDFERN OIL COMPANY

Date: _____

By: _____

LANGDON D. HARRISON

Date: _____

By: _____

ATTEST:

MAR OIL & GAS CORPORATION

Date: _____

By: _____

EVELYN G. BROWN

Date: _____

By: _____

JAY I. COHEN, TRUSTEE

Date: _____

By: _____

THOMAS A. & MARY E. DUGAN

Date: _____

By: _____

ATTEST:

FLAG-REDFERN OIL COMPANY

Date: _____

By: _____

LANGDON D. HARRISON

Date: 8 MAR 1990

By: Langdon D Harrison

ATTEST:

MAR OIL & GAS CORPORATION

Date: _____

By: _____

EVELYN G. BROWN

Date: _____

By: _____

JAY I. COHEN, TRUSTEE

Date: _____

By: _____

THOMAS A. & MARY E. DUGAN

Date: _____

By: _____

ATTEST:

FLAG-REDFERN OIL COMPANY

Date: _____

By: _____

LANGDON D. HARRISON

Date: _____

By: _____

ATTEST:

Frank Romero

MAR OIL & GAS CORPORATION

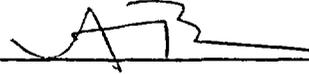
Date: 3/8/90

By: Mark Romero

ATTEST:

EL PASO PRODUCTION COMPANY

Date: March 19, 1990

By:  

H.O. & T.K. POOL TRUST

Date: _____

By: _____

SUNWEST BANK OF ALBUQUERQUE, N.A.
AGENT FOR KATHLEEN QUINN

Date: _____

By: _____

MAX B. ROTHOLZ

Date: _____

By: _____

ROBERT TINNIN

Date: _____

By: _____

RUTH ZIMMERMAN TRUST

Date: _____

By: _____

ATTEST:

MERIDIAN OIL PRODUCTION INC.

Date: _____

By: _____

H.O. & T.K. POOL TRUST

Date: _____

By: _____

SUNWEST BANK OF ALBUQUERQUE, N.A.
AGENT FOR KATHLEEN QUINN

Date: March 9, 1990

By: Catherine E. Regan
Trust Officer

MAX B. ROTHOLZ

Date: _____

By: _____

ROBERT TINNIN

Date: _____

By: _____

RUTH ZIMMERMAN TRUST

Date: _____

By: _____

ATTEST:

MERIDIAN OIL PRODUCTION INC.

Date: _____

By: _____

H.O. & T.K. POOL TRUST

Date: _____

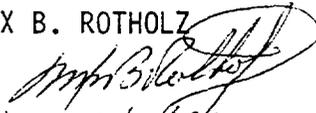
By: _____

SUNWEST BANK OF ALBUQUERQUE, N.A.
AGENT FOR KATHLEEN QUINN

Date: _____

By: _____

MAX B. ROTHOLZ



Date: 3/7/90

By: _____

ROBERT TINNIN

Date: _____

By: _____

RUTH ZIMMERMAN TRUST

Date: _____

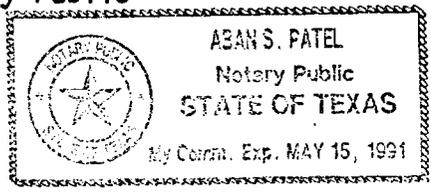
By: _____

STATE OF Texas)
COUNTY OF Harris) ss.

Before me, the undersigned, a Notary Public in and for said County and State, on this day personally appeared J.P. Gregory, Attorney-in- known to me to be the person and officer whose name is subscribed to the foregoing instrument and acknowledged to me that the same was the act of the said Phillips Petroleum Company, and that he executed the same as the act of such corporation of the purposes and consideration therein expressed, and in the capacity therein stated.

Given under my hand and seal of office this the 12th day of March, 19 90.

My Commission Expires:
5-15-91

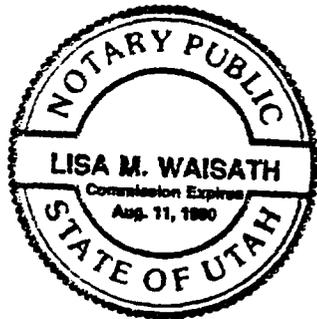
Aban S. Patel
Notary Public


STATE OF UTAH)
COUNTY OF SALT LAKE) ss.

The foregoing instrument was acknowledged before me on this 19 day of February, 1990 by Warren O. Curtis, Attorney-in-Fact for NORTHWEST PIPELINE CORPORATION, a Delaware corporation, on behalf of said corporation.

Lisa M. Waisath
Notary Public

My Commission Expires:
5-11-97



STATE OF New Mexico)
COUNTY OF San Juan) ss.

The foregoing instrument was acknowledged before me this 19th day of March, 1990, by Kent Beers, on behalf of EL PASO PRODUCTION COMPANY.

Gabriel M. Muro
Notary Public

My Commission Expires:
May 30, 1993

STATE OF _____)
COUNTY OF _____) ss.

The foregoing instrument was acknowledged before me this _____ day of _____, 1990, by _____, on behalf of H.O. & T.K. POOL TRUST.

Notary Public

My Commission Expires:

DIVISION
NORTHWEST PIPELINE CORPORATION
ONE OF THE WILLIAMS COMPANIES

103-90

LAND DEPARTMENT

'90 MAR 5 AM 10 12

P.O. BOX 8900
SALT LAKE CITY, UTAH 84108-0899
801-584-7215

February 26, 1990

#417

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

State of New Mexico
Commissioner of Public Lands
Attn: Mr. Floyd O. Prando
P.O. Box 1148
Santa Fe, NM 87504-1148

State of New Mexico
Oil Conservation Commission
Attn: Mr. William J. LeMay
310 Old Santa Fe Trail, Room 206
Santa Fe, NM 87503

Re: San Juan 30-5 Unit, #14-08-001-346
Rio Arriba County, New Mexico
1990 Plan of Development

Gentlemen:

By letter dated March 3, 1989 and July 12, 1989, Northwest Pipeline Corporation, as Unit Operator, filed drilling programs for the referenced unit. The drilling programs indicated that two Fruitland Coal wells would be drilled under the 1989 Plan of Development. The San Juan 30-5 Unit #201 and #202 were drilled on a timely basis.

As of this date, the total number of wells drilled in the San Juan 30-5 Unit on acreage committed to the unit is as follows:

Fruitland Coal, undetermined	2
Pictured Cliffs, plugged and abandoned	2
Pictured Cliffs, commercial	2
Pictured Cliffs/Mesaverde, commercial	2
Mesaverde, commercial	46
Mesaverde, undetermined	1
Mesaverde, non-commercial	1
Mesaverde, plugged and abandoned	6
Mesaverde, temporarily abandoned	1

Assistant District Manager, Minerals
 Commissioner of Public Lands
 Oil Conservation Commission
 February 26, 1990
 Page 2

Mesaverde/Dakota, plugged and abandoned	2
Mesaverde/Dakota, (Mesaverde commercial, Dakota non-commercial)	1
Dakota, commercial	35
Dakota, non-commercial	5
Dakota, commerciality undetermined	2
Dakota/Gallup, non-commercial	1
Dakota/Gallup (Dakota non-commercial, Gallup commerciality undetermined)	1
TOTAL	110

The Participating Areas which have been established in the San Juan 30-5 Unit are as follows:

<u>Formation</u>	<u>Revision</u>	<u>Effective</u>
Pictured Cliffs	Third	November 1, 1982
Mesaverde	Thirty second	October 1, 1985
Dakota	Fifteenth	July 1, 1984
Dakota	Initial "A"	January 17, 1974

There have been no changes to the Participating Areas during 1989.

Pursuant to Section 10 of the San Juan 30-5 Unit Agreement, Northwest Pipeline Corporation, as Unit Operator, has contacted all of the Working Interest Owners and has received the necessary concurrence to propose the drilling of the following wells during the calendar year 1990:

<u>Well No.</u>	<u>Drilling Block</u>	<u>Formation</u>
San Juan 30-5 Unit #203	W/2 Sec. 6, T30N, R5W	Fruitland Coal
San Juan 30-5 Unit #204	E/2 Sec. 7, T30N, R5W	Fruitland Coal
San Juan 30-5 Unit #205	W/2 Sec. 7, T30N, R5W	Fruitland Coal
San Juan 30-5 Unit #206	E/2 Sec. 18, T30N, R5W	Fruitland Coal
San Juan 30-5 Unit #207	W/2 Sec. 18, T30N, R5W	Fruitland Coal
San Juan 30-5 Unit #208	E/2 Sec. 19, T30N, R5W	Fruitland Coal
San Juan 30-5 Unit #209	E/2 Sec. 30, T30N, R5W	Fruitland Coal
San Juan 30-5 Unit #210	W/2 Sec. 30, T30N, R5W	Fruitland Coal
San Juan 30-5 Unit #211	E/2 Sec. 31, T30N, R5W	Fruitland Coal
San Juan 30-5 Unit #212	W/2 Sec. 31, T30N, R5W	Fruitland Coal

Northwest Pipeline Corporation, as Unit Operator, will drill any offset wells that may be required to prevent drainage of unitized substances and any other wells deemed necessary or which are requested by the Unit Operator or the Working Interest Owners.

Assistant District Manager, Minerals
Commissioner of Public Lands
Oil Conservation Commission
February 26, 1990
Page 3

If this Plan of Development is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to Northwest Pipeline Corporation.

Copies of this Plan of Development are being sent to the Working Interest Owners as shown on the attached sheet.

Sincerely,

NORTHWEST PIPELINE CORPORATION

Darrell L. Gillen by 271.

Darrell L. Gillen
Land Manager

DLG:cg
Attachment

cc: Working Interest Owners
W. O. Curtis
P. C. Thompson

Assistant District Manager, Minerals
Commissioner of Public Lands
Oil Conservation Commission
February 26, 1990
Page 4

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

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

APPROVED  _____ DATE 3-6-90
Oil Conservation Commission
Subject to like approval by the
Area Oil and Gas Supervisor and
the Commissioner of Public Lands

The foregoing approvals are for the 1990 Plan of Development for the San Juan
30-5 Unit #14-08-001-346.

U56N2650
02/19/90

WORKING INTEREST OWNERS
SAN JUAN 30-5 UNIT

AMOCO PRODUCTION COMPANY
SOUTHERN DIVISION, PRODUCTION MGR.
1670 BROADWAY
P.O. BOX 800
DENVER, CO 80201

MAX B. ROTHOLZ
1323 N. FULTON
WHARTON, TX 77488

ARAPAHOE DRILLING
P.O. BOX 26687
ALBUQUERQUE, NM 87125

MERIDIAN OIL PRODUCTION INC.
LAND DEPARTMENT
P.O. BOX 4289
FARMINGTON, NM 87401

EVELYN G. BROWN
C/O JAMES BROWN
14 ALPINE ROAD
GREENWICH, CT 06830

PHILLIPS PETROLEUM COMPANY
ATTN: JAY KIEKE
300 WEST ARRINGTON, SUITE 200
FARMINGTON, NM 87401

FLAG-REDFERN OIL COMPANY
P.O. BOX 11050
MIDLAND, TX 79702

ROBERT TINNIN
P.O. BOX 1885
ALBUQUERQUE, NM 87103

H.O. & T.K. POOL TRUST
C/O FIRST INTERSTATE BANK OF OKLAHOMA
P.O. BOX 25189
OKLAHOMA CITY, OK 73125-0189

RUTH ZIMMERMAN TRUST
842 MUTRLANDS VISTA WY.
LA JOLLA, CA 92037

JAY I. COHEN, TRUSTEE
ABERCROMBIE TRUST
10370 RICHMOND, SUITE 710
HOUSTON, TX 77042

SUNWEST BANK OF ALBUQUERQUE, N.A.
AGENT FOR KATHLEEN QUINN
P.O. BOX 26900
ALBUQUERQUE, NM 87125

LANGDON D. HARRISON
7517 TAMMORON N.E.
ALBUQUERQUE, NM 87109

TEXACO, INC.
JOINT INTEREST OPERATIONS
P.O. BOX 46555
DENVER, CO 80201-6555

MAR OIL & GAS CORPORATION
ATTN: M. A. ROMERO
P.O. BOX 5155
SANTA FE, NM 87502

THOMAS A. & MARY E. DUGAN
P.O. BOX 420
FARMINGTON, NM 87499-0420

NORTHWEST PIPELINE CORPORATION
ONE OF THE WILLIAMS COMPANIES

509-89

LAND DEPARTMENT

September 5, 1989

P.O. BOX 8900
SALT LAKE CITY, UTAH 84108-0900
801-584-6669
801-584-7215

State of New Mexico
Commissioner of Public Lands
Attn: Mr. Floyd O. Prando
P.O. Box 1148
Santa Fe, NM 87504-1148

RECEIVED

SEP 13 1989

OIL CONSERVATION DIV.
SANTA FE

State of New Mexico
Oil Conservation Commission
Attn: Mr. William J. LeMay
310 Old Santa Fe Trail, Room 206
Santa Fe, NM 87503

Re: San Juan 30-5 Unit #14-08-001-346
Rio Arriba County, New Mexico
Supplemental 1989 Drilling Program

Gentlemen:

The Supplemental 1989 Drilling Program filed by letter dated July 12, 1989, for the San Juan 30-5 Unit has been approved by the regulatory agencies as follows:

Bureau of Land Management	8/3/89
Commissioner of Public Lands	7/26/89
Oil Conservation Commission	7/25/89

Copies of this letter are being sent to the Working Interest Owners shown on the attached sheet.

Sincerely,

NORTHWEST PIPELINE CORPORATION

D L Gillen by M.V.H.

Darrell L. Gillen
Land Manager

DLG:cg
Attachment

cc: Working Interest Owners
W. O. Curtis
P. C. Thompson

11-00000-10

AUG 2 1989

OIL CONSERVATION DIV.
SANTA FE

San Juan 30-5 Unit (POD)
3180 (019)

AUG. 04 1989

Northwest Pipeline Corporation
Attn: Darrell L. Gillen
P. O. Box 8900
Salt Lake City, UT 84108

Gentlemen:

Two approved copies of your supplemental 1989 Plan of Development for the San Juan 30-5 Unit area, Rio Arriba County, New Mexico are enclosed. Such plan, proposing the drilling of two Fruitland coal wells - San Juan 30-5 Unit, well No. 201 and San Juan 30-5 Unit, well No. 202, was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

The possibility of drainage by wells outside of the unit boundary may exist. You will be contacted at a later date about this possibility.

If you have any questions, please contact Gail Keller at the above address or telephone (505) 327-5344.

Sincerely,

/s/ John L. Keller

John Keller
Chief, Branch of Minerals

Enclosures

cc: New Mexico Oil Conservation Division, State Land Office Building,
P. O. Box 2088, Santa Fe, NM 87504
Commissioner of Public Lands, State of New Mexico, P. O. Box 1148,
Santa Fe, NM 87504

State of New Mexico

#417



W.R. HUMPHRIES
COMMISSIONER



Commissioner of Public Lands

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

July 26, 1989

Northwest Pipeline Corporation
P.O. Box 8900
Salt Lake City, Utah 84108-0899

ATTN: Darrell Gillen

RE: San Juan 30-5 Unit
Rio Arriba County, New Mexico
Plan of Development - Amendment

Gentlemen:

The Commissioner of Public Lands has this date approved the July 12, 1989 Amendment to the above captioned 1989 Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

Enclosed is an approved copy for your files. If we may be of further help, please do not hesitate to contact us.

Very truly yours,

W.R. HUMPHRIES
COMMISSIONER OF PUBLIC LANDS

BY:

A handwritten signature in cursive script, appearing to read "Floyd O. Prando".

FLOYD O. PRANDO, Director
Oil and Gas Division
(505) 827-5749

cc: OCD - Santa Fe, New Mexico
BLM
Unit Correspondence File
Unit P.O.D. File

WRH/FOP/SMH

NORTHWEST PIPELINE CORPORATION
ONE OF THE WILLIAMS COMPANIES 

LAND DEPARTMENT

389-89

P.O. BOX 8900
SALT LAKE CITY, UTAH 84108-0899
801-584-7215

July 12, 1989

Assistant District Manager, Minerals
Bureau of Land Management
425 Montano, N.E.
Albuquerque, NM 87107

State of New Mexico
Commissioner of Public Lands
Attn: Mr. Floyd O. Prando
P.O. Box 1148
Santa Fe, NM 87504-1148

State of New Mexico
Oil Conservation Commission
Attn: Mr. William J. LeMay
310 Old Santa Fe Trail, Room 206
Santa Fe, NM 87503

Re: San Juan 30-5 Unit #14-08-001-346
Rio Arriba County, New Mexico
Supplemental 1989 Drilling Program

Gentlemen:

By letter dated March 3, 1989, Northwest Pipeline Corporation, as Unit Operator, filed the 1989 Drilling Program for the San Juan 30-5 Unit.

Subsequent to filing the 1989 Drilling Program, it has been proposed that two (2) new wells be drilled in 1989. All necessary Working Interest Owners have been contacted pursuant to Section 7 of the Unit Operating Agreement.

The proposed wells are as follows:

<u>Well Number</u>	<u>Drilling Block</u>	<u>Formation</u>
San Juan 30-5 Unit #201	W/2 Sec. 19, T30N, R5W	Fruitland Coal
San Juan 30-5 Unit #202	E/2 Sec. 6, T30N, R5W	Fruitland Coal

If this Supplemental 1989 Drilling Program for the San Juan 30-5 Unit meets with your approval, please signify your approval in the space provided and return an approved copy to Northwest Pipeline Corporation.

Assistant District Manager, Minerals
Commissioner of Public Lands
Oil Conservation Commission
July 12, 1989
Page 2

Copies of this letter are being sent to the Working Interest Owners as shown on the attached sheet.

Sincerely,

NORTHWEST PIPELINE CORPORATION


Darrell L. Gillen
Land Manager

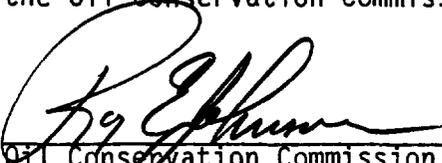
DLG:cg
Attachment

cc: Working Interest Owners
W. O. Curtis
P. C. Thompson

Assistant District Manager, Minerals
Commissioner of Public Lands
Oil Conservation Commission
July 12, 1989
Page 3

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

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

APPROVED  _____ DATE 7-25-89
Oil Conservation Commission
Subject to like approval by the
Area Oil and Gas Supervisor and
the Commissioner of Public Lands

The foregoing approvals are for the Supplemental 1989 Drilling Program for the
San Juan 30-5 Unit #14-08-001-346.

U56N2650
07/12/89

WORKING INTEREST OWNERS
SAN JUAN 30-5 UNIT

AMOCO PRODUCTION COMPANY
SOUTHERN DIVISION, PRODUCTION MGR.
1670 BROADWAY
P.O. BOX 800
DENVER, CO 80201

MAR OIL & GAS CORPORATION
ATTN: M. A. ROMERO
P.O. BOX 5155
SANTA FE, NM 87502

ARAPAHOE DRILLING
P.O. BOX 26687
ALBUQUERQUE, NM 87125

MAX B. ROTHOLZ
1323 N. FULTON
WHARTON, TX 77488

EVELYN G. BROWN
C/O JAMES BROWN
14 ALPINE ROAD
GREENWICH, CT 06830

MERIDIAN OIL PRODUCTION INC.
LAND DEPARTMENT
P.O. BOX 4289
FARMINGTON, NM 87401

FLAG-REDFERN OIL COMPANY
P.O. BOX 11050
MIDLAND, TX 79702

PHILLIPS PETROLEUM COMPANY
ATTN: PARTNERSHIP OPERATIONS
P.O. BOX 1967
HOUSTON, TX 77251-1967

H.O. & T.K. POOL TRUST
C/O FIRST INTERSTATE BANK OF ARIZONA
P.O. BOX 53435, DEPT. #962
PHOENIX, AZ 85072

ROBERT TINNIN
P.O. BOX 1885
ALBUQUERQUE, NM 87103

JAY I. COHEN, TRUSTEE
ABCRCROMBIE TRUST
10370 RICHMOND, SUITE 710
HOUSTON, TX 77042

RUTH ZIMMERMAN TRUST
842 MUIRLANDS VISTA WY.
LA JOLLA, CA 92037

KATHLEEN QUINN, PERSONAL REP.
OF THE ESTATE OF JOE QUINN
1031 SOUTH LONGWOOD LOOP
MESA, AZ 85208

TEXACO, INC.
OPERATIONS DIVISION
P.O. BOX 3109
MIDLAND, TX 79702

LANGDON D. HARRISON
7517 TAMARRON PLACE N.E.
ALBUQUERQUE, NM 87109

THOMAS A. & MARY E. DUGAN
P.O. BOX 420
FARMINGTON, NM 87499-0420

NORTHWEST PIPELINE CORPORATION
ONE OF THE WILLIAMS COMPANIES 

321-89

LAND DEPARTMENT

June 9, 1989

P.O. BOX 8900
SALT LAKE CITY, UTAH 84108-0899
801-584-7215

Assistant District Manager, Minerals
Bureau of Land Management
425 Montano, N.E.
Albuquerque, NM 87107

State of New Mexico
Commissioner of Public Lands
Attn: Mr. Floyd O. Prando
P.O. Box 1148
Santa Fe, NM 87504-1148

State of New Mexico
Oil Conservation Commission
Attn: Mr. William J. LeMay
310 Old Santa Fe Trail, Room 206
Santa Fe, NM 87503

Re: San Juan 30-5 Unit, #14-08-001-346
Rio Arriba County, New Mexico
1989 Drilling Program

Gentlemen:

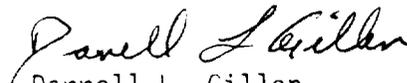
The 1989 Drilling Program filed by letter dated March 3, 1989, for the San Juan 30-5 Unit has been approved by the regulatory agencies as follows:

Bureau of Land Management	5/10/89
Commissioner of Public Lands	4/3/89
Oil Conservation Commission	3/13/89

Copies of this letter are being sent to the Working Interest Owners shown on the attached sheet.

Sincerely,

NORTHWEST PIPELINE CORPORATION


Darrell L. Gillen
Land Manager

DLG:cg
Attachment

cc: Working Interest Owners
W. O. Curtis
P. C. Thompson

U56N2650
06/09/89

WORKING INTEREST OWNERS
SAN JUAN 30-5 UNIT

AMOCO PRODUCTION COMPANY
SOUTHERN DIVISION, PRODUCTION MGR.
1670 BROADWAY
P.O. BOX 800
DENVER, CO 80201

MAR OIL & GAS CORPORATION
ATTN: M. A. ROMERO
P.O. BOX 5155
SANTA FE, NM 87502

ARAPAHOE DRILLING
P.O. BOX 26687
ALBUQUERQUE, NM 87125

MAX B. ROTHOLZ
1323 N. FULTON
WHARTON, TX 77488

EVELYN G. BROWN
C/O JAMES BROWN
14 ALPINE ROAD
GREENWICH, CT 06830

MERIDIAN OIL PRODUCTION INC.
LAND DEPARTMENT
P.O. BOX 4289
FARMINGTON, NM 87401

FLAG REDFERN OIL COMPANY
P.O. BOX 11050
MIDLAND, TX 79702

PHILLIPS PETROLEUM COMPANY
ATTN: PARTNERSHIP OPERATIONS
P.O. BOX 1967
HOUSTON, TX 77251-1967

H.O. & J.K. POOL TRUST
C/O FIRST INTERSTATE BANK OF ARIZONA
P.O. BOX 53435, DEPT. #962
PHOENIX, AZ 85072

ROBERT TINNIN
P.O. BOX 1885
ALBUQUERQUE, NM 87103

JAY I. COHEN, TRUSTEE
ABERCROMBIE TRUST
10370 RICHMOND, SUITE 710
HOUSTON, TX 77042

RUTH ZIMMERMAN TRUST
842 MUIRLANDS VISTA WY.
LA JOLLA, CA 92037

KATHLEEN QUINN, PERSONAL REP.
OF THE ESTATE OF JOE QUINN
1031 SOUTH LONGWOOD LOOP
MESA, AZ 85208

TEXACO, INC.
OPERATIONS DIVISION
P.O. BOX 3109
MIDLAND, TX 79702

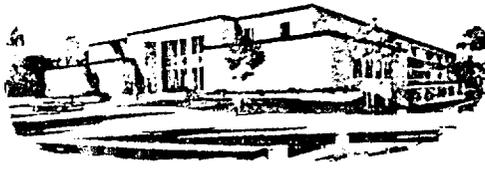
LANGDON D. HARRISON
7517 TAMARRON PLACE N.E.
ALBUQUERQUE, NM 87109

THOMAS A. & MARY E. DUGAN
P.O. BOX 208
FARMINGTON, NM 87499

State of New Mexico



W.R. HUMPHRIES
COMMISSIONER



Commissioner of Public Lands

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

April 4, 1989

Northwest Pipeline Corporation
P.O. Box 8900
Salt Lake City, Utah 84108-0899

#417

ATTN: Darrell L. Gillen

RE: 1989 Plan of Development
San Juan 30-5 Unit
Rio Arriba County, New Mexico

Gentlemen:

The Commissioner of Public Lands has this date approved the above captioned 1989 Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

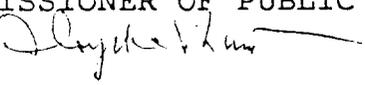
Enclosed is a copy for your files.

If we may be of further help, please do not hesitate to contact us.

Very truly yours,

W.R. HUMPHRIES
COMMISSIONER OF PUBLIC LANDS

BY:


FLOYD O. PRANDO, Director
Oil and Gas Division
(505) 827-5744

cc:OCD
BLM

LAND DEPARTMENT

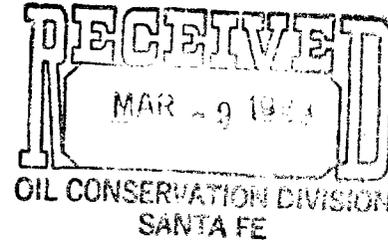
P.O. BOX 8900
SALT LAKE CITY, UTAH 84108-0899
801-584-7215

March 3, 1989

Assistant District Manager, Minerals
Bureau of Land Management
425 Montano, N.E.
Albuquerque, NM 87107

State of New Mexico
Commissioner of Public Lands
Attn: Mr. Floyd O. Prando
P.O. Box 1148
Santa Fe, NM 87504-1148

State of New Mexico
Oil Conservation Commission
Attn: Mr. William J. LeMay
310 Old Santa Fe Trail, Room 206
Santa Fe, NM 87503



Re: San Juan 30-5 Unit, #14-08-001-346
Rio Arriba County, New Mexico
1989 Drilling Program

Gentlemen:

By letter dated April 27, 1988, Northwest Pipeline Corporation, as Unit Operator, filed a Drilling Program for the referenced Unit. The Drilling Program indicated that one additional Mesaverde well would be drilled during 1988 in the Unit. The San Juan 30-5 Unit #109 was drilled on a timely basis.

As of this date, the total number of wells drilled in the San Juan 30-5 Unit on acreage committed to the unit is as follows:

Pictured Cliffs, plugged and abandoned	2
Pictured Cliffs, commercial	2
Pictured Cliffs/Mesaverde, commercial	2
Mesaverde, commercial	46
Mesaverde, undetermined	1
Mesaverde, non-commercial	1
Mesaverde, plugged and abandoned	6
Mesaverde, temporarily abandoned	1
Mesaverde/Dakota, plugged and abandoned	2
Mesaverde/Dakota, (Mesaverde commercial, Dakota non-commercial)	1

Assistant District Manager, Minerals
Commissioner of Public Lands
Oil Conservation Commission
March 3, 1989
Page 2

Dakota, commercial	35
Dakota, non-commercial	5
Dakota, commerciality undetermined	2
Dakota/Gallup, non-commercial	1
Dakota/Gallup (Dakota non-commercial, Gallup commerciality undetermined)	<u>1</u>
TOTAL	108

The Participating Areas which have been established in the San Juan 30-5 Unit are as follows:

<u>Formation</u>	<u>Revision</u>	<u>Effective</u>
Pictured Cliffs	Third	November 1, 1982
Mesaverde	Thirty second	October 1, 1985
Dakota	Fifteenth	July 1, 1984
Dakota	Initial "A"	January 17, 1974

Pursuant to the Bureau of Land Management's new requirements to provide maps and the latest geologic interpretations of each of the Participating Areas within the unit, and our discussions with Robert Kent and Gail Keller of BLM, it was agreed that new maps are not required at this time due to the fact that Northwest Pipeline Corporation has provided maps for the Participating Areas listed above at the time of application, and there have been no changes to the Participating Areas listed. Additionally, the geology of the San Juan Basin is well established, therefore as agreed, we are not including our geologic interpretations.

Attached is a production history of each Participating Area within the San Juan 30-5 Unit area.

Pursuant to Section 10 of the San Juan 30-5 Unit Agreement, Northwest Pipeline Corporation is submitting a Drilling Program for the calendar year 1989. No additional wells are proposed to be drilled during 1989.

All of the Working Interest Owners have been contacted and this Drilling Program reflects the desires of a majority of the Working Interest Owners. Northwest Pipeline Corporation, as Unit Operator, and the Working Interest Owners believe that all current obligations have been satisfied.

Northwest Pipeline Corporation, as Unit Operator, will drill any offset wells that may be required to prevent drainage of unitized substances and any other wells deemed necessary or which are requested by the Unit Operator or the Working Interest Owners.

Assistant District Manager, Minerals
Commissioner of Public Lands
Oil Conservation Commission
March 3, 1989
Page 3

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to Northwest Pipeline Corporation.

Copies of this Drilling Program are being sent to the Working Interest Owners as shown on the attached sheet.

Sincerely,

NORTHWEST PIPELINE CORPORATION


Darrell L. Gillen
Land Manager

DLG:cg

Attachment

cc: Working Interest Owners
W. O. Curtis
P. C. Thompson

Assistant District Manager, Minerals
Commissioner of Public Lands
Oil Conservation Commission
March 3, 1989
Page 4

APPROVED _____

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

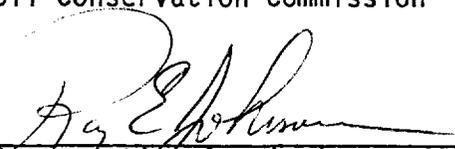
DATE _____

APPROVED _____

Commissioner of Public Lands
Subject to like approval by the
Area Oil and Gas Supervisor and
the Oil Conservation Commission

DATE _____

APPROVED _____


Oil Conservation Commission
Subject to like approval by the
Area Oil and Gas Supervisor and
the Commissioner of Public Lands

DATE 3-13-89

The foregoing approvals are for the 1989 Drilling Program for the San Juan 30-5
Unit #14-08-001-346.

AMOCO PRODUCTION COMPANY
SOUTHERN DIVISION, PRODUCTION MGR.
1670 BROADWAY
P. O. BOX 800
DENVER, CO 80201

MAR OIL & GAS CORPORATION
ATTN: M. A. ROMERO
P.O. BOX 5155
SANTA FE, NM 87502

ARAPAHOE DRILLING
P. O. BOX 26687
ALBUQUERQUE, NM 87125

MAX B. ROTHOLZ
1323 N. FULTON
WHARTON, TX 77488

EVELYN G. BROWN
C/O JAMES BROWN
14 ALPINE ROAD
GREENWICH, CT 06830

MERIDIAN OIL PRODUCTION INC.
LAND DEPARTMENT
P.O. BOX 4289
FARMINGTON, NM 87401

FLAG-REDFERN OIL COMPANY
P. O. BOX 11050
MIDLAND, TX 79702

PHILLIPS PETROLEUM COMPANY
ATTN: PARTNERSHIP OPERATIONS
P.O. BOX 1967
HOUSTON, TX 77251-1967

H.O. & T.K. POOL TRUST
C/O FIRST INTERSTATE BANK OF ARIZONA
P.O. BOX 53435, DEPT. #962
PHOENIX, AZ 85072

ROBERT TINNIN
P.O. BOX 1885
ALBUQUERQUE, NM 87103

JAY I. COHEN, TRUSTEE
ABERCROMBIE TRUST
10370 RICHMOND, SUITE 710
HOUSTON, TX 77042

RUTH ZIMMERMAN TRUST
842 MUIRLANDS VISTA WY.
LA JOLLA, CA 92037

KATHLEEN QUINN, PERSONAL REP.
OF THE ESTATE OF JOE QUINN
1031 SOUTH LONGWOOD LOOP
MESA, AZ 85208

TEXACO, INC.
OPERATIONS DIVISION
P.O. BOX 3109
MIDLAND, TX 79702

LANGDON D. HARRISON
7517 TAMARRON PLACE N.E.
ALBUQUERQUE, NM 87109

THOMAS A. & MARY E. DUGAN
P.O. BOX 208
FARMINGTON, NM 87499

NORTHWEST PIPELINE CORPORATION
 RESERVOIR ENGINEERING HISTORY FILE EXTRACT @ 14.73 PSIA
 SAN JUAN 30-5 PICTURED CLIFFS

U53N0580 JANUARY 1989
 WED FEBRUARY 22, 1989 11:01:32 PM

WELLS IN SUMMARY = 4
 AVERAGE BTU/SCF = 1072
 AVERAGE GRAVITY = 0.636
 R.L. RATIO..... = 0.0

INITIAL.....MMCF = 0.000
 CUMULATIVE...MMCF = 348.539
 REMAINING...MMCF = -348.539

MONTH	1972		1973		1974		1975		1976		1977	
	MCF	PSIG DAYS										
JAN	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
FEB	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
MAR	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
APR	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
MAY	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
JUN	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
JUL	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
AUG	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
SEP	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
OCT	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
NOV	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
DEC	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
TOTALS	0	0	0	0	0	0	0	0	0	0	0	0

MONTH	1978		1979		1980		1981		1982		1983	
	MCF	PSIG DAYS	MCF	PSIG DAYS	MCF	PSIG DAYS	MCF	PSIG DAYS	MCF	PSIG DAYS	MCF	PSIG DAYS
JAN	0	0.0	0	0.0	3553	184	2176	183	546	286	4256	268
FEB	0	0.0	0	0.0	2715	173	1306	180	980	264	58	344
MAR	0	0.0	0	0.0	3463	176	1792	195	0	0	1927	261
APR	0	0.0	0	0.0	2075	167	1322	246	1912	294	2416	262
MAY	0	0.0	0	0.0	1650	171	1254	214	11894	289	1694	317
JUN	0	0.0	0	0.0	0	0	0	0	5888	281	1696	292
JUL	0	0.0	0	0.0	0	0	1213	293	5464	293	3046	274
AUG	0	0.0	0	0.0	2309	185	7465	279	7725	253	2960	290
SEP	0	0.0	1128	223	1419	234	1030	304	5787	253	4549	274
OCT	0	0.0	5349	31.9	689	186	8202	291	5302	266	4398	328
NOV	0	0.0	3925	191	1510	184	4549	263	1804	282	3890	272
DEC	0	0.0	3763	187	878	188	5311	285	5165	290	8725	234
TOTALS	0	0	14165	200	20261	184	35620	248	52267	277	39615	284

MONTH	1984		1985		1986		1987		1988		1989	
	MCF	PSIG DAYS										
JAN	11839	205	0	0.0	3704	245	0	0.0	4690	298	0	0.0
FEB	4252	239	1350	256	5979	274	0	0.0	5062	284	0	0.0
MAR	2236	243	2053	235	916	275	3	0.0	4904	277	0	0.0
APR	1315	277	4807	281	0	0	0	0.0	5975	233	0	0.0
MAY	5841	271	1487	299	3280	262	0	0.0	5639	255	0	0.0
JUN	6575	280	10665	231	0	0	0	0.0	3214	267	0	0.0
JUL	9638	247	6068	212	0	0	0	0.0	1705	257	0	0.0
AUG	10031	227	0	0.0	0	0	0	0.0	0	0	0	0.0
SEP	7444	243	1237	226	0	0	0	0.0	0	0	0	0.0
OCT	2216	331	8466	229	0	0	0	0.0	1634	306	0	0.0
NOV	2712	298	8125	241	0	0	0	0.0	0	0	0	0.0
DEC	0	0.0	4957	240	456	247	6131	303	0	0	0	0.0
TOTALS	64099	260	49215	245	14335	260	26139	311	52267	272	39615	284

NORTHWEST PIPELINE CORPORATION
 RESERVOIR ENGINEERING HISTORY FILE EXTRACT @ 14.73 PSIA
 SAN JUAN 30-5 PICTURED CLIFFS

U53N0580
 WED FEBRUARY 22, 1989

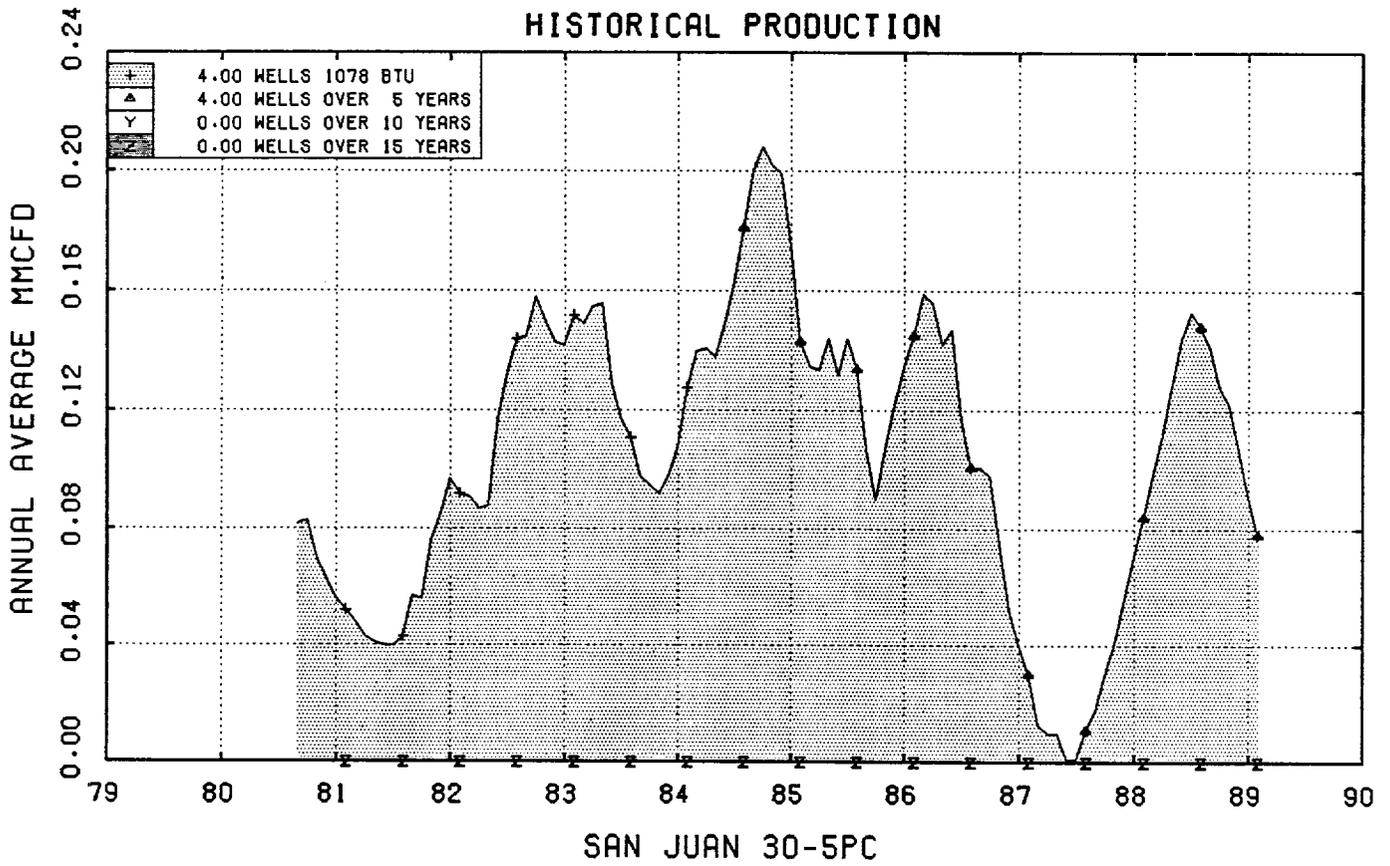
JANUARY 1989
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MONTH	1972		1973		1974		1975		1976		1977	
	WELLS FLOWING	MAX PSIG										
JAN	0	0	0	0	0	0	0	0	0	0	0	0
FEB	0	0	0	0	0	0	0	0	0	0	0	0
MAR	0	0	0	0	0	0	0	0	0	0	0	0
APR	0	0	0	0	0	0	0	0	0	0	0	0
MAY	0	0	0	0	0	0	0	0	0	0	0	0
JUN	0	0	0	0	0	0	0	0	0	0	0	0
JUL	0	0	0	0	0	0	0	0	0	0	0	0
AUG	0	0	0	0	0	0	0	0	0	0	0	0
SEP	0	0	0	0	0	0	0	0	0	0	0	0
OCT	0	0	0	0	0	0	0	0	0	0	0	0
NOV	0	0	0	0	0	0	0	0	0	0	0	0
DEC	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	0	0	0	0	0	0	0	0	0	0	0	0

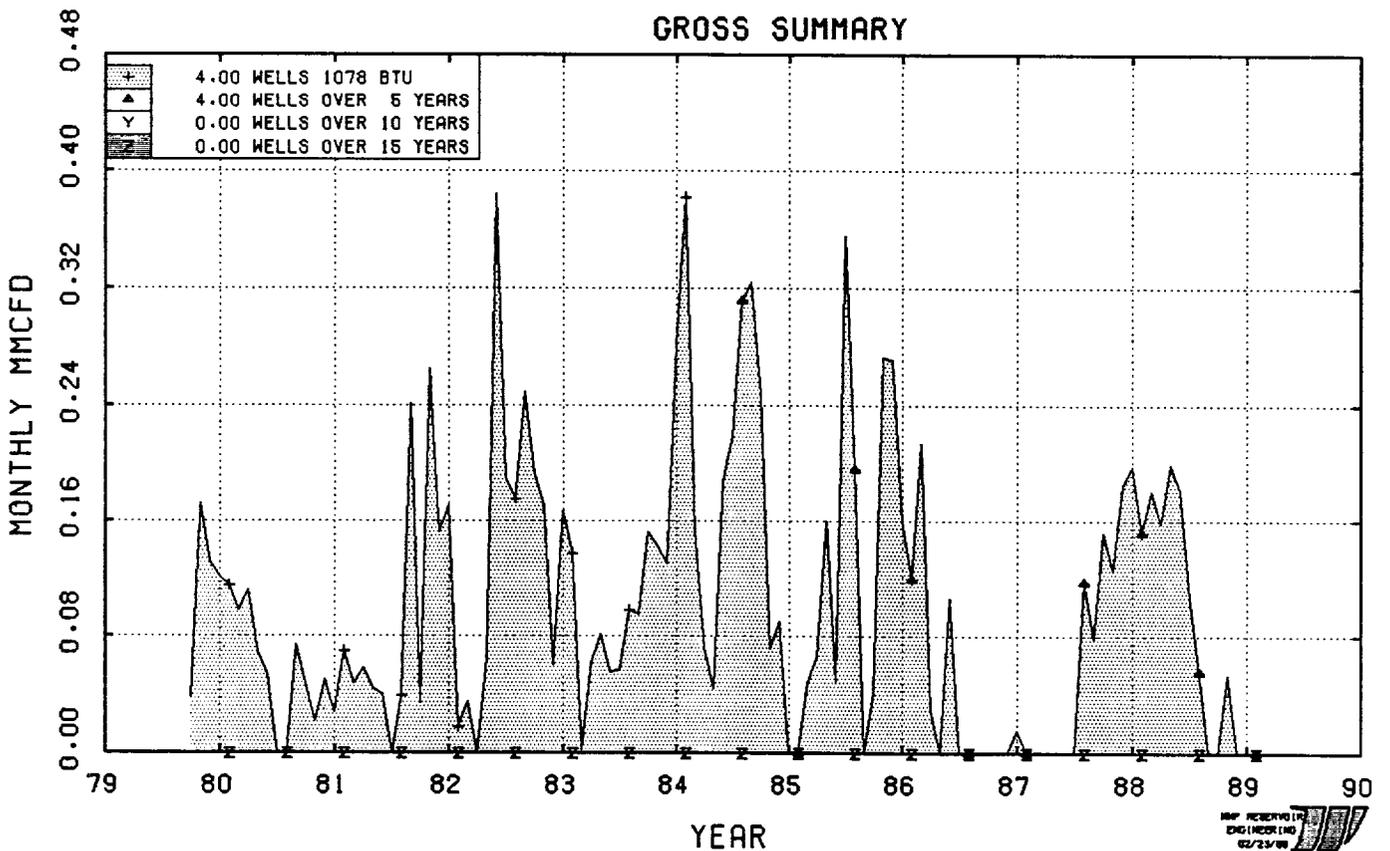
MONTH	1978		1979		1980		1981		1982		1983	
	WELLS FLOWING	MAX PSIG										
JAN	0	0	0	0	1	184	1	183	2	290	3	344
FEB	0	0	0	0	1	173	1	180	1	264	1	274
MAR	0	0	0	0	1	176	1	195	0	0	2	266
APR	0	0	0	0	1	167	1	246	2	310	2	278
MAY	0	0	0	0	1	171	1	214	3	299	3	322
JUN	0	0	0	0	0	0	0	0	3	289	2	305
JUL	0	0	0	0	0	0	1	293	3	299	3	298
AUG	0	0	0	0	1	185	1	279	3	269	2	293
SEP	0	0	1	223	1	234	2	308	3	259	3	289
OCT	0	0	1	191	1	186	2	293	3	271	1	328
NOV	0	0	1	184	1	184	2	269	3	295	1	272
DEC	0	0	1	187	1	188	2	293	3	310	4	245
TOTALS	0	0	1	223	1	234	2	308	3	310	4	344

MONTH	1984		1985		1986		1987		1988		1989	
	WELLS FLOWING	MAX PSIG										
JAN	4	227	0	0	4	314	0	0	4	302	0	0
FEB	3	252	3	269	3	281	0	0	4	298	0	0
MAR	1	243	3	241	4	286	1	0	4	294	0	0
APR	2	280	4	298	0	0	0	0	4	240	0	0
MAY	2	276	4	318	4	272	0	0	4	276	0	0
JUN	4	306	4	233	0	0	0	0	4	270	0	0
JUL	4	255	4	216	0	0	4	346	3	260	0	0
AUG	4	228	0	0	0	0	4	353	0	0	0	0
SEP	4	252	2	231	0	0	4	341	0	0	0	0
OCT	2	340	4	234	0	0	4	318	2	315	0	0
NOV	2	306	4	263	0	0	4	330	0	0	0	0
DEC	0	0	4	257	1	247	4	316	0	0	0	0
TOTALS	4	340	4	318	4	314	4	353	4	315	0	0

HISTORICAL PRODUCTION



GROSS SUMMARY



NORTHWEST PIPELINE CORPORATION
 RESERVOIR ENGINEERING HISTORY FILE EXTRACT @ 14.73 PSIA
 SAN JUAN 30-5 MESA VERDE

US3N0580 JANUARY 1989
 WED FEBRUARY 22, 1989 10:51:15 PM

WELLS IN SUMMARY = 52
 AVERAGE BTU/SCF = 1044
 AVERAGE GRAVITY = 0.600
 R.L. RATIO..... = 0.0

INITIAL.....MMCF = 0.000
 CUMULATIVE...MMCF = 38094.311
 REMAINING...MMCF = -38094.311

MONTH	1972		1973		1974		1975		1976		1977	
	MCF	PSIG DAYS										
JAN	96673	0	161971	0	111429	0	90782	0	177509	0	144333	0
FEB	93913	0	106653	0	83763	0	100639	0	164072	0	114861	0
MAR	95307	0	122217	0	109449	0	107942	0	174844	0	119853	0
APR	100009	0	89803	0	78710	0	95161	0	181234	0	70473	0
MAY	88284	0	111133	0	89895	0	127611	0	123623	0	139919	0
JUN	90050	0	87739	0	78880	0	139890	0	90923	0	96220	217
JUL	104099	0	109257	0	72511	0	94839	0	97006	0	94622	219
AUG	61586	0	97592	0	87835	0	87039	0	120540	0	108469	234
SEP	102502	0	84632	0	88420	0	90476	0	103366	0	116273	212
OCT	113592	0	96479	0	95846	0	133425	0	137914	0	103910	236
NOV	113503	0	96541	0	91287	0	121111	0	142334	0	107476	249
DEC	128478	0	108984	0	96429	0	124973	0	113629	0	154834	244
TOTALS	1187996	0	1273001	0	1084454	0	1323888	0	1626994	0	1371243	230

MONTH	1978		1979		1980		1981		1982		1983	
	MCF	PSIG DAYS	MCF	PSIG DAYS	MCF	PSIG DAYS	MCF	PSIG DAYS	MCF	PSIG DAYS	MCF	PSIG DAYS
JAN	167603	236	122757	185	114841	187	112719	204	107175	276	107451	265
FEB	128806	236	89181	182	85014	179	114139	199	107300	258	46266	280
MAR	118865	218	115546	170	107686	179	121999	209	97291	268	73713	262
APR	105704	280	109872	187	127268	189	82134	251	119547	293	83040	287
MAY	82171	290	148412	229	115775	202	85704	225	132725	293	67174	300
JUN	123647	287	101099	215	100253	231	3925	308	106896	286	42818	289
JUL	89727	303	125322	224	102537	201	20284	313	120697	316	58177	271
AUG	96949	312	116530	208	106986	227	34936	311	77759	287	44726	282
SEP	153063	300	117297	236	93750	260	11926	313	65634	267	73918	271
OCT	116171	308	121059	228	111699	244	74807	325	131866	281	69309	297
NOV	144566	259	122057	192	116331	203	138792	289	139626	296	133285	260
DEC	138931	197	140378	198	116291	202	125160	289	130188	284	104689	240
TOTALS	1466203	268	1429510	204	1298431	208	926525	269	1336704	283	904566	275

MONTH	1984		1985		1986		1987		1988		1989	
	MCF	PSIG DAYS	MCF	PSIG DAYS	MCF	PSIG DAYS	MCF	PSIG DAYS	MCF	PSIG DAYS	MCF	PSIG DAYS
JAN	122072	218	157899	304	199566	232	73308	271	163513	304	18348	286
FEB	105460	265	155833	264	160029	280	58704	314	161268	292	18348	286
MAR	114728	250	152669	243	95638	271	38369	247	163475	282	18348	286
APR	120894	284	112961	280	84503	267	42311	265	173498	242	18348	286
MAY	138477	282	82682	283	183556	262	73505	280	147782	266	18348	286
JUN	74635	292	16502	240	179215	243	63511	275	142722	265	18348	286
JUL	30993	272	5739	223	30109	240	138233	314	110672	242	18348	286
AUG	325	228	16484	271	4295	301	95981	333	60918	272	18348	286
SEP	16803	266	12288	234	93743	307	149874	324	25346	260	18348	286
OCT	114449	303	38797	265	78872	253	146604	303	271	295	18348	286
NOV	49668	290	167889	273	65907	254	163706	318	225	284	18348	286
DEC	61530	241	237575	248	97844	267	191848	311	293	294	18348	286
TOTALS	950034	265	1157318	260	1273277	264	1235954	296	1149983	275	18348	286

NORTHWEST PIPELINE CORPORATION
 RESERVOIR ENGINEERING HISTORY FILE EXTRACT @ 14.73 PSIA
 SAN JUAN 30-5 MESA VERDE

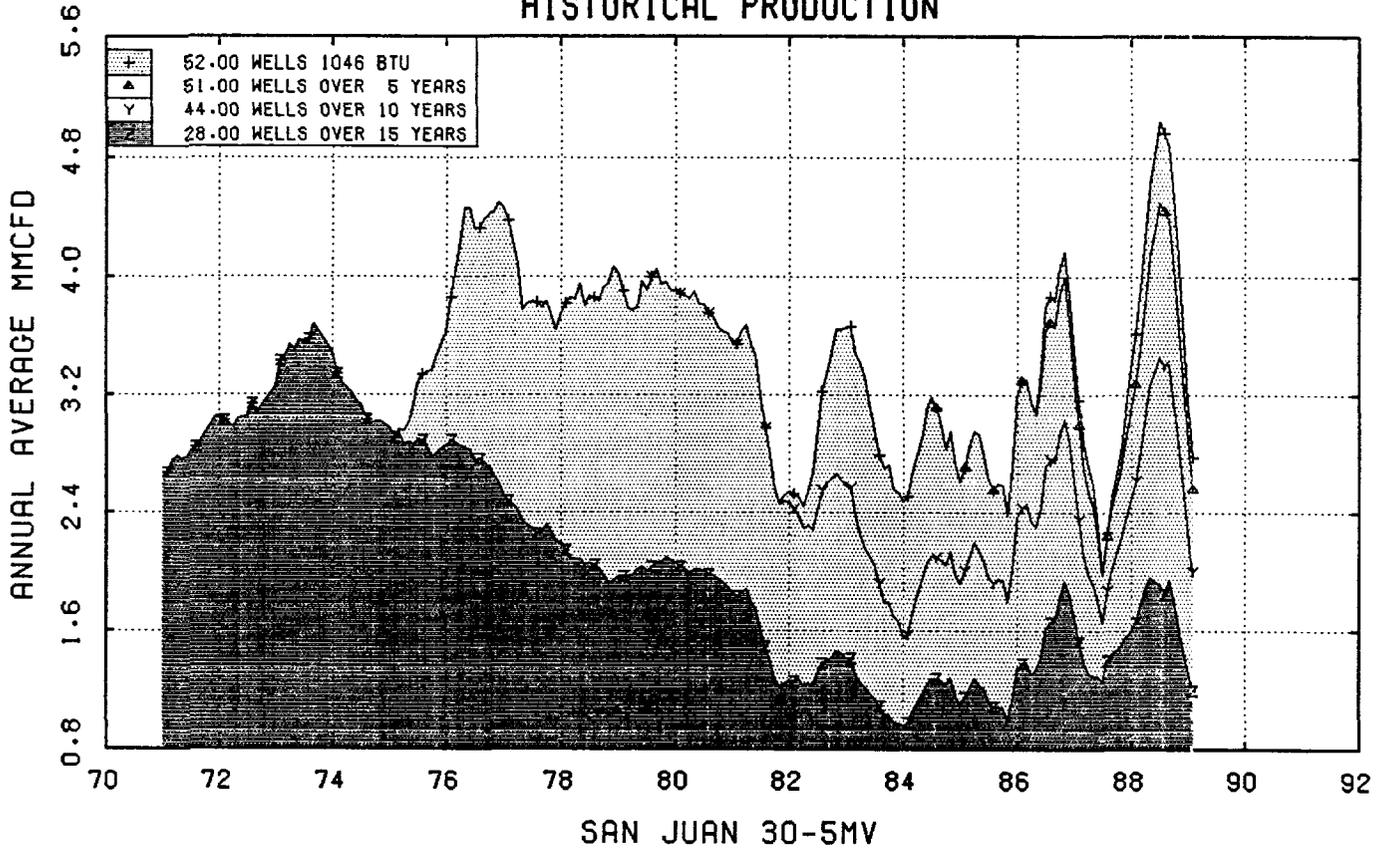
U53N0580 JANUARY 1989
 WED FEBRUARY 22, 1989 10:51:15 PM

MONTH	1972		1973		1974		1975		1976		1977	
	WELLS FLOWING	MAX PSIG										
JAN	27	0	28	0	27	0	27	0	32	0	36	0
FEB	27	0	28	0	28	0	28	0	34	0	37	0
MAR	27	0	28	0	28	0	28	0	37	0	37	0
APR	27	0	28	0	28	0	28	0	37	0	38	0
MAY	27	0	27	0	28	0	30	0	37	0	39	0
JUN	26	0	28	0	28	0	30	0	36	0	39	0
JUL	27	0	28	0	27	0	30	0	33	0	35	400
AUG	27	0	28	0	27	0	29	0	37	0	39	302
SEP	27	0	28	0	26	0	30	0	37	0	39	267
OCT	27	0	28	0	27	0	30	0	37	0	39	371
NOV	27	0	28	0	27	0	30	0	37	0	40	471
DEC	27	0	28	0	27	0	30	0	37	0	41	315
TOTALS	27	0	28	0	28	0	30	0	37	0	41	471

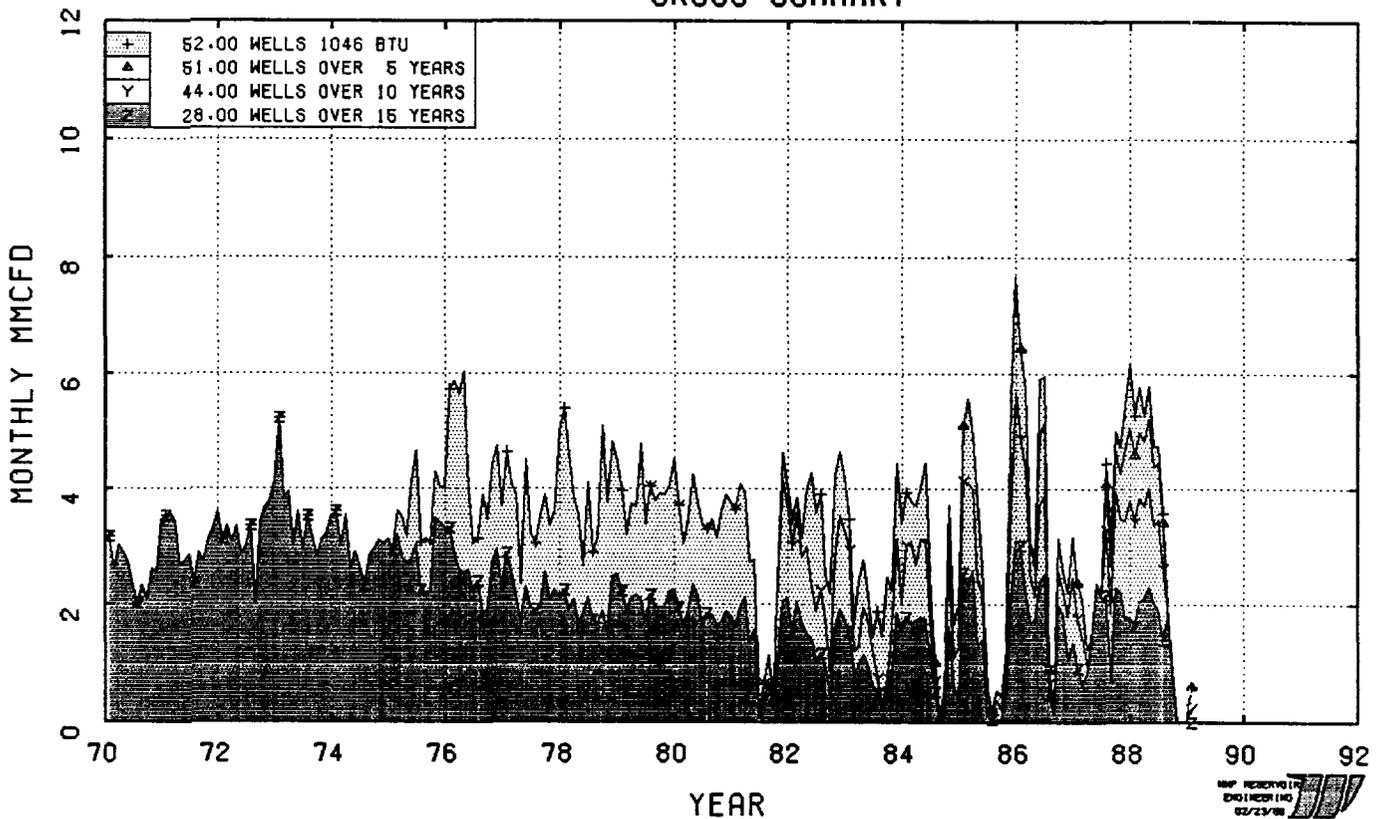
MONTH	1978		1979		1980		1981		1982		1983	
	WELLS FLOWING	MAX PSIG										
JAN	41	323	41	278	41	238	39	260	41	305	42	289
FEB	41	376	41	348	40	221	40	279	41	342	38	309
MAR	41	310	41	207	40	240	40	282	41	304	17	332
APR	41	341	42	235	40	291	40	285	43	317	39	376
MAY	41	453	41	373	39	233	41	306	41	310	39	347
JUN	41	392	42	266	39	256	23	370	45	314	25	321
JUL	41	623	41	313	39	276	17	383	44	441	22	304
AUG	41	587	41	271	39	273	21	608	42	473	14	314
SEP	41	434	41	309	39	469	8	413	31	348	23	308
OCT	41	405	42	267	39	319	24	660	42	325	36	501
NOV	41	413	41	232	39	282	39	455	44	314	43	296
DEC	41	268	41	279	39	258	40	332	47	319	38	366
TOTALS	41	623	42	373	41	469	40	660	47	473	43	501

MONTH	1984		1985		1986		1987		1988		1989	
	WELLS FLOWING	MAX PSIG										
JAN	41	323	43	331	48	275	32	322	47	327	3	290
FEB	39	377	44	295	49	302	36	351	47	330		
MAR	40	314	41	265	47	311	28	261	47	317		
APR	47	346	46	328	25	314	18	287	46	272		
MAY	47	314	44	340	49	360	18	297	47	299		
JUN	41	315	44	272	47	259	18	301	47	293		
JUL	21	299	18	231	44	366	48	380	47	272		
AUG	1	228	6	304	7	324	49	369	22	338		
SEP	14	295	10	260	34	393	45	348	19	289		
OCT	39	349	25	381	23	289	48	339	3	297		
NOV	43	334	42	341	32	293	47	348	2	286		
DEC	13	252	48	274	31	309	47	337	2	299		
TOTALS	47	377	48	381	49	393	49	380	47	338	3	290

HISTORICAL PRODUCTION



GROSS SUMMARY



NORTHWEST PIPELINE CORPORATION
 RESERVOIR ENGINEERING HISTORY FILE EXTRACT @ 14.73 PSIA
 SAN JUAN 30-5 DAKOTA

U53N0580 JANUARY 1989
 WED FEBRUARY 22, 1989 10:39:43 PM

INITIAL.....MMCF = 0.000
 CUMULATIVE...MMCF = 12003.597
 REMAINING...MMCF = -12003.597

WELLS IN SUMMARY = 33
 AVERAGE BTU/SCF = 988
 AVERAGE GRAVITY = 0.585
 R.L. RATIO..... = 0.0

MONTH	1972		1973		1974		1975		1976		1977	
	MCF	PSIG DAYS	MCF	PSIG DAYS	MCF	PSIG DAYS	MCF	PSIG DAYS	MCF	PSIG DAYS	MCF	PSIG DAYS
JAN	0	0.0	0	0.0	0	0.0	5109	0.0	6188	0.0	4158	0.0
FEB	0	0.0	0	0.0	0	0.0	8912	0.0	3039	0.0	3283	0.0
MAR	0	0.0	0	0.0	66111	0.0	5446	0.0	5529	0.0	4373	0.0
APR	0	0.0	0	0.0	34375	0.0	6643	0.0	5764	0.0	4132	0.0
MAY	0	0.0	0	0.0	38494	0.0	5662	0.0	4115	0.0	4474	0.0
JUN	0	0.0	0	0.0	23545	0.0	6447	0.0	5197	0.0	2565	192
JUL	0	0.0	0	0.0	23418	0.0	3408	0.0	5634	0.0	14983	200
AUG	0	0.0	0	0.0	18284	0.0	3320	0.0	2004	0.0	18834	259
SEP	0	0.0	0	0.0	13401	0.0	7167	0.0	3238	0.0	16024	249
OCT	0	0.0	0	0.0	8327	0.0	7760	0.0	3828	0.0	25425	247
NOV	0	0.0	0	0.0	3086	0.0	9116	0.0	6162	0.0	16561	256
DEC	0	0.0	0	0.0	5859	0.0	7735	0.0	4110	0.0	11191	268
TOTALS	0	0	0	0	233900	0	76725	0	54808	0	126003	253

MONTH	1978		1979		1980		1981		1982		1983	
	MCF	PSIG DAYS	MCF	PSIG DAYS	MCF	PSIG DAYS						
JAN	14322	240	9637	166	11535	171	4609	185	133492	276	87128	266
FEB	11507	233	8761	158	6051	166	8683	184	97182	261	91046	275
MAR	12795	252	13853	150	9225	173	8707	199	97368	272	89102	261
APR	11735	307	12024	176	8625	162	10007	245	111803	296	109456	281
MAY	15079	262	13967	207	7924	185	8474	212	87643	295	40055	298
JUN	11659	275	10947	203	8996	197	8407	288	66137	290	81776	291
JUL	14256	277	10754	216	7103	180	35173	363	128658	327	118502	266
AUG	13556	274	12289	194	10249	200	45627	310	65834	272	48951	296
SEP	12747	293	11899	222	8170	239	86275	325	52863	273	108722	278
OCT	12171	239	11993	217	11334	226	146771	316	51691	287	19420	347
NOV	12862	171	11468	176	10305	182	108703	279	125445	296	57349	260
DEC			6984	176	6020	177	126125	287	93730	281	68939	231
TOTALS	159017	259	134576	188	105537	188	597561	266	1111846	285	920446	279

MONTH	1984		1985		1986		1987		1988		1989	
	MCF	PSIG DAYS	MCF	PSIG DAYS								
JAN	110251	210	246508	308	154158	246	209114	266	135487	303	116157	269
FEB	143153	267	188387	266	199919	280	183193	287	153959	295		
MAR	156390	250	194304	246	113402	277	190156	249	163436	286		
APR	164551	283	334678	285	10474	260	102969	257	135142	267		
MAY	129223	284	103994	280	195911	278	166143	301	170622	272		
JUN	139200	293	23734	235	119250	245	207519	284	96306	294		
JUL	107460	264	19277	231	16559	236	174540	302	64148	333		
AUG	61630	226	4596	264	79619	313	152551	313	91855	261		
SEP	83298	244	1455	249	249560	287	185418	324	185260	285		
OCT	146403	316	138288	239	241658	244	170235	305	144299	292		
NOV	127395	289	201188	267	107381	240	156847	315	121269	292		
DEC	64598	245	164697	250	190659	289	168197	315	109743	287		
TOTALS	1433552	264	1621106	260	1678550	266	2066882	293	1571526	288	116157	269

NORTHWEST PIPELINE CORPORATION
 RESERVOIR ENGINEERING HISTORY FILE EXTRACT @ 14.73 PSIA
 SAN JUAN 30-5 DAKOTA

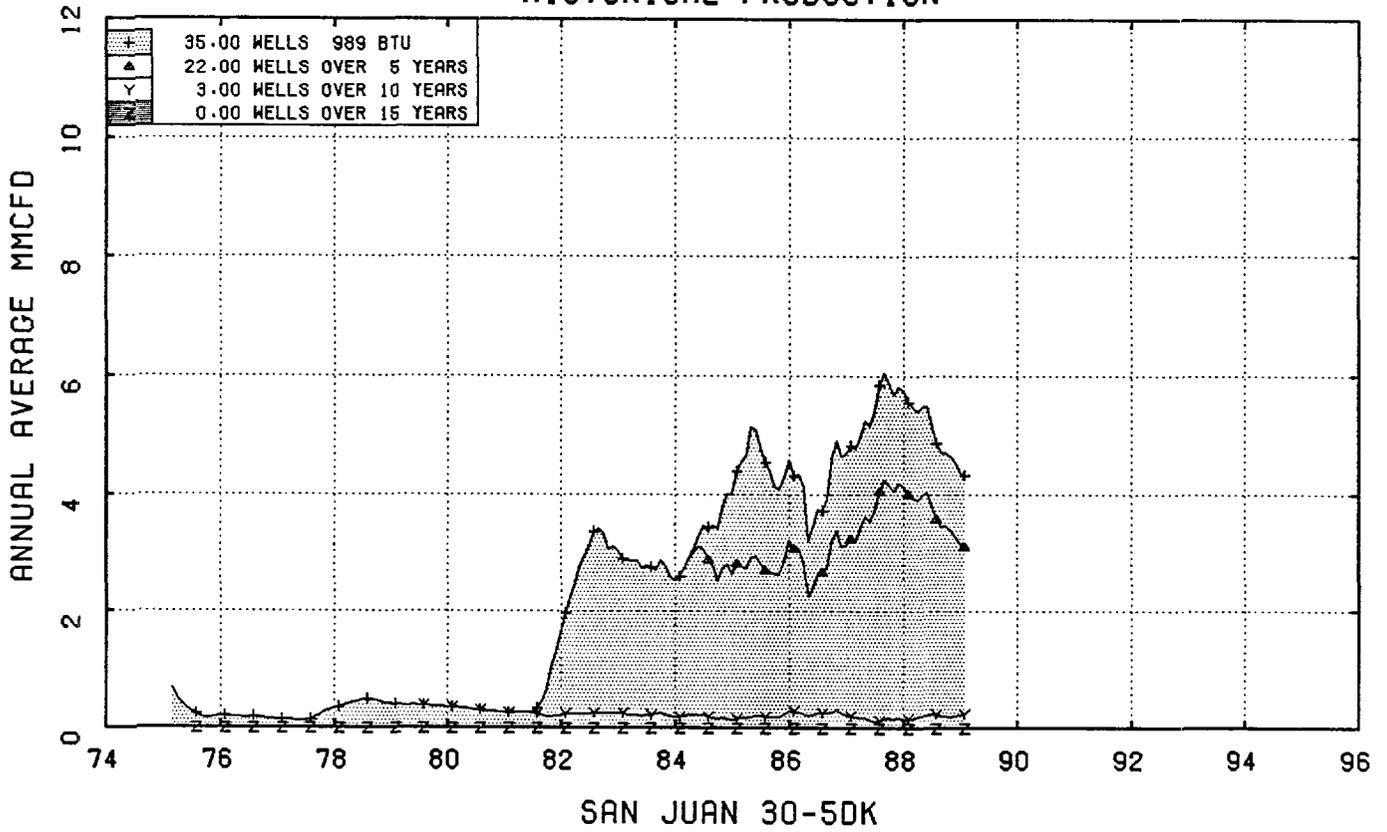
U53N0580 JANUARY 1989
 WED FEBRUARY 22, 1989 10:39:43 PM

MONTH	1972		1973		1974		1975		1976		1977	
	WELLS FLOWING	MAX PSIG										
JAN	0	0	0	0	0	0	1	0	1	0	1	0
FEB	0	0	0	0	0	0	1	0	1	0	1	0
MAR	0	0	0	0	1	0	1	0	1	0	1	0
APR	0	0	0	0	1	0	1	0	1	0	1	0
MAY	0	0	0	0	1	0	1	0	1	0	1	0
JUN	0	0	0	0	1	0	1	0	1	0	1	192
JUL	0	0	0	0	1	0	1	0	1	0	3	443
AUG	0	0	0	0	1	0	1	0	1	0	3	301
SEP	0	0	0	0	1	0	1	0	1	0	3	338
OCT	0	0	0	0	1	0	1	0	1	0	3	321
NOV	0	0	0	0	1	0	1	0	1	0	3	344
DEC	0	0	0	0	1	0	1	0	1	0	3	360
TOTALS	0	0	0	0	1	0	1	0	1	0	3	443

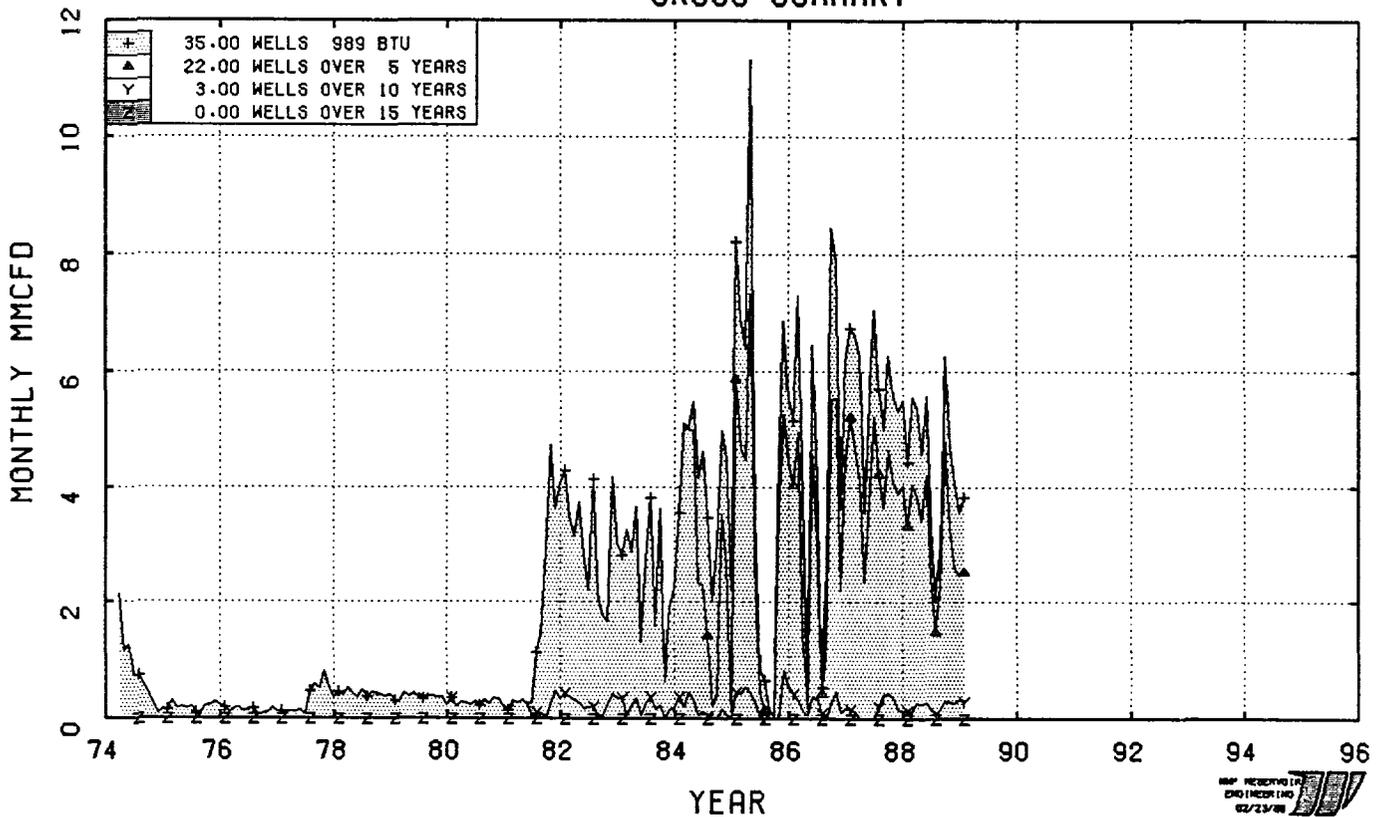
MONTH	1978		1979		1980		1981		1982		1983	
	WELLS FLOWING	MAX PSIG										
JAN	3	319	3	169	3	174	2	200	14	296	14	292
FEB	3	293	3	168	3	171	2	196	14	296	14	298
MAR	3	328	3	164	3	167	3	217	14	305	13	270
APR	3	355	3	185	3	175	3	252	16	335	17	329
MAY	3	346	3	220	3	202	3	225	11	308	15	320
JUN	3	289	3	213	3	224	5	339	16	307	16	308
JUL	3	292	3	222	3	194	5	430	17	353	17	281
AUG	3	298	3	210	3	210	7	337	13	299	17	318
SEP	3	291	3	200	3	248	8	342	9	309	18	301
OCT	3	301	3	233	3	232	12	331	13	312	7	385
NOV	3	252	3	185	3	193	12	285	15	305	13	292
DEC	3	177	3	190	3	193	14	300	16	291	14	264
TOTALS	3	355	3	233	3	248	14	430	17	353	18	385

MONTH	1984		1985		1986		1987		1988		1989	
	WELLS FLOWING	MAX PSIG										
JAN	14	255	24	336	27	320	29	285	32	317	29	277
FEB	18	291	22	289	32	306	31	326	32	314	32	314
MAR	20	272	32	293	30	314	29	259	32	311	32	284
APR	23	343	33	316	5	265	28	273	32	284	32	289
MAY	24	311	33	326	27	377	29	330	32	289	32	308
JUN	20	320	13	260	20	274	29	302	32	308	31	381
JUL	18	291	5	261	18	376	32	328	31	381	32	275
AUG	6	231	3	265	8	322	32	346	32	275	32	364
SEP	16	260	3	249	30	333	32	342	32	364	30	319
OCT	23	355	14	281	33	258	32	316	30	319	31	304
NOV	27	326	23	325	30	257	32	333	31	304	32	298
DEC	9	283	21	275	32	314	32	334	29	298	29	277
TOTALS	27	355	33	336	33	377	32	346	32	381	29	277

HISTORICAL PRODUCTION



GROSS SUMMARY



NORTHWEST PIPELINE CORPORATION
 RESERVOIR ENGINEERING HISTORY FILE EXTRACT @ 14.73 PSIA
 SAN JUAN 30-5 DAKOTA 'A'

U53N0580 JANUARY 1989
 WED FEBRUARY 22, 1989 10:24:49 PM

WELLS IN SUMMARY = 2
 AVERAGE BTU/SCF = 980
 AVERAGE GRAVITY = 0.590
 R.L. RATIO..... = 0.0

INITIAL.....MMCF = 0.000
 CUMULATIVE..MMCF = 1124.575
 REMAINING....MMCF = -1124.575

MONTH	1972		1973		1974		1975		1976		1977	
	MCF	PSIG DAYS	MCF	PSIG DAYS	MCF	PSIG DAYS	MCF	PSIG DAYS	MCF	PSIG DAYS	MCF	PSIG DAYS
JAN	0	0.0	0	0.0	0	0.0	12710	0	4055	0	6529	0
FEB	0	0.0	0	0.0	0	0.0	10350	0	4863	0	5894	0
MAR	0	0.0	0	0.0	0	0.0	7340	0	5858	0	5331	0
APR	0	0.0	0	0.0	0	0.0	8666	0	7555	0	2818	0
MAY	0	0.0	0	0.0	0	0.0	6073	0	5710	0	4421	0
JUN	0	0.0	0	0.0	0	0.0	5507	0	5206	0	5355	360
JUL	0	0.0	0	0.0	0	0.0	6644	0	6203	0	7815	339
AUG	0	0.0	0	0.0	0	0.0	6444	0	4294	0	6058	331
SEP	0	0.0	0	0.0	0	0.0	5411	0	5064	0	6935	281
OCT	0	0.0	0	0.0	0	0.0	7230	0	7231	0	3170	331
NOV	0	0.0	0	0.0	0	0.0	7387	0	5867	0	6826	349
DEC	0	0.0	0	0.0	0	0.0	6587	0	3802	0	3775	372
TOTALS	0	0	0	0	0	0	90349	0	65708	0	64927	337

MONTH	1978		1979		1980		1981		1982		1983	
	MCF	PSIG DAYS	MCF	PSIG DAYS	MCF	PSIG DAYS						
JAN	5566	340	5145	187	5480	211	4683	219	14917	313	15229	315
FEB	4274	297	4029	205	5348	204	3645	213	12093	283	9022	281
MAR	3944	289	4641	206	3804	213	9406	227	12708	290	14035	311
APR	6210	342	5731	224	4960	215	4192	272	11404	310	11454	335
MAY	6569	344	3989	250	4770	229	9147	287	8677	316	11454	335
JUN	5751	310	4816	270	4712	258	2481	407	9080	309	6326	311
JUL	5572	320	5205	245	5081	231	3963	480	9235	378	7590	372
AUG	4350	310	5204	231	4664	265	5348	366	691	438	9726	310
SEP	6418	325	4272	277	3299	279	9088	391	10012	384	36	252
OCT	5449	322	4392	251	5017	264	9166	379	12438	322	75	431
NOV	5287	259	5983	217	4743	221	16511	326	10345	417	0	0
DEC	5276	199	5505	216	9364	219	13315	324	0	0	0	0
TOTALS	64666	304	58912	231	61242	234	90945	324	111600	341	73493	324

MONTH	1984		1985		1986		1987		1988		1989	
	MCF	PSIG DAYS	MCF	PSIG DAYS	MCF	PSIG DAYS	MCF	PSIG DAYS	MCF	PSIG DAYS	MCF	PSIG DAYS
JAN	0	0.0	22792	326	12602	252	9345	279	8602	311	10070	310
FEB	0	0.0	14074	279	10019	295	8728	297	8191	305	0	0
MAR	0	0.0	12952	257	9999	268	7496	258	8159	291	0	0
APR	22	300	10434	304	10100	269	0	0	8116	248	0	0
MAY	39	317	236	279	1607	232	11127	312	7564	290	0	0
JUN	23108	310	3702	247	10420	238	9861	296	8209	270	0	0
JUL	7352	287	0	0	3346	323	8697	315	6841	248	0	0
AUG	0	0.0	0	0	0	0	3855	356	0	0	0	0
SEP	0	0.0	0	0	9935	263	10284	337	0	0	0	0
OCT	12401	352	2139	348	12917	249	8361	312	0	0	0	0
NOV	3167	327	22117	297	10621	253	7758	323	0	0	0	0
DEC	0	0.0	14394	274	9221	289	7828	322	0	0	0	0
TOTALS	46089	315	102840	290	100787	266	93340	309	55682	280	10070	310

NORTHWEST PIPELINE CORPORATION
 RESERVOIR ENGINEERING HISTORY FILE EXTRACT @ 14.73 PSIA
 SAN JUAN 30-5 DAKOTA 'A'

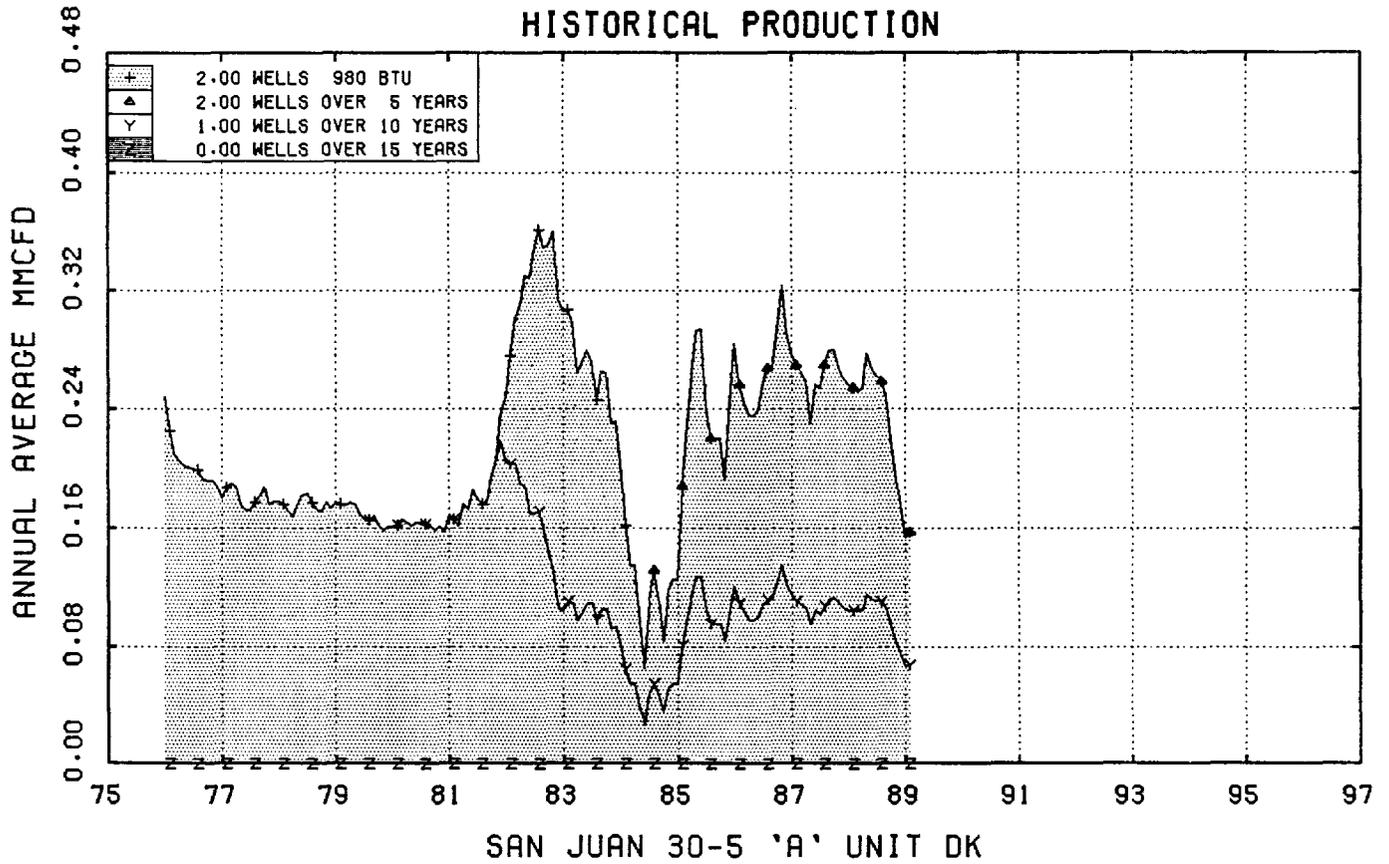
U53N0580 JANUARY 1989
 WED FEBRUARY 22, 1989 10:24:49 PM

MONTH	1972		1973		1974		1975		1976		1977	
	WELLS FLOWING	MAX PSIG										
JAN	0	0	0	0	0	0	1	0	1	0	1	0
FEB	0	0	0	0	0	0	1	0	1	0	1	0
MAR	0	0	0	0	0	0	1	0	1	0	1	0
APR	0	0	0	0	0	0	1	0	1	0	1	0
MAY	0	0	0	0	0	0	1	0	1	0	1	0
JUN	0	0	0	0	0	0	1	0	1	0	1	0
JUL	0	0	0	0	0	0	1	0	1	0	1	0
AUG	0	0	0	0	0	0	1	0	1	0	1	0
SEP	0	0	0	0	0	0	1	0	1	0	1	0
OCT	0	0	0	0	0	0	1	0	1	0	1	0
NOV	0	0	0	0	0	0	1	0	1	0	1	0
DEC	0	0	0	0	0	0	1	0	1	0	1	0
TOTALS	0	0	0	0	0	0	1	0	1	0	1	0

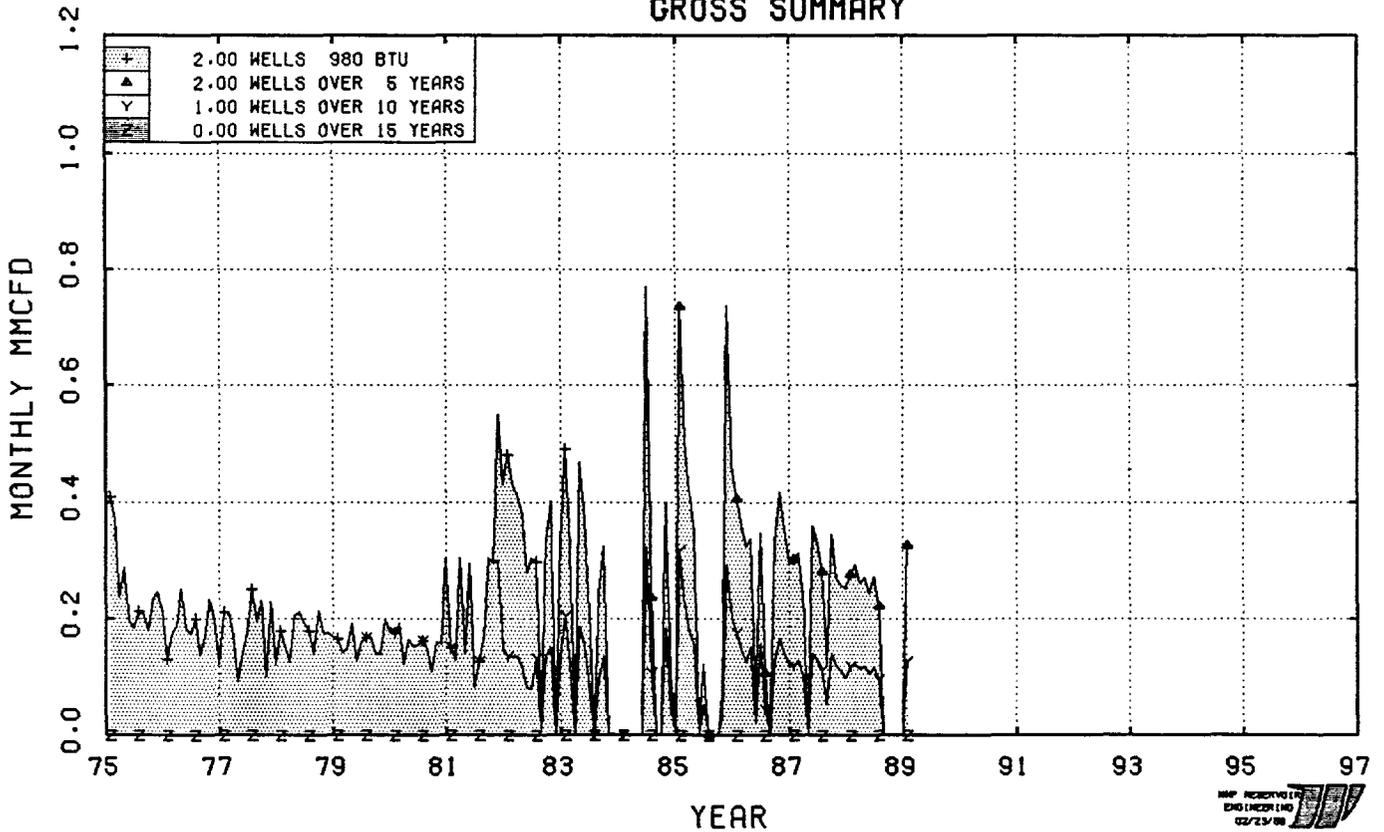
MONTH	1978		1979		1980		1981		1982		1983	
	WELLS FLOWING	MAX PSIG										
JAN	1	340	1	187	1	211	1	219	2	328	2	356
FEB	1	297	1	205	1	204	1	213	2	295	2	291
MAR	1	289	1	206	1	213	1	227	2	299	0	0
APR	1	342	1	224	1	215	1	272	2	321	2	352
MAY	1	344	1	250	1	229	1	287	2	329	2	354
JUN	1	310	1	270	1	258	1	407	2	327	2	319
JUL	1	320	1	245	1	231	1	480	2	399	0	0
AUG	1	310	1	265	1	266	1	366	2	600	2	429
SEP	1	325	1	277	1	279	1	391	2	495	2	330
OCT	1	322	1	251	1	264	1	379	2	362	1	252
NOV	1	259	1	217	1	221	2	336	0	0	1	431
DEC	1	199	1	216	1	219	2	336	2	534	0	0
TOTALS	1	344	1	277	1	279	2	480	2	600	2	431

MONTH	1984		1985		1986		1987		1988		1989	
	WELLS FLOWING	MAX PSIG										
JAN	0	0	2	333	2	255	2	281	2	316	2	317
FEB	0	0	2	284	2	301	2	300	2	310	2	310
MAR	0	0	2	259	2	271	2	258	2	291	2	291
APR	1	300	2	307	2	271	0	0	2	248	2	248
MAY	1	317	2	242	2	242	2	314	2	293	2	293
JUN	2	319	2	258	2	242	2	299	2	272	2	272
JUL	2	288	0	0	2	326	2	318	2	252	2	252
AUG	0	0	0	0	0	0	2	358	0	0	0	0
SEP	0	0	0	0	2	265	2	341	0	0	0	0
OCT	2	362	2	351	2	250	2	315	0	0	0	0
NOV	2	334	2	306	2	253	2	327	0	0	0	0
DEC	0	0	2	278	2	290	2	326	0	0	0	0
TOTALS	2	362	2	351	2	326	2	358	2	316	2	317

HISTORICAL PRODUCTION



GROSS SUMMARY



NORTHWEST PIPELINE CORPORATION
ONE OF THE WILLIAMS COMPANIES 

252-88

LAND DEPARTMENT

May 25, 1988

P.O. BOX 8900
SALT LAKE CITY, UTAH 84108-0899
801-584-7215

Assistant District Manager, Minerals
Bureau of Land Management
425 Montano, N.E.
Albuquerque, NM 87107

State of New Mexico
Commissioner of Public Lands
Attn: Mr. Floyd O. Prando
P.O. Box 1148
Santa Fe, NM 87501

State of New Mexico
Oil Conservation Commission
Attn: Mr. William J. LeMay
P.O. Box 2088
Santa Fe, NM 87501

Re: San Juan 30-5 Unit, #14-08-001-346
Rio Arriba County, New Mexico
1988 Drilling Program

Gentlemen:

The 1988 Drilling Program filed on April 27, 1988, for the San Juan 30-5 Unit has been approved by the Regulatory Agencies as follows:

Bureau of Land Management	5/17/88
Commissioner of Public Lands	5/9/88
Oil Conservation Commission	5/4/88

Copies of this letter are being sent to the Working Interest Owners on the attached list.

Sincerely,

NORTHWEST PIPELINE CORPORATION



Darrell L. Gillen
Supervisor, Land/NGPA

DLG/cg
Attachment

cc: Working Interest Owners
K. J. Stracke
P. C. Thompson

U56N2650
05/25/88

WORKING INTEREST OWNERS
SAN JUAN 30-5 UNIT

AMOCO PRODUCTION COMPANY
SOUTHERN DIVISION, PRODUCTION MGR.
1670 BROADWAY
P. O. BOX 800
DENVER, CO 80201

MAR OIL & GAS CORPORATION
ATTN: M. A. ROMERO
P. O. BOX 5155
SANTA FE, NM 87502

ARAPAHOE DRILLING
P. O. BOX 26687
ALBUQUERQUE, NM 87125

MAX B. ROTHOLZ
1323 N. FULTON
WHARTON, TX 77488

EVELYN G. BROWN
C/O JAMES BROWN
14 ALPINE ROAD
GREENWICH, CT 06830

MERIDIAN OIL PRODUCTION INC
LAND DEPARTMENT
P. O. BOX 4289
FARMINGTON, NM 87401

FLAG-REDFERN OIL COMPANY
P. O. BOX 1105D
MIDLAND, TX 79702

PHILLIPS PETROLEUM COMPANY
ATTN: DAVID S. SMITH
8055 E. TUFTS AVE. PKWY.
DENVER, CO 80237

H. O. & T. K. POOL TRUST
C/O FIRST INTERSTATE BANK OF ARIZONA
P. O. BOX 53435, DEPT. #962
PHOENIX, AZ 85072

ROBERT TINNIN
P. O. BOX 1885
ALBUQUERQUE, NM 87103

JAY I. COHEN, TRUSTEE
ABERCROMBIE TRUST
10370 RICHMOND - SUITE 370
HOUSTON, TX 77042

RUTH ZIMMERMAN TRUST
842 MUIRLANDS VISTA WY.
LA JOLLA, CA 92037

KATHLEEN QUINN, PERSONAL REP.
OF THE ESTATE OF JOE QUINN
1031 LONGWOOD LOOP
MESA, AZ 85208

TEXACO, INC.
ATTN: COMPTROLLERS DEPARTMENT
P. O. BOX 2100
DENVER, CO 80201

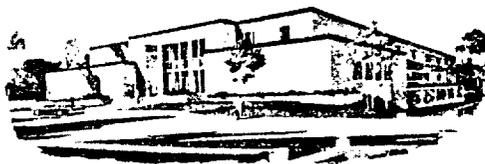
LANGDON D. HARRISON
7517 TAMARRON PLACE N.E.
ALBUQUERQUE, NM 87109

THOMAS A. & MARY E. DUGAN
P. O. BOX 208
FARMINGTON, NM 87499

State of New Mexico



W.R. HUMPHRIES
COMMISSIONER



Commissioner of Public Lands

SLO REF NO OG-777

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

May 9, 1988

Northwest Pipeline Corporation
Attn: Mr. Darrell L. Gillen
P. O. Box 8900
Salt Lake City, UT 84108-0899

Re: 1988 Plan of Development
San Juan 30-5 Unit
Rio Arriba County, New Mexico

Gentlemen:

The Commissioner of Public Lands has this date approved your 1988 Plan of Development for the above captioned unit area.

Our approval is subject to like approval by all other appropriate agencies.

Enclosed is an approved copy for your files.

If we may be of further help please do not hesitate to call on us.

Very truly yours,

W. R. HUMPHRIES
COMMISSIONER OF PUBLIC LANDS

BY:

Floyd O. Prando
FLOYD O. PRANDO, Director
Oil and Gas Division
(505) 827-5744

WRH/FOP/pm
encls.
cc: OCD
BLM

NORTHWEST PIPELINE CORPORATION
ONE OF THE WILLIAMS COMPANIES

259-88

LAND DEPARTMENT

P.O. BOX 8900
SALT LAKE CITY, UTAH 84108-0899
801-584-7215

April 27, 1988

417

Assistant District Manager, Minerals
Bureau of Land Management
425 Montano, N.E.
Albuquerque, NM 87107

State of New Mexico
Commissioner of Public Lands
Attn: Mr. Floyd O. Prando
P.O. Box 1148
Santa Fe, NM 87501

State of New Mexico
Oil Conservation Commission
Attn: Mr. William J. LeMay
P.O. Box 2088
Santa Fe, NM 87501

*D-
Unit letter*

Re: San Juan 30-5 Unit, #14-08-001-346
Rio Arriba County, New Mexico
Amended 1988 Drilling Program

Gentlemen:

By letter dated March 3, 1987, Northwest Pipeline Corporation, as Unit Operator, filed a Drilling Program for the referenced Unit. The Drilling Program indicated that no additional wells would be drilled during 1987 in the Unit.

As of this date, the total number of wells drilled in the San Juan 30-5 Unit on acreage committed to the unit is as follows:

Pictured Cliffs, plugged and abandoned	2
Pictured Cliffs, commercial	2
Pictured Cliffs/Mesaverde, commercial	2
Mesaverde, commercial	46
Mesaverde, non-commercial	1
Mesaverde, plugged and abandoned	6
Mesaverde, temporarily abandoned	1
Mesaverde/Dakota, plugged and abandoned	2
Mesaverde/Dakota, (Mesaverde commercial, Dakota non-commercial)	1
Dakota, commercial	35
Dakota, non-commercial	5

Assistant District Manager, Minerals
Commissioner of Public Lands
Oil Conservation Commission
April 27, 1988
Page 2

Dakota, commerciality undetermined	2
Dakota/Gallup (Dakota non-commercial, Gallup commerciality undetermined)	<u>2</u>
TOTAL	107

Pursuant to Section 10 of the San Juan 30-5 Unit Agreement, Northwest Pipeline Corporation as Unit Operator, has contacted all of the working Interest Owners and has received the necessary concurrence to propose the drilling of the following well during the calendar year 1988.

<u>Well Number</u>	<u>Drilling Block</u>	<u>Formation</u>
San Juan 30-5 Unit #109	W/2 Sec. 14, T-30-N, R-5-W, N.M.P.M.	Mesaverde

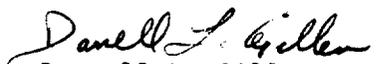
Northwest Pipeline Corporation, as Unit Operator, will drill any offset wells that may be required to prevent drainage of unitized substances and any other wells deemed necessary or which are requested by the Unit Operator or the Working Interest Owners.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to Northwest Pipeline Corporation.

Copies of this Drilling Program are being sent to the Working Interest Owners as shown on the attached sheet.

Sincerely,

NORTHWEST PIPELINE CORPORATION


Darrell L. Gillen
Supervisor, Land/NGPA

DLG:cg

Attachment

cc: Working Interest Owners
K. J. Stracke
P. C. Thompson

Assistant District Manager, Minerals
Commissioner of Public Lands
Oil Conservation Commission
April 27, 1988
Page 3

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

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

APPROVED  _____ DATE 5-4-88
Oil Conservation Commission
Subject to like approval by the
Area Oil and Gas Supervisor and
the Commissioner of Public Lands

The foregoing approvals are for the 1988 Drilling Program for the San Juan 30-5
Unit #14-08-001-346.

U56N2650
04/27/88

WORKING INTEREST OWNERS
SAN JUAN 30-5 UNIT

AMOCO PRODUCTION COMPANY
SOUTHERN DIVISION, PRODUCTION MGR.
1670 BROADWAY
P.O. BOX 800
DENVER, CO 80201

MAR OIL & GAS CORPORATION
ATTN: M. A. ROMERO
P.O. BOX 5155
SANTA FE, NM 87502

ARAPAHOE DRILLING
P.O. BOX 26687
ALBUQUERQUE, NM 87125

MAX B. ROTHOLZ
1323 N. FULTON
WHARTON, TX 77488

EVELYN G. BROWN
C/O JAMES BROWN
14 ALPINE ROAD
GREENWICH, CT 06830

MERIDIAN OIL PRODUCTION INC
LAND DEPARTMENT
P.O. BOX 4289
FARMINGTON, NM 87401

FLAG-REDFERN OIL COMPANY
P.O. BOX 1105D
MIDLAND, TX 79702

PHILLIPS PETROLEUM COMPANY
ATTN: DAVID S. SMITH
8055 E. TUFTS AVE. PKWY.
DENVER, CO 80237

H.O. & T.K. POOL TRUST
C/O FIRST INTERSTATE BANK OF ARIZONA
P.O. BOX 53435, DEPT. #962
PHOENIX, AZ 85072

ROBERT TINNIN
P.O. BOX 1885
ALBUQUERQUE, NM 87103

JAY I. COHEN, TRUSTEE
ABERCROMBIE TRUST
10370 RICHMOND - SUITE 370
HOUSTON, TX 77042

RUTH ZIMMERMAN TRUST
842 MUIRLANDS VISTA WY.
LA JOLLA, CA 92037

KATHLEEN QUINN, PERSONAL REP.
OF THE ESTATE OF JOE QUINN
1031 LONGWOOD LOOP
MESA, AZ 85208

TEXACO, INC.
ATTN: COMPTROLLERS DEPARTMENT
P.O. BOX 2100
DENVER, CO 80201

LANGDON D. HARRISON
7517 TAMARRON PLACE N.E.
ALBUQUERQUE, NM 87109

THOMAS A. & MARY E. DUGAN
P.O. BOX 208
FARMINGTON, NM 87499

State of New Mexico



SLO REF. NO. OG-347

W.R. HUMPHRIES
COMMISSIONER

Commissioner of Public Lands

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

August 18, 1987

Northwest Pipeline Corporation
Attention: Darrell L. Gillen
P. O. Box 8900
Salt Lake City, Utah 84108-0900

Re: San Juan 30-5 Unit
1987 Plan of Development
Rio Arriba County, New Mexico

Gentlemen:

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

In future Plan of Developments, please submit a plat of the unit area.

If we may be of further help, please do not hesitate to call on us.

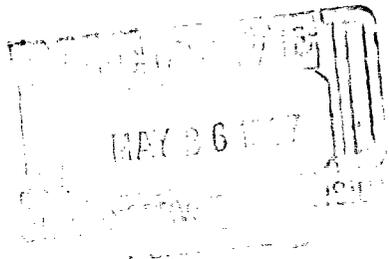
Very truly yours,

W. R. HUMPHRIES
COMMISSIONER OF PUBLIC LANDS

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

WRH/FOP/ams
enclosure
cc: Bureau of Land Management
Oil Conservation Division

Bureau of Land Management
Minerals Division
435 Montano NE
Albuquerque, NM 87107



San Juan 30-5
3180 (015) (FOD)

MAY 18 1987

Northwest Pipeline Corporation
ATTN: Darrell L. Gillen
P.O. Box 8900
Salt Lake City, UT 84108-0900

Gentlemen:

Two approved copies of your 1987 Plan of Development for the San Juan 30-5 Unit area, Rio Arriba County, New Mexico are enclosed. Such plan, proposing no development drilling during 1987, is approved this date subject to like approval by the appropriate officials of the State of New Mexico.

If you have any questions, please contact Robert Kent at the above address or telephone (305) 761-4503.

Sincerely,

(Orig. Signed) - Sid Vogelwohl

Assistant District Manager
Mineral Resources

Enclosure(s)

cc:

MM-016

✓ NMOCD

Comm. of Pub. Lands

015:RKent:klm:5-16-87:3078M

NORTHWEST PIPELINE CORPORATION
ONE OF THE WILLIAMS COMPANIES 

LAND DEPARTMENT

139-87

P O BOX 8900
SALT LAKE CITY UTAH 84108-0900
801-584-6669
801-584-7215

March 3, 1987

Assistant Area Oil and Gas Supervisor
Bureau of Land Management
Western National Bank Building
505 Marquette NW, Suite 815
Albuquerque, NM 87102

State of New Mexico
Commissioner of Public Lands
Attn: Mr. Floyd O. Prando
P. O. Box 1148
Santa Fe, NM 87501

State of New Mexico
Oil Conservation Commission
Attn: William J. LeMay
P. O. Box 2088
Santa Fe, NM 87501

Re: San Juan 30-5 Unit, #14-08-001-346
Rio Arriba County, New Mexico
1987 Drilling Program

Gentlemen:

By letter dated March 26, 1986, Northwest Pipeline Corporation, as Unit Operator, filed a Drilling Program for the captioned Unit providing for the drilling of no wells.

As of this date, the total number of wells drilled in the San Juan 30-5 Unit on acreage committed to the unit is as follows:

Pictured Cliffs, plugged and abandoned	2
Pictured Cliffs, commercial	2
Pictured Cliffs, (Pictured Cliffs commercial, Mesaverde non-commercial)	2
Mesaverde, commercial	45
Mesaverde, non-commercial	1
Mesaverde, plugged and abandoned	6
Mesaverde, temporarily plugged and abandoned	1
Mesaverde, commerciality undetermined	1
Mesaverde/Dakota, plugged and abandoned	2
Mesaverde/Dakota, (Mesaverde commercial, Dakota non-commercial)	1
Dakota, commercial	28
Dakota, non commercial	5

Assistant Area Oil and Gas Supervisor
Commissioner of Public Lands
Oil Conservation Commission
San Juan 30-5 1987 Drilling Program
March 3, 1987
Page -2-

Dakota, commerciality undetermined	9
Dakota/Gallup, commerciality undetermined	1
Dakota/Gallup (Dakota non-commercial)	
Gallup commerciality undetermined)	<u>1</u>
TOTAL	107

Pursuant to Section 10 of the San Juan 30-5 Unit Agreement, Northwest Pipeline Corporation is submitting a Drilling Program providing for the drilling of no wells during the calendar year 1987.

All of the Working Interest Owners have been contacted and this Drilling Program reflects the desires of a majority of the Working Interest Owners. Northwest Pipeline Corporation, as Unit Operator, and the Working Interest Owners believe that all current obligations have been satisfied.

Northwest Pipeline Corporation, as Unit Operator, will drill any offset wells that may be required to prevent drainage of unitized substances and any other wells deemed necessary or which are requested by the Unit Operator or the Working Interest Owners.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to Northwest Pipeline Corporation.

Copies of this Drilling Program are being sent to the Working Interest Owners as shown on the attached sheet.

Sincerely,

NORTHWEST PIPELINE CORPORATION


Darrell L. Gillen
Land Coordinator

DLG:js

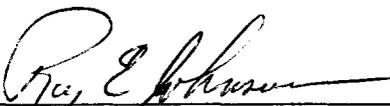
Attachment

cc: Working Interest Owners
K. J. Stracke
W. O. Curtis
P. C. Thompson

Assistant Area Oil and Gas Supervisor
Commissioner of Public Lands
Oil Conservation Commission
San Juan 30-5 1987 Drilling Program
March 3, 1987
Page -3-

APPROVED _____ DATE _____
Assistant District Manager for 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
Assistant Area Oil and Gas Supervisor
and the Oil Conservation Commission

APPROVED  _____ DATE 3-17-87
Oil Conservation Commission
Subject to like approval by the
Assistant Area Oil and Gas Supervisor
and the Commissioner of Public Lands

The foregoing approvals are for the 1987 Drilling Program for the San Juan
30-5 Unit #14-08-001-346.

SAN JUAN 30-5
WORKING INTEREST OWNERS

Amoco Production Company
Western Division, Production Manager
1670 Broadway
Amoco Building
Denver, CO 80202

Phillips Oil Company
Attention: Dave S. Smith
8055 E. Tufts Avenue Parkway
Denver, CO 80237

Meridian Oil
Land Department
P. O. Box 4289
Farmington, NM 87499

Arapahoe Drilling Company
Larry H. Williams
200 Lomas, NW - Suite 440
P. O. Box 26687
Albuquerque, NM 87102

Texaco, Inc.
Mgr., Petroleum Engineering
P. O. Box 2100
Denver, CO 80201

0043t

Bureau of Land Management
Albuquerque District Office
Minerals Division
P.O. Box 6770
Albuquerque, NM 87197-6770

San Juan 30-5
Unit POD
3180 (015)

MAY 19 1986

Northwest Pipeline Corporation
ATTN: Darrell L. Gillen
P.O. Box 8900
Salt Lake City, UT 84108-0900

Gentlemen:

Two approved copies of your 1986 Plan of Development for the San Juan 30-5 Unit area, Rio Arriba County, New Mexico are enclosed. Such plan, proposing no drilling, is approved this date subject to like approval by the appropriate officials of the State of New Mexico.

The possibility of drainage by wells outside of the unit boundary may exist. You will be contacted at a later date about this possibility.

If you have any questions, please contact Shirley Bryant at the above address or telephone (505) 766-2841.

Sincerely,

(Orig. Signed) - Sid Vogelpohl

For District Manager

Enclosure(s)

cc:

Micrographics 943B-1

Fluids Section FRAH

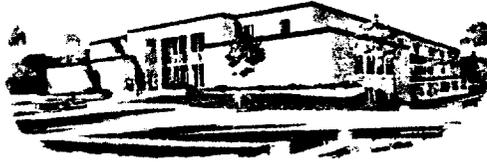
✓ NMOCD, Santa Fe

Comm. of Pub. Lands, Santa Fe

O&G Chron

015:SBryant:k1m:5-16-86:1888M

State of New Mexico



JIM BACA
COMMISSIONER

Commissioner of Public Lands

April 28, 1986

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148
Express Mail Delivery Laws
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

Northwest Pipeline Corporation
Attn: Darrail L. Gillen
P. O. Box 8900
Salt Lake City Utah 84108-0900

Re: San Juan 30-5 Unit
Rio Arriba County, New Mexico
1986 Drilling Program

Gentlemen:

The Commissioner of Public Lands has this date approved your 1986 Drilling Program for the San Juan 30-5 Unit Area, Rio Arriba County, New Mexico. Such plan calls for the drilling of no wells during the calendar year 1986.

Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Enclosed is an approved copy for your files.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

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

JB/FOP/pm
encis.

cc: OCD-Santa Fe, New Mexico
BLM-Albuquerque, New Mexico Attn: Fluids Branch

NORTHWEST PIPELINE CORPORATION
ONE OF THE WILLIAMS COMPANIES 

LAND DEPARTMENT

263-86

P. O. BOX 8900
SALT LAKE CITY UTAH 84108-0900
801-584-6669
801-584-7215

March 26, 1986

Assistant Area Oil and Gas Supervisor
Bureau of Land Management
Western National Bank Building
505 Marquette NW, Suite 815
Albuquerque, NM 87102

State of New Mexico
Commissioner of Public Lands
Attn: Mr. Floyd O. Prando
P. O. Box 1148
Santa Fe, NM 87501

State of New Mexico
Oil Conservation Commission
Attn: Richard L. Stamets
P. O. Box 2088
Santa Fe, NM 87501

Re: San Juan 30-5 Unit #14-08-001-346
Rio Arriba County, New Mexico
1986 Drilling Program

Gentlemen:

By letter dated March 29, 1985, Northwest Pipeline Corporation, as Unit Operator, filed a Drilling Program for the captioned Unit providing for the drilling of one (1) Mesaverde well which was timely drilled.

As of this date, the total number of wells drilled in the San Juan 30-5 Unit on acreage committed to the unit is as follows:

Pictured Cliffs, plugged and abandoned	2
Pictured Cliffs, commercial	2
Pictured Cliffs/Mesaverde, commercial	2
Mesaverde, commercial	45
Mesaverde, non-commercial	1
Mesaverde, plugged and abandoned	6
Mesaverde, temporarily plugged and abandoned	1
Mesaverde, commerciality undetermined	1
Mesaverde/Dakota, plugged and abandoned	2
Mesaverde/Dakota (Mesaverde commercial, Dakota non-commercial)	1
Dakota, commercial	24
Dakota, non-commercial	3

Assistant Area Oil and Gas Supervisor
Commissioner of Public Lands
Oil Conservation Commission
San Juan 30-5 1986 Drilling Program
March 26, 1986
Page -2-

Dakota, commerciality undetermined	15
Dakota/Gallup, commerciality undetermined	1
Dakota/Gallup (Dakota non-commercial Gallup commerciality undetermined)	<u>1</u>
TOTAL	107

Pursuant to Section 10 of the San Juan 30-5 Unit Agreement, Northwest Pipeline Corporation is submitting a Drilling Program providing for the drilling of no wells during the calendar year 1986.

All of the Working Interest Owners have been contacted and this Drilling Program reflects the desires of a majority of the Working Interest Owners. Northwest Pipeline Corporation, as Unit Operator, and the Working Interest Owners believe that all current obligations have been satisfied.

Northwest Pipeline Corporation, as Unit Operator, will drill any offset wells that may be required to prevent drainage of unitized substances and any other wells deemed necessary or which are requested by the Unit Operator or the Working Interest Owners.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to Northwest Pipeline Corporation.

Copies of this Drilling Program are being sent to the Working Interest Owners as shown on the attached sheet.

Sincerely,

NORTHWEST PIPELINE CORPORATION


Darrell L. Gillen
Land Coordinator

DLG:js

Attachment

cc: Working Interest Owners

Assistant Area Oil and Gas Supervisor
Commissioner of Public Lands
Oil Conservation Commission
San Juan 30-5 1986 Drilling Program
March 26, 1986
Page -3-

APPROVED _____ DATE _____
Assistant District Manager for 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
Assistant Area Oil and Gas Supervisor
and the Oil Conservation Commission

APPROVED  _____ DATE 4-29-86
Oil Conservation Commission
Subject to like approval by the
Assistant Area Oil and Gas Supervisor
and the Commissioner of Public Lands

The foregoing approvals are for the 1986 Drilling Program for the San Juan
30-5 Unit #14-08-001-439.

SAN JUAN 30-5
WORKING INTEREST OWNERS

Amoco Production Company
Western Division, Production Manager
1670 Broadway
Amoco Building
Denver, CO 80202

Phillips Oil Company
Attention: Bruce A. Bowman
8055 E. Tufts Avenue Parkway
Denver, CO 80237

Meridan Oil
Land Department
P. O. Box 4289
Farmington, NM 87499

Arapahoe Drilling Company
Larry H. Williams
200 Lomas, NW - Suite 440
P. O. Box 26687
Albuquerque, NM 87102

Lt. Col. Langdon Dewey Harrison,
Trustee for Mrs. Omega E. Quinn
7517 Tamarron Place, N.E.
Albuquerque, NM 87109

Texaco, Inc.
Mgr., Petroleum Engineering
P. O. Box 2100
Denver, CO 80201

0043t

Bureau of Land Management
Albuquerque District Office
Minerals Division
P.O. Box 6770
Albuquerque, NM 87197-6770

San Juan 30-5
Unit
3180 (015)

MAR 17 1986

Northwest Pipeline Corporation
ATTN: Darrell L. Gillen
P.O. Box 8900
Salt Lake City, UT 84108

Gentlemen:

We have received your application dated December 4, 1985, requesting that an extension of time be given to drill one intervening drilling block well in San Juan 30-5 Unit, San Juan County, New Mexico.

In this application you state that the completion of well No. 61, E $\frac{1}{2}$ section 15, T. 30 N., R. 5 W., created one intervening drilling block - W $\frac{1}{2}$ section 14, T. 30 N., R. 5 W. Because of the decline of the gas market, you ask that the extension of time given be that time which would be prudent and cost effective to drill the intervening block.

At the present time, we agree that it would not be prudent or cost effective to drill under the present economic conditions. Therefore, a two year extension is granted, with the stipulation that drilling commence on the intervening block before the end of the extension.

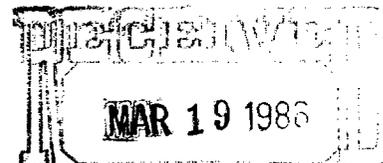
If you have any questions, please contact Gail Keller at the above address or telephone (505) 766-2841.

Sincerely,

(Orig. Signed) - GARY A. STEPHENS
For District Manager

cc:
Micrographics (943B-1)
FRAH Fluids (016)
✓ NMOCD
Com. of Pub. Land
O&G chron

015:GKeller:klm:3-13-86:1623M



State of New Mexico



JIM BACA
COMMISSIONER

Commissioner of Public Lands

February 7, 1986

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148
Express Mail Delivery User
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

Northwest Pipeline Corporation
P. O. Box 8900
Salt Lake City, Utah 84108-0900

Re: San Juan 30-5 Unit
San Juan County, New Mexico
Application for approval for extension
of time to drill intervening drilling
block wells

ATTENTION: Mr. Darrell L. Gillen

Gentlemen:

This office is in receipt of your letter dated December 4, 1985, wherein you have requested that an extension of time be given to drill two intervening drilling block wells.

Your application advises that the drilling of well No. 61 MV, T30N, R5W, Sec. 15: E $\frac{1}{2}$, created one intervening drilling block; Sec. 14: W $\frac{1}{2}$.

You are hereby granted a two year extension, with the stipulation that drilling commence on this intervening block before the end of the extension. This extension is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Enclosed is an approved copy for your files.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

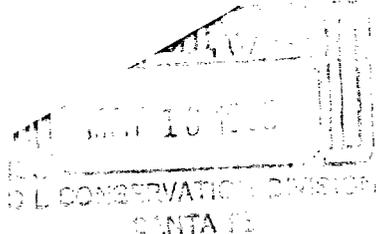
BY: *Floyd O. Prando*
FLOYD O. PRANDO, Director
Oil and Gas Division
AC 505/827-5744

JB/FOP/pm
encls.

cc: OCD-Santa Fe, New Mexico
BLM-Albuquerque, New Mexico Attn: Fluids Branch
BLM-Roswell, New Mexico Attn: Mr. Armando Lopez

Bureau of Land Management
Albuquerque District Office
Minerals Division
P.O. Box 6770
Albuquerque, NM 87197-6770

SJ 30-5 Unit
3100 (015)



#417
MAY 14 1985

Northwest Pipeline Corporation
Attention: Mr. Darrell L. Gillen
P.O. Box 1526
Salt Lake City, Utah 84110-1526

Gentlemen:

Two approved copies of your 1985 Plan of Development for the San Juan 30-5 Unit area, Rio Arriba County, New Mexico are enclosed. Such plan, proposing to drill one Mesaverde well during 1985, was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

The possibility might exist of drainage by wells outside of the unit boundary. You will be contacted at a later date about this possibility.

If you have any questions, please contact Robert Kent at the above address or telephone (505) 766-2841.

Sincerely yours,

(Orig. Signed) - Sid Vogelwohl

For District Manager

Enclosure(s)

cc:
NMOCD, Santa Fe
Comm. of Pub. Lands, Santa Fe
Micrographics 943B-1
Fluids Section FRAH
File: San Juan 30-5 Unit POD
O&G Chron

015:RKent:tt:5/13/85:0697M



TONEY ANAYA
GOVERNOR

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

50 YEARS



1935 - 1985

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-5800

April 9, 1985

Northwest Pipeline Corporation
P.O. Box 1526
Salt Lake City, Utah 84110-1526

Attention: Darrell L. Gillen

Re: San Juan 30-5 Unit No.
14-08-001-346
Rio Arriba County, NM
1985 Drilling Program

Dear Mr. Gillen:

Enclosed please find an approved copy of the material referenced above. Such approval is contingent upon like approval by the Commissioner of Public Lands and the Bureau of Land Management.

Sincerely,

ROY E. JOHNSON
Senior Petroleum Geologist

REJ/dp

cc: Commissioner of Public Lands - Santa Fe
Bureau of Land Management - Albuquerque
OCD District Office - Aztec

417

NORTHWEST PIPELINE CORPORATION
ONE OF THE WILLIAMS COMPANIES

LAND DEPARTMENT

P.O. BOX 1526
SALT LAKE CITY, UTAH 84110 1526
801-584-7215

241-85

March 29, 1985

Assistant Area Oil and Gas Supervisor
Bureau of Land Management
Western National Bank Building
505 Marquette NW, Suite 815
Albuquerque, NM 87102

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

State of New Mexico
Oil Conservation Commission
Attn: Richard L. Stamets
P. O. Box 2088
Santa Fe, NM 87501

Re: San Juan 30-5 Unit #14-08-001-346
Rio Arriba County, New Mexico
1985 Drilling Program

Gentlemen:

By letter dated April 12, 1984, Northwest Pipeline Corporation, as Unit Operator, filed a Drilling Program for the captioned Unit providing for the drilling of no wells except the 7 Dakota wells carried over from 1983. Well #98 was dropped from the drilling program and not drilled. There were six (6) Dakota wells timely drilled.

As of this date, the total number of wells drilled in the San Juan 30-5 Unit on acreage committed to the unit is as follows:

Pictured Cliffs, plugged and abandoned	1
Pictured Cliffs, commercial	2
Pictured Cliffs/Mesaverde, commercial	3
Mesaverde, commercial	44
Mesaverde, non-commercial	1
Mesaverde, plugged and abandoned	5

Assistant Area Oil and Gas Supervisor
Commissioner of Public Lands
Oil Conservation Commission
San Juan 30-5 Unit
March 29, 1985
Page -2-

Mesaverde, temporarily abandoned	1
Dakota, plugged and abandoned	1
Dakota, non-commercial	1
Dakota, commercial	21
Dakota, commerciality undetermined	<u>20</u>
Total	100

Pursuant to Section 10 of the San Juan 30-5 Unit Agreement, Northwest Pipeline Corporation, as Unit Operator has contacted all of the Working Interest Owners and has received the necessary concurrence to propose the drilling of the following additional well during the calendar year 1985.

<u>Well Name</u>	<u>Location</u>	<u>Formation</u>
#61	E/2 Section 15, T30N, R5W	Mesaverde

Northwest Pipeline Corporation, as Unit Operator, will drill any offset wells that may be required to prevent drainage of unitized substances and any other wells deemed necessary or which are requested by the Unit Operator or the Working Interest Owners.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to Northwest Pipeline Corporation.

Copies of this Drilling Program are being sent to the Working Interest Owners as shown on the attached sheet.

Very truly yours,

NORTHWEST PIPELINE CORPORATION



Darrell L. Gillen
Land Coordinator

DLG:js

Attachment

cc: Working Interest Owners

Assistant Area Oil and Gas Supervisor
Commissioner of Public Lands
Oil Conservation Commission
San Juan 30-5 Unit
March 29, 1985
Page -3-

APPROVED: _____ Date _____
Assistant Area Oil and Gas Supervisor
Minerals Management Service
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
Minerals Management Service and
the Oil Conservation Commission

APPROVED:  _____ Date 4-9-85
Oil Conservation Commission
Subject to like approval by the
Minerals Management Service and
the Commissioner of Public Lands

The foregoing approvals are for the 1985 Drilling Program for the San Juan
30-5 Unit #14-08-001-346.

Northwest Pipeline Corporation
Attention: Mr. Darrell L. Gillen
P.O. Box 1526
Salt Lake City, Utah 84110

MAY 18 1984

Dear Mr. Gillen:

Your 1984 Plan of Development for the San Juan 30-5 Unit No. 14-08-001-346, proposing the drilling of no wells during the calendar year of 1984 except the seven Dakota Wells carried over from 1983, and plans to drill any offset wells required to prevent drainage of unitized substances, has been received by this office. This Plan of Development is hereby approved. You are requested to furnish all interested principals with appropriate evidence of this approval.

Sincerely yours,

(ORIG. SGD.) JAMES W. SHELTON

For District Manager

Enclosures

cc:
NMOCD ✓
Commissioner Public Lands
Micrographics
Fluids Section (FRAH w/encl.)
File: San Juan 30-5 Unit - POD File
O&G Chrono

015:JGilmore:sj:5/16/84:0739P

#1 417

State of New Mexico



JIM BACA
COMMISSIONER

Commissioner of Public Lands
May 10, 1984

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148
Express Mail Delivery Used
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

Northwest Pipeline Corporation
P. O. Box 1526
Salt Lake City, Utah 84110-1526

Re: 1984 Drilling Program
San Juan 30-5 Unit
Rio Arriba County, New Mexico

ATTENTION: Mr. Darrell L. Gillen

Gentlemen:

The Commissioner of Public Lands has this date approved your 1984 Drilling Program for the San Juan 30-5 Unit area, Rio Arriba County, New Mexico. Such program calls for the drilling of no wells during during 1984 except the Dakota Wells carried over from 1983. Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Enclosed is an approved copy for your files.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY:
FLOYD O. PRANDO, Assistant Director
Oil and Gas Division
AC 505/827-5744

JB/FOP/pm
encls.
cc:

OCD-Santa Fe, New Mexico
BLM-Albuquerque, New Mexico
BLM-Roswell, New Mexico

NORTHWEST PIPELINE CORPORATION 
ONE OF THE WILLIAMS COMPANIES
Land Department

P.O. BOX 1526
SALT LAKE CITY, UTAH 84110-1526
801-583-8800

April 12, 1984

Assistant Area Oil and Gas Supervisor
Minerals Management Service
Western National Bank Building
505 Marquette NW, Suite 815
Albuquerque, New Mexico 87102

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

State of New Mexico
Oil Conservation Commission
Attn: Mr. Joe Ramey
P.O. Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 30-5 Unit #14-08-001-346
Rio Arriba County, New Mexico
1984 Drilling Program

Gentlemen:

By letter dated May 13, 1983, Northwest Pipeline Corporation, as Unit Operator, filed a Drilling Program for the captioned Unit providing for the drilling of two (2) Dakota wells. Seventeen (17) Dakota Wells were carried over from the 1982 Drilling Program. Twelve of these wells have been timely drilled. The following Dakota Wells will be carried over into 1984: 85, 98, 99, 100, 102, 103 (Com), and 104.

As of this date, the total number of wells drilled in the San Juan 30-5 Unit on acreage committed to the unit is as follows:

Pictured Cliffs, plugged and abandoned	1
Pictured Cliffs, commercial	2
Pictured Cliffs/Mesaverde, commercial	3
Mesaverde, commercial	44
Mesaverde, non-commercial	1
Mesaverde, plugged and abandoned	5
Mesaverde, temporarily abandoned	1
Dakota, plugged and abandoned	1

Assistant Area Oil and Gas Supervisor
Commissioner of Public Lands
Oil Conservation Commission
San Juan 30-5 Unit
April 12, 1984
Page 2

Dakota, non-commercial	1
Dakota, commercial	15
Dakota, commerciality undetermined	16
Dakota, waiting on completion	<u>4</u>
Total	94

Pursuant to Section 10 of the San Juan 30-5 Unit Agreement, Northwest Pipeline Corporation, as Unit Operator, has contacted all of the Working Interest Owners and has received the necessary concurrence to propose that no wells be drilled in 1984 except the Dakota Wells carried over from 1983.

Northwest Pipeline Corporation, as Unit Operator, will drill any offset wells that may be required to prevent drainage of unitized substances and any other wells deemed necessary or which are requested by the Unit Operator or the Working Interest Owners.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to Northwest Pipeline Corporation.

Copies of this Drilling Program are being sent to the Working Interest Owners as shown on the attached sheet.

Very truly yours,

NORTHWEST PIPELINE CORPORATION


Darrell L. Gillen
Land Coordinator

am

Attachment

cc: Working Interest Owners

Assistant Area Oil and Gas Supervisor
Commissioner of Public Lands
Oil Conservation Commission
San Juan 30-5 Unit
April 12, 1984
Page 3

APPROVED: _____ Date _____
Assistant Area Oil and Gas Supervisor
Minerals Management Service
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
Minerals Management Service and
the Oil Conservation Commission

APPROVED: Roy Johnson Date 4-26-84
Oil Conservation Commission
Subject to like approval by the
Minerals Management Service and
the Commissioner of Public Lands

The foregoing approvals are for the 1984 Drilling Program for the San Juan
30-5 Unit #14-08-001-346.

SAN JUAN 30-5
WORKING INTEREST OWNERS

Amoco Production Company
Attn: J. C. Burnside
1670 Broadway - Suite 1914
Amoco Building
Denver, Colorado 80202

Phillips Oil Company
Attn: Debbie Shell
Meadows Building
Dallas, Texas 75206

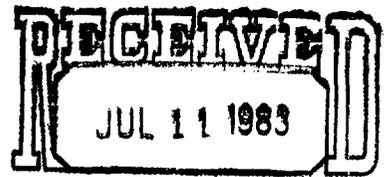
Phillips Petroleum Company
Attn: M. K. Study
8055 E. Tufts Avenue Parkway
Denver, Colorado 80237

El Paso Exploration Company
Attn: James R. Permenter
P.O. Box 1492
El Paso, Texas 79978

Getty Oil Company
Attn: Mr. T. L. Ditmore
Three Park Central - Suite 700
Denver, Colorado 80202

Larry H. Williams
Arapahoe Drilling Company
200 Lomas, NW - Suite 440
Albuquerque, New Mexico 87102

Lt. Col. Langdon Dewey Harrison,
Trustee for Mrs. Omega E. Quinn
7517 Tamarron Place, N.E.
Albuquerque, New Mexico 87109



NORTHWEST PIPELINE CORPORATION OIL CONSERVATION DIVISION
SANTA FE

LAND DEPARTMENT

1125 Seventeenth Street, Suite 2140
Denver, Colorado 80202
303-292-4906

July 5, 1983

Assistant Area Oil and Gas Supervisor
Minerals Management Service
Western National Bank Building
505 Marquette NW, Suite 815
Albuquerque, New Mexico 87102

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

State of New Mexico
Oil Conservation Commission
Attn: Mr. Joe Ramey
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 30-5 Unit #14-08-001-346
Rio Arriba County, New Mexico
Amended 1983 Drilling Program

Gentlemen:

On May 13, 1983, we submitted our proposed 1983 Drilling Program for the San Juan 30-5 Unit #14-08-001-346.

It has been brought to our attention that the #103 Com Well is to be located on the S/2 of Section 3-30-5W and not on the S/2 of Section 31-30N-5W as stated in our letter of May 13. Please change your records accordingly.

Copies of this letter are being sent to the Working Interest Owners shown on the attached sheet.

Very truly yours,

Kathy Michael
Kathy Michael
Supervisor/Land Department

KM:bs

SAN JUAN 30-5
WORKING INTEREST OWNERS

AMOCO PRODUCTION COMPANY
ATTN: J. C. Burnside
1670 BROADWAY - SUITE 1914
AMOCO BUILDING
DENVER, COLORADO 80202

PHILLIPS OIL COMPANY
ATTN: DEBBIE SHELL
MEADOWS BUILDING
DALLAS, TEXAS 75206

PHILLIPS PETROLEUM COMPANY
ATTN: M. K. STUDY
8055 E. TUFTS AVENUE PARKWAY
DENVER, COLORADO 80237

EL PASO EXPLORATION COMPANY
ATTN: JAMES R. PERMENTER
P. O. BOX 1492
EL PASO, TEXAS 79978

GETTY OIL COMPANY
ATTN: MR. T. L. DITMORE
THREE PARK CENTRAL - SUITE 700
DENVER, COLORADO 80202

LARRY H. WILLIAMS
ARAPAHOE DRILLING COMPANY
200 LOMAS, NW - SUITE 440
ALBUQUERQUE, NEW MEXICO 87102

LT. COL. LANGDON DEWEY HARRISON,
TRUSTEE FOR MRS. OMEGA E. QUINN
7517 TAMARRON PLACE, N.E.
ALBUQUERQUE, NEW MEXICO 87109

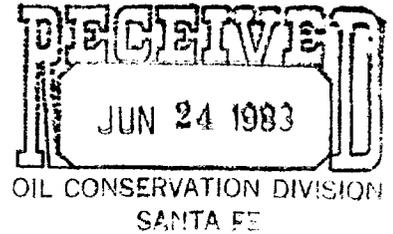


IN REPLY
REFER TO:

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

505 Marquette Avenue N.W., Suite 815
Albuquerque, New Mexico 87102



Northwest Pipeline Corporation
Attention: Kathy Michael
1125 Seventeenth Street
Suite 2140
Denver, Colorado 80202

Gentlemen:

An approved copy of your 1983 plan of development for the San Juan 30-5 unit area, Rio Arriba County, New Mexico, is enclosed. Such plan, proposing to drill two Dakota wells was approved on this date subject to like approval by the appropriate officials of the state of New Mexico.

Sincerely yours,

(Signature)

James W. Shelton
Assistant District Manager
for Minerals

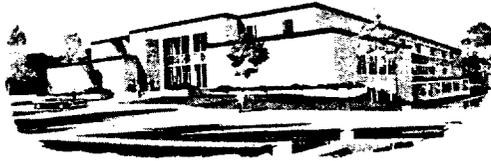
Enclosure

cc:
Comm. of Public Lands
NMOCD
Farmington RA *w/incl.*

State of New Mexico



JIM BACA
COMMISSIONER



Commissioner of Public Lands

May 20, 1983

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

Northwest Pipeline Corporation
1125 Seventeenth Street, Suite 2140
Denver, Colorado 80202

Re: 1983 Drilling Program
San Juan 30-5 Unit
Rio Arriba County, New Mexico

ATTENTION: Kathy Michael

Gentlemen:

The Commissioner of Public Lands has this date approved your 1983 Drilling Program for the San Juan 30-5 Unit, Rio Arriba County, New Mexico. Such program calls for the drilling of the Unit Well Nos. 103 and 104 to test the Dakota formation. Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Enclosed is an approved copy for your files.

Please remit a Three (\$3.00) Dollar filing fee.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY:
RAY D. GRAHAM, Director
Oil and Gas Division
AC 505/827-5744

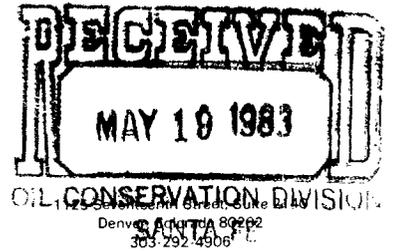
JB/RDG/pm
encls.

cc: OCD-Santa Fe, New Mexico
BLM-Albuquerque, New Mexico

NORTHWEST PIPELINE CORPORATION

May 13, 1983

LAND DEPARTMENT



Assistant Area Oil and Gas Supervisor
 Minerals Management Service
 Western National Bank Building
 505 Marquette NW, Suite 815
 Albuquerque, New Mexico 87102

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

State of New Mexico
 Oil Conservation Commission
 Attn: Mr. Joe Ramey
 P. O. Box 2088
 Santa Fe, NM 87501

Re: San Juan 30-5 Unit #14-08-001-346
 Rio Arriba County, New Mexico
 1983 Drilling Program

Gentlemen:

By letter dated March 20, 1982, Northwest Pipeline Corporation, as Unit Operator, filed a Drilling Program for the captioned unit for the calendar year 1982 providing for the drilling of one Mesaverde/Pictured Cliffs Well. By letter dated December 17, 1982, Northwest Pipeline filed a Supplemental Drilling Program providing for the drilling of eighteen Dakota Wells. Four Dakota Wells were carried over from the 1981 Drilling Program. The Mesaverde Well, three of the 1981 Dakota Wells and two of the 1982 Dakota Wells have been timely drilled. The following Dakota Wells will be carried over into 1983: #75, 85, 86, 88, 89, 90, 91, 92, 94, 95, 96, 97, 98, 99, 100, 101, and 102.

As of this date, the total number of wells drilled in the San Juan 30-5 Unit on acreage committed to the unit is as follows:

Pictured Cliffs, plugged and abandoned	1
Pictured Cliffs, commercial	2
Pictured Cliffs/Mesaverde, commercial	1
Pictured cliffs/Mesaverde, commerciality undetermined	2
Mesaverde, commercial	44
Mesaverde, non-commercial	1
Mesaverde, plugged and abandoned	5
Mesaverde, temporarily abandoned	1
Dakota, plugged and abandoned	1
Dakota, non-commercial	1
Dakota, commercial	3
Dakota, commerciality undetermined	16
Dakota, waiting on completion	4
	<hr/> 82

Northwest Pipeline Corporation, as Unit Operator, has contacted all of the Working Interest Owners and has received the necessary concurrence to propose the drilling of the following additional wells during the calendar year 1983:

<u>Well Number</u>	<u>Location</u>	<u>Formation</u>
103 Com	S/2 Section 31-30N-5W	DK
104	E/2 Section 13-30N-5W	DK

Northwest Pipeline Corporation, as Unit Operator, will drill any offset wells that may be required to prevent drainage of unitized substances and any other wells deemed necessary or which are requested by the Unit Operator or the Working Interest Owners.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to Northwest Pipeline Corporation.

Copies of this Drilling Program are being sent to the Working Interest Owners shown on the attached sheet.

Very truly yours,



Kathy Michael
Supervisor/Land Department

KM:bs
Attachment
CC: Working Interest Owners

APPROVED: _____
Assistant Area Oil and Gas Supervisor
Minerals Management Service
Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Commission

Date _____

APPROVED: _____
Commissioner of Public Lands
Subject to like approval by the
Minerals Management Service and
the Oil Conservation Commission

Date _____

APPROVED: Roy Johnson
Oil Conservation Commission
Subject to like approval by the
Minerals Management Service and
the Commissioner of Public Lands

Date 7-8-83

The foregoing approvals are for the 1983 Drilling Program for the San Juan 30-5
Unit #14-08-001-346.

SAN JUAN 30-5
WORKING INTEREST OWNERS

AMOCO PRODUCTION COMPANY
ATTN: J. C. Burnside
1670 BROADWAY - SUITE 1914
AMOCO BUILDING
DENVER, COLORADO 80202

PHILLIPS OIL COMPANY
ATTN: DEBBIE SHELL
MEADOWS BUILDING
DALLAS, TEXAS 75206

PHILLIPS PETROLEUM COMPANY
ATTN: M. K. STUDY
8055 E. TUFTS AVENUE PARKWAY
DENVER, COLORADO 80237

EL PASO EXPLORATION COMPANY
ATTN: JAMES R. PERMENTER
P. O. BOX 1492
EL PASO, TEXAS 79978

GETTY OIL COMPANY
ATTN: MR. T. L. DITMORE
THREE PARK CENTRAL - SUITE 700
DENVER, COLORADO 80202

LARRY H. WILLIAMS
ARAPAHOE DRILLING COMPANY
200 LOMAS, NW - SUITE 440
ALBUQUERQUE, NEW MEXICO 87102

LT. COL. LANGDON DEWEY HARRISON,
TRUSTEE FOR MRS. OMEGA E. QUINN
7517 TAMARRON PLACE, N.E.
ALBUQUERQUE, NEW MEXICO 87109

RECEIVED
FEB - 8 1983
OIL CONSERVATION DIVISION
SANTA FE

NORTHWEST PIPELINE CORPORATION

LAND DEPARTMENT

1125 Seventeenth Street, Suite 2140
Denver, Colorado 80202
303-620-3558

January 28, 1983

Assistant Area Oil and Gas Supervisor
Minerals Management Service
Western National Bank Building
505 Marquette NW, Suite 815
Albuquerque, NM 87102

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

417

State of New Mexico
Oil Conservation Commission
P. O. Box 2088
Santa Fe, NM 87501

Re: San Juan 30-5 Unit #14-08-001-436
Rio Arriba County, New Mexico
Supplemental 1982 Drilling Program

Gentlemen:

The Supplemental 1982 Drilling Program filed on December 17, 1982 for the San Juan 30-5 Unit has been approved by the regulatory agencies as follows:

Oil Conservation Commission	12/29/82
Commissioner of Public Lands	12/28/82
Minerals Management Service	01/26/83

Copies of this letter are being sent to the Working Interest Owners shown on the attached sheet.

Sincerely,

Kathy Michael
Kathy Michael
Supervisor/Land Department

KM:bs
attachment
CC: Working Interest Owners

SAN JUAN 30-5
WORKING INTEREST OWNERS

AMOCO PRODUCTION COMPANY
ATTN: M. R. GILE
1670 BROADWAY - SUITE 1914
AMOCO BUILDING
DENVER, COLORADO 80202

GENERAL AMERICAN OIL COMPANY OF TEXAS
ATTN: L. E. DOOLEY
MEADOWS BUILDING
DALLAS, TEXAS 75206

PHILLIPS PETROLEUM COMPANY
ATTN: M. K. STUDY
8055 E. TUFTS AVENUE PARKWAY
DENVER, COLORADO 80237

EL PASO EXPLORATION COMPANY
ATTN: JAMES R. PERMENTER
P. O. BOX 1492
EL PASO, TEXAS 79978

GETTY OIL COMPANY
ATTN: MR. T. L. DITMORE
THREE PARK CENTRAL - SUITE 700
DENVER, COLORADO 80202

LARRY H. WILLIAMS
ARAPAHOE DRILLING COMPANY
200 LOMAS, NW - SUITE 440
ALBUQUERQUE, NEW MEXICO 87102

LT. COL. LANGDON DEWEY HARRISON,
TRUSTEE FOR MRS. OMEGA E. QUINN
7517 TAMARRON PLACE, N.E.
ALBUQUERQUE, NEW MEXICO 87109

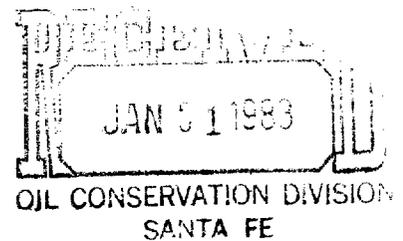


IN REPLY
REFER TO:

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

505 MARQUETTE AVENUE, N.W., SUITE 815
ALBUQUERQUE, NEW MEXICO 87102



Northwest Pipeline Corporation
Attention: Kathy Michael
1125 Seventeenth Street, Suite 2140
Denver, Colorado 80202

417

Gentlemen:

An approved copy of your amended 1982 plan of development for the San Juan 30-5 unit area, Rio Arriba County, New Mexico, is enclosed. Such plan, proposing to drill eighteen additional Dakota wells, was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

Gene F. Daniel
Deputy Minerals Manager
Oil and Gas

Enclosure

cc:
Comm. of Public Lands
NMOCD



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

BERNICE KING
GOVERNOR

December 29, 1982

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-2434

Northwest Pipeline Corp.
1125 17th St.
Suite 2140
Denver, CO 80202

ATTN: Kathy Michael

Case 417
RE: San Juan 31-6 Unit
San Juan 30-5 Unit
Dakota Formation
Rio Arriba County, NM

Dear Ms. Michael:

Enclosed please find the approved copies of the material referenced above. Such approval is contingent upon like approval by the Commissioner of Public Lands and the U. S. Minerals Management Service.

Sincerely,

Roy E. Johnson
Petroleum Geologist

REJ/dp

cc: Commissioner of Public Lands - Santa Fe
Minerals Management Service - Albuquerque
OCD District Office

File Copy

NORTHWEST PIPELINE CORPORATION

LAND DEPARTMENT

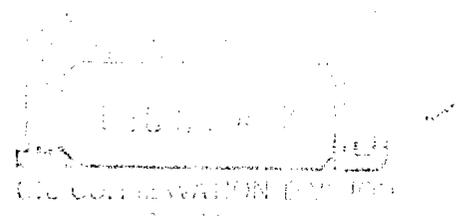
December 17, 1982

1125 Seventeenth Street, Suite 2140
Denver, Colorado 80202
303-620-3559

Case #417

Assistant Area Oil and Gas Supervisor
Minerals Management Service
Western National Bank Building
505 Marquette NW, Suite 815
Albuquerque, New Mexico 87102

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



State of New Mexico
Oil Conservation Commission
Attn: Mr. Joe Ramey
P. O. Box 2088
Santa Fe, NM 87501

Re: San Juan 30-5 Unit #14-08-001-436
Rio Arriba County, New Mexico
Supplemental 1982 Drilling Program

Gentlemen:

By letter dated March 29, 1982, Northwest Pipeline Corporation, as Unit Operator, filed a Drilling Program for the captioned Unit for the Calendar Year 1982.

Phillips Petroleum Company has requested the following additional Dakota Wells to be drilled under the 1982 Drilling Program. We plan to commence the drilling of these Wells prior to the filing of our 1983 Drilling Program.

18 wells
OK

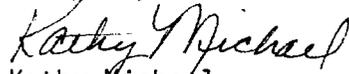
WELL NUMBER	LOCATION/DEDICATION
87	SW 5-30N-5W (S $\frac{1}{2}$)
88	SW 18-30N-5W (W $\frac{1}{2}$)
89	NE 19-30N-5W (E $\frac{1}{2}$)
90	NE 22-30N-5W (E $\frac{1}{2}$)
91	SW 25-30N-5W (S $\frac{1}{2}$)
93	NE 26-30N-5W (N $\frac{1}{2}$)
92	SW 26-30N-5W (S $\frac{1}{2}$)
94	NE 27-30N-5W (E $\frac{1}{2}$)
95	NE 28-30N-5W (E $\frac{1}{2}$)
96	SW 28-30N-5W (W $\frac{1}{2}$)
97	NE 29-30N-5W (N $\frac{1}{2}$)
98	NE 30-30N-5W (N $\frac{1}{2}$)
99	NE 33-30N-5W (N $\frac{1}{2}$)
102	SW 34-30N-5W (S $\frac{1}{2}$)
100	NE 34-30N-5W (N $\frac{1}{2}$)
86	SW 35-30N-5W (S $\frac{1}{2}$)
101	NE 35-30N-5W (N $\frac{1}{2}$)
85	SW 36-30N-5W (W $\frac{1}{2}$)

Assistant Area Oil and Gas Supervisor
Commissioner of Public Lands
Oil Conservation Commission
December 17, 1982
Page Two

If this 1982 Supplemental Drilling Program is acceptable, please signify your approval in the space provided and return one (1) copy to this office.

Copies of this 1982 Supplemental Drilling Program are being sent to the Working Interest Owners shown on the attached sheet.

Sincerely,



Kathy Michael
Supervisor/Land Department

KM:bs
CC: Working Interest Owners
attachment

APPROVED

Assistant Area Oil and Gas Supervisor
Minerals Management Service
Subject to the life approval by the
Commissioner of Public Lands and the
Oil Conservation Commission

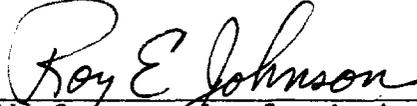
Date _____

APPROVED

Commissioner of Public Lands
Subject to like approval by the
Assistant Area Oil and Gas Supervisor
and the Oil Conservation Commission

Date _____

APPROVED

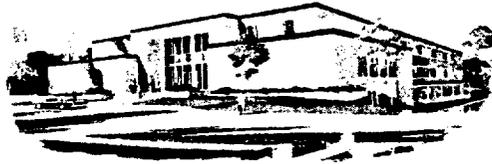


Oil Conservation Commission
Subject to like approval by the
Assistant Area Oil and Gas Supervisor
and the Commissioner of Public Lands

Date 12-29-82

The foregoing approvals are for the 1982 Supplemental Drilling Program for the San Juan 30-5 Unit #14-08-001-436

State of New Mexico



ALEX J. ARMIJO
COMMISSIONER

Commissioner of Public Lands

December 28, 1982

P. O. BOX 1148
SANTA FE, N. M. 87504-1148

Northwest Pipeline Corporation
1125 Seventeenth Street, Suite 2140
Denver, Colorado 80202

#417

Re: San Juan 30-5 Unit
Rio Arriba County, New Mexico
Supplemental 1982 Drilling Program

ATTENTION: Kathy Michael

Gentlemen:

The Commissioner of Public Lands has this date approved your Supplemental 1982 Drilling Program for the San Juan 30-5 Unit Rio Arriba County, New Mexico. Such supplemental program proposes to drill eighteen additional Dakota wells which will be commenced prior to the filing of your 1983 Drilling Program. Our approval is subject to like approval by the United States Minerals Management Service and the New Mexico Oil Conservation Division.

Enclosed is an approved copy for your files.

Please remit a Three (\$3.00) Dollar filing fee.

Very truly yours,

ALEX J. ARMIJO
COMMISSIONER OF PUBLIC LANDS

BY: *Ray D. Graham*
RAY D. GRAHAM, Director
Oil and Gas Division
AC 505/827-5744

AJA/RDG/pm
encls.
cc:

OCD-Santa Fe, New Mexico
USMMS-Albuquerque, New Mexico
Administration



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-2434

December 1, 1982

Case 417

Northwest Pipeline Corp.
1125 Seventeenth Street
Suite 2140
Denver, CO 80202

ATTENTION: Kathy Michael

RE: San Juan 30-5
Additional Well Completion
Mesaverde Formation
Rio Arriba County, NM

Dear Ms. Michael:

The above referenced submittal has been approved by the New Mexico Oil Conservation Division effective this date. Such approval is contingent upon like approval by the New Mexico Commissioner of Public Lands and the United States Minerals Management Service.

Sincerely,

Roy E. Johnson
Petroleum Geologist

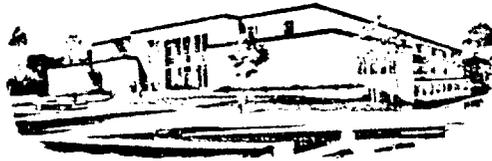
REJ/dp

cc: Commissioner of Public Lands - Santa Fe
Minerals Management Service - Albuquerque
OCD District Office

State of New Mexico



ALEX J. ARMIJO
COMMISSIONER



Commissioner of Public Lands

June 10, 1982

P. O. BOX 1148
SANTA FE, NEW MEXICO 87501

Northwest Pipeline Corporation
P. O. Box 5800, Terminal Annex
Denver, Colorado 80217

Re: San Juan 30-5 Unit
1982 Plan of Development
Rio Arriba County, New Mexico

ATTENTION: Cathy Michael

Gentlemen:

The Commissioner of Public Lands has this date approved your 1982 Drilling Program for the San Juan 30-5 Unit Rio Arriba County, New Mexico. Such program proposes to drill the Pictured Cliffs/Mesaverde Well No. 84 on the E/2 of Section 33, Township 30 North, Range 5 West. Our approval is subject to like approval by the New Mexico Oil Conservation Division and the United States Minerals Management Service.

Enclosed is one approved copy for your files.

Your filing fee in the amount of Three (\$3.00) Dollars has been received.

Very truly yours,

ALEX J. ARMIJO
COMMISSIONER OF PUBLIC LANDS

BY:
FLOYD O. PRANDO, Assistant Director
Oil and Gas Division
AC 505/827-2748

AJA/FOP/pm
encls.

cc: OCD-Santa Fe, New Mexico
USMMS-Albuquerque, New Mexico



United States Department of the Interior

OFFICE OF THE SECRETARY

Minerals Management Service
South Central Region

505 Marquette Avenue, N.W., Suite 815
Albuquerque, New Mexico 87102

Northwest Pipeline Corporation
Attention: Kathy Michael
P. O. Box 5800, Terminal Annex
Denver, Colorado 80217

Gentlemen:

An approved copy of your 1982 plan of development for the San Juan 30-5 unit area, Rio Arriba County, New Mexico, is enclosed. Such plan, proposing to drill a Pictured Cliffs/Mesaverde well during 1982, was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

The possibility might exist of drainage by wells outside of the unit boundary. You will be contacted by our Development Unit about this possibility.

Sincerely yours,

Gene F. Daniel
Deputy Minerals Manager
Oil and Gas

Enclosure

cc:
Comm. of Public Lands, Santa Fe
NMOCD, Santa Fe

417



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

April 19, 1982

BRUCE KING
GOVERNOR
LARRY KEHOE
SECRETARY

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-2434

Northwest Pipeline Corp.
P. O. Box 5800, Terminal Annex
Denver, Colorado 80217

417

Attention: Kathy Michael

Re: 1982 Plan of Development for
San Juan 30-5 Unit, Rio
Arriba County, New Mexico

Dear Ms. Michael:

The New Mexico Oil Conservation Division has this date approved your 1982 Plan of Development for the San Juan 30-5 Unit, Rio Arriba County, New Mexico. Our approval is subject to like approval by the Minerals Management Service and the Commissioner of Public Lands of the State of New Mexico.

Sincerely,

W. PERRY PEARCE
General Counsel

WPP/dr

cc: Minerals Management Service - Albuquerque
Commissioner of Public Lands - Santa Fe

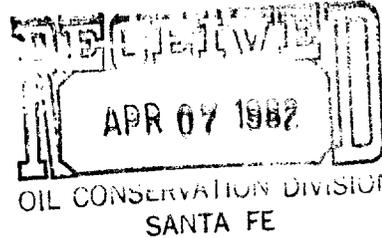
NORTHWEST PIPELINE CORPORATION

1125 Seventeenth Street, Suite 2100
(303) 620-3500

March 29, 1982

Mailing Address
P.O. Box 5800, Terminal Annex
Denver, Colorado 80217

Assistant Area Oil
and Gas Supervisor
United States Geological Survey
Western National Bank Building
505 Marquette NW, Suite 815
Albuquerque, New Mexico 87102



State of New Mexico
Commissioner of Public Lands
Attention: Mr. Ray D. Graham
Post Office Box 1148
Santa Fe, New Mexico 87501

State of New Mexico
Oil Conservation Commission
Attention: Mr. Joe Ramey
Post Office Box 2088
Sante Fe, New Mexico 87501

917

Gentlemen:

Re: San Juan 30-5 Unit
No. 14-08-001-346
Rio Arriba Co., NM
1982 Drilling Program

By letter dated March 4, 1981, Northwest Pipeline Corporation, as Unit Operator, filed a Drilling Program for the captioned unit for the calender year 1981 providing for the drilling of two (2) Mesaverde/Pictured Cliffs Wells, two (2) Mesaverde Wells, and nine (9) Dakota Wells. All wells were timely drilled except Dakota wells #75, 76, 78, and 80, which were dropped from the program.

As of this date, the total number of wells drilled in the San Juan 30-5 Unit on acreage committed to the unit is as follows:

Pictured Cliffs, plugged and abandoned	1
Pictured Cliffs, commercial	2
Pictured Cliffs-Mesaverde commercial	1
Pictured Cliffs-Mesaverde commerciality undetermined	1
Mesaverde, commercial	44
Mesaverde, noncommercial	1
Mesaverde, plugged and abandoned	5
Mesaverde, temporarily abandoned	1
Dakota, plugged and abandoned	1
Dakota, noncommercial	1
Dakota, commercial	3
Dakota, commerciality, not determined	16
Dakota, Waiting on Completion	4

A SUBSIDIARY OF NORTHWEST ENERGY COMPANY

Regulatory Agencies
March 29, 1982
Page Two

San Juan 30-5 Unit
1982 Drilling Program

Northwest Pipeline Corporation, as Unit Operator, has contacted all of the Working Interest Owners and has received the necessary concurrence to propose the drilling of the following additional wells during the calendar year 1982:

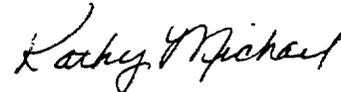
<u>Well Number</u>	<u>Location</u>	<u>Formation</u>
#84	E/2 Section 33-30N-5W	PC/MV

Northwest Pipeline Corporation, as Unit Operator, will drill any offset wells that may be required to prevent drainage of unitized substances and any other wells deemed necessary or which are requested by the Unit Operator or the Working Interest Owners.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to Northwest Pipeline Corporation.

Copies of this drilling program are being sent to the Working Interest Owners as shown on the attached sheet.

Very truly yours,



Kathy Michael
Associate Landman

KM:bjt

Enclosure

cc: Working Interest Owners

APPROVED

DATE

Area Oil and Gas Supervisor
United States Geological Survey
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
United States Geological Survey
and The Oil Conservation Commission

APPROVED

DATE

W. Perry Pearce
Oil Conservation Commission
Subject to like approval by The
United States Geological Survey and
The Commissioner of Public Lands

4/9/82

The foregoing approvals are for the San Juan 30-5 Unit, No.
14-08-001-346, Rio Arriba County, New Mexico, 1982 Drilling Program.

San Juan 30-5 Unit
Working Interest Owners

Amoco Production Company
Attention: Mr. A M. Roney
1670 Broadway, Suite 750
Amoco Building
Denver, Colorado 80202

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

Phillips Petroleum Company
Attention: Mr. Paul Wieman
7800 East Dorado Place
Englewood, Colorado 80111

El Paso Exploration Company
Attention: James R. Permenter
Post Office Box 1492
El Paso, Texas 79978

Getty Oil Company
Attention: Mr. T. L. Ditmore
Three Park Central, Suite 700
Denver, Colorado 80202

Coastline Petroleum Company, Inc.
c/o Lone Star Industries, Inc.
2800 Campus Drive
San Mateo, California 94403

Lt. Col. Langdon Dewey Harrison,
Trustee for Mrs. Omega E. Quinn
7517 Tamarron Place, N.E.
Albuquerque, New Mexico 87109

Arapahoe Drilling Company
Attention: Mr. Larry H. Williams
Post Office Box 26687
Albuquerque, New Mexico 87125

Phillips Petroleum Company
Attention: Mr. Gordon Buckman
7800 East Dorado Place
Englewood, Colorado 80111

Phillips Petroleum Company
Attention: Ms. M. K. Study
Woodside II
7800 East Dorado Place
Englewood, Colorado 80111

RECEIVED
APR 15 1981
OIL CONSERVATION DIVISION
SANTA FE

NORTHWEST PIPELINE CORPORATION

1125 Seventeenth Street, Suite 2100
Denver, Colorado 80202
(303) 620-3500

April 15, 1981

Mailing Address

P. O. Box 5800, Terminal Annex
Denver, Colorado 80217

Mr. Jack Willock
Assistant Area Oil
and Gas Supervisor
United States Geological Survey
Western National Bank Building
505 Marquette NW, Suite 815
Albuquerque, New Mexico 87102

417

State of New Mexico
Commissioner of Public Lands
Attention: Mr. Ray D. Graham
Post Office Box 1148
Santa Fe, New Mexico 87501

State of New Mexico
Oil Conservation Commission
Attention: Mr. Joe Ramey
Post Office Box 2088
Santa Fe, New Mexico 97501

Gentlemen:

Re: San Juan 30-5 Unit
No. 14-08-001-346
Rio Arriba County, New Mexico
1981 Drilling Program

The 1981 Drilling Program filed on March 4, 1981 for the San Juan 30-5 Unit, No. 14-08-001-346, has been approved by the regulatory agencies as follows:

Oil Conservation Commission	3-11-81
Commissioner of Public Lands	3-12-81
U. S. Geological Survey	4-03-81

Copies of this letter are being sent to the Working Interest Owners shown on the attached sheet.

Very truly yours,

Kathy Michael

Kathy Michael
Associate Landman
(303) 620-3520

KM:vh

Enclosure A SUBSIDIARY OF NORTHWEST ENERGY COMPANY

San Juan 30-5 Unit
Working Interest Owners

Amoco Production Company
Attention: Mr. A M. Roney
1670 Broadway, Suite 750
Amoco Building
Denver, Colorado 80202

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

Phillips Petroleum Company
Attention: Mr. Derryl E. Millican
7800 East Dorado Place
Englewood, Colorado 80111

El Paso Exploration Company
Attention: James R. Permenter
Post Office Box 1492
El Paso, Texas 79978

Getty Oil Company
Attention: Mr. T. L. Ditmore
Three Park Central, Suite 700
Denver, Colorado 80202

Coastline Petroleum Company, Inc.
c/o Lone Star Industries, Inc.
2800 Campus Drive
San Mateo, California 94403

Lt. Col. Langdon Dewey Harrison,
Trustee for Mrs. Omega E. Quinn
7517 Tamarron Place, N.E.
Albuquerque, New Mexico 87109

Arapahoe Drilling Company
Attention: Mr. Larry H. Williams
Post Office Box 26687
Albuquerque, New Mexico 87125

Phillips Petroleum Company
Attention: Mr. Gordon Buckman
7800 East Dorado Place
Englewood, Colorado 80111



United States Department of the Interior

GEOLOGICAL SURVEY
South Central Region
P. O. Box 26124
Albuquerque, New Mexico 87125

03 APR 1981

417

Northwest Pipeline Corporation
Attention: Kathy Michael
P. O. Box 5800, Terminal Annex
Denver, Colorado 80217

Gentlemen:

One approved copy of your 1981 plan of development for the San Juan 30-5 unit area, Rio Arriba County, New Mexico is enclosed. Such plan, proposing two Mesaverde/Pictured Cliffs wells, two Mesaverde wells and nine Dakota wells, was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

ORIGINAL SIGNED BY:

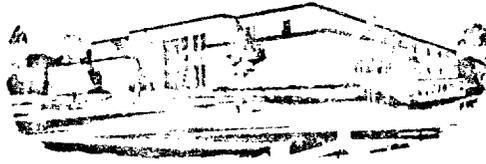
Gene F. Daniel
Deputy Conservation Manager
Oil and Gas

Enclosure

cc:
NMOCD, Santa Fe

APR 15 1981
U.S. GEOLOGICAL SURVEY
SOUTH CENTRAL REGION
ALBUQUERQUE, NEW MEXICO

State of New Mexico



817

Commissioner of Public Lands

March 12, 1981

ALEX J. ARMIJO
COMMISSIONER

P. O. BOX 1148
SANTA FE, NEW MEXICO 87501

Northwest Pipeline Corporation
P. O. Box 5800, Terminal Annex
Denver, Colorado 80217

Re: San Juan 30-5 Unit
Rio Arriba County, New Mexico
1981 DRILLING PROGRAM

ATTENTION: Kathy Michael

Gentlemen:

The Commissioner of Public Lands has this date approved your 1981 Drilling Program for the San Juan 30-5 Unit, Rio Arriba County, New Mexico. Such program proposes the drilling of wells no 12A, 9A, 41A, 74, 75, 76, 77, 78, 79, 80, 81 82, and 83. Our approval is subject to like approval by the United States Geological Survey. The New Mexico Oil Conservation Commission gave their approval March 10, 1981.

Enclosed is one approved copy for your files.

As a matter of information, in the future, the following information will be required on all plans of development involving State lands.

1. An up to date map showing all well numbers and locations and current well status.
2. A complete production history by month for the year beginning 1980.

Your filing fee in the amount of Three (\$3.00) Dollars has been received.

Very truly yours,

ALEX J. ARMIJO
COMMISSIONER OF PUBLIC LANDS

BY:

RAY D. GRAHAM, Director
Oil and Gas Division

AJA/RDG/s
encls.

cc: OCD-Santa Fe, New Mexico
 USGS-Roswell, New Mexico
 USGS-Albuquerque, New Mexico



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR
LARRY KEHOE
SECRETARY

March 10, 1981

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-2434

Northwest Pipeline Corporation
P. O. Box 5800, Terminal Annex
Denver, Colorado 80217

Attention: Kathy Michael

Re: Case No. 417
San Juan 30-5 Unit
1981 Drilling Program

Gentlemen:

We hereby approve the 1981 Drilling Program for the San Juan 30-5 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 Drilling Program are returned herewith.

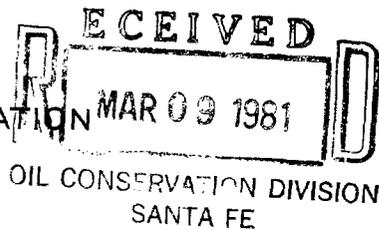
Yours very truly,

JOE D. RAMEY
Director

JDR/EP/fd
enc.

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

NORTHWEST PIPELINE CORPORATION
1125 Seventeenth Street, Suite 2100
Denver, Colorado 80202
(303) 620-3500



March 4, 1981

Mailing Address
P. O. Box 5800, Terminal Annex
Denver, Colorado 80217

VIA EXPRESS MAIL

Mr. Jack Willock
Assistant Area Oil
and Gas Supervisor
United States Geological Survey
Western National Bank Building
505 Marquette NW, Suite 815
Albuquerque, New Mexico 87102

State of New Mexico
Commissioner of Public Lands
Attention: Mr. Ray D. Graham
Post Office Box 1148
Santa Fe, New Mexico 87501

State of New Mexico
Oil Conservation Commission
Attention: Mr. Joe Ramey
Post Office Box 2088
Santa Fe, New Mexico 87501

Gentlemen:

Re: San Juan 30-5 Unit
No. 14-08-001-346
Rio Arriba County, New Mexico
1981 Drilling Program

By letter dated July 8, 1980, Northwest Pipeline Corporation, as Unit Operator, filed a Drilling Program for the captioned Unit for the calendar year 1980, providing for the drilling of one (1) Mesaverde Well and nine (9) Dakota Wells. All of these wells were timely drilled except the No. 14A (SE-31-30-5, MV) which will be commenced in the very near future.

With the completion of the above wells, the total number of wells drilled in the San Juan 30-5 Unit is as follows:

San Juan 30-5 Unit
1981 Drilling Program

Pictured Cliffs, plugged and abandoned	1
Pictured Cliffs, commercial	2
Mesaverde, commercial	42
Mesaverde, noncommercial	1
Mesaverde, plugged and abandoned	5
Mesaverde, temporarily abandoned	1
Dakota, plugged and abandoned	1
Dakota, noncommercial	1
Dakota, commercial	3
Dakota, commerciality, not determined	7
Dakota, Waiting on Completion	4
	<u>68</u>

We have contacted all of the Working Interest Owners and have received the necessary concurrence to propose the drilling of the following wells during 1981:

<u>Well No.</u>	<u>Spacing Unit</u>	<u>Formation</u>
12A	W/2 Sec. 31-30N-5W	MV/PC
9A	W/2 Sec. 32-30N-5W	MV
41A	E/2 Sec. 32-30N-5W	MV
74	W/2 Sec. 34-30N-5W	MV/PC
75	W/2 Sec. 21-30N-5W	DK
76	N/2 Sec. 15-30N-5W	DK
77	E/2 Sec. 36-30N-5W	DK
78	S/2 Sec. 7-30N-5W	DK
79	N/2 Sec. 5-30N-5W	DK
80	N/2 Sec. 6-30N-5W	DK
81	W/2 Sec. 27-30N-5W	DK
82	E/2 Sec. 25-30N-5W	DK
83	W/2 Sec. 23-30N-5W	DK

Northwest Pipeline Corporation, as Unit Operator, will drill any offset wells that may be required to prevent drainage of unitized substances and any other wells deemed necessary or which are requested by the Unit Operator or the Working Interest Owners.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the

Regulatory Agencies
March 4, 1981
Page 3

San Juan 30-5 Unit
1981 Drilling Program

attached sheet and return an approved copy to Northwest Pipeline Corporation.

Copies of this Drilling Program are being sent to the Working Interest Owners as shown on the attached sheet.

Very truly yours,



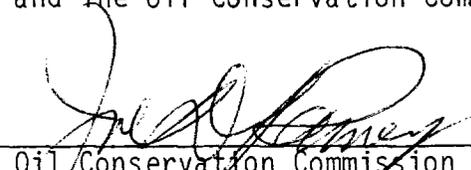
Kathy Michael
Land Records Coordinator

KM:vh
Enclosure

cc: Working Interest Owners

APPROVED: _____ DATE: _____
Area Oil and Gas Supervisor
United States Geological Survey
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
United States Geological Survey
and The Oil Conservation Commission

APPROVED:  _____ DATE: 3/11/81
Oil Conservation Commission
Subject to like approval by The
United States Geological Survey and
The Commissioner of Public Lands

The foregoing approvals are for the San Juan 30-5 Unit, No. 14-08-001-346, Rio Arriba County, New Mexico, 1981 Drilling Program.

SAN JUAN 30-5 UNIT

Working Interest Owners

Amoco Production Company
Attention: Mr. A. M. Roney
1670 Broadway, Suite 750
Amoco Building
Denver, Colorado 80202

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

Phillips Petroleum Company
Attention: Mr. Derryl E. Millican
7800 East Dorado Place
Englewood, Colorado 80111

El Paso Natural Gas Company
Attention: James R. Permenter
Post Office Box 1492
El Paso, Texas 79978

Getty Oil Company
Attention: Mr. J. E. Hofmann
Three Park Central, Suite 700
Denver, Colorado 80202

Coastline Petroleum Company, Inc.
c/o Lone Star Industries, Inc.
2800 Campus Drive
San Mateo, California 94403

Lt. Col. Langdon Dewey Harrison,
Trustee for Mrs. Omega E. Quinn
7517 Tamarron Place, N.E.
Albuquerque, New Mexico 87109

Arapahoe Drilling Company
Attention: Mr. Larry H. Williams
Post Office Box 26687
Albuquerque, New Mexico 87125

Phillips Petroleum Company
Attention: Mr. Gordon Buckman
7800 East Dorado Place
Englewood, Colorado 80111

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

September 24, 1980

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

Attention: Kathy Michael

Re: Case No. 417
San Juan 30-5 Unit
1980 Drilling Program

Gentlemen:

We hereby approve the 1980 Drilling Program for the San Juan 30-5 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 Drilling Program 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



United States Department of the Interior

GEOLOGICAL SURVEY
South Central Region
P. O. Box 26124
Albuquerque, New Mexico 87125

JUL 29 1980

417

Northwest Pipeline Corporation
Attention: Kathy Michael
One Park Central, Suite 1487
Denver, Colorado 80202

Gentlemen:

One approved copy of your 1980 plan of development for the San Juan 30-5 unit area, Rio Arriba County, New Mexico, is enclosed. Such plan, proposing to drill unit wells 14A, 49, 50, 51, 52, 53, 70, 71, 72, 73, and any other required wells, was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

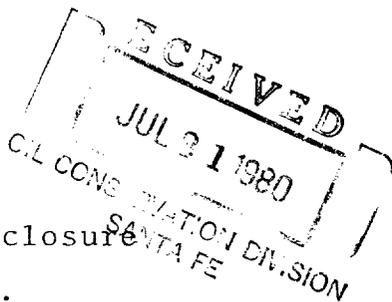
Sincerely yours,

(ORIG. SGD.) JACK WILLOCK

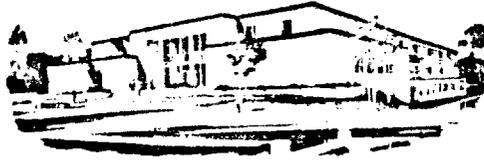
for Floyd L. Stelzer
Acting Deputy Conservation
Manager, Oil and Gas

Enclosure

cc:
NMOCD, Santa Fe



State of New Mexico



417

Commissioner of Public Lands

July 18, 1980

ALEX J. ARMIJO
COMMISSIONER

P. O. BOX 1148
SANTA FE, NEW MEXICO 87501

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

Re: San Juan 30-5 Unit
Rio Arriba County, New Mexico
1980 DRILLING PROGRAM

ATTENTION: Kathy Michael

Gentlemen:

The Commissioner of Public Lands has this date approved your 1980 Drilling Program for the San Juan 30-5 Unit, Rio Arriba County, New Mexico. Such program calls for the drilling of wells No. 14A, 49, 50, 51, 52, 53, 70, 71, 72, 73. Our approval is subject to like approval by the United States Geological Survey and the New Mexico Oil Conservation Division.

Enclosed is one approved copy for your files.

Your filing fee in the amount of Three (\$3.00) Dollars has been received.

Very truly yours,

ALEX J. ARMIJO
COMMISSIONER OF PUBLIC LANDS

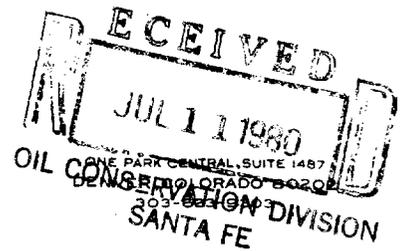
BY:
RAY D. GRAHAM, Director
Oil and Gas Division
Ac 505-827-2748

AJA/RDG/s
encls.
cc:

OCD-Santa Fe, New Mexico ✓
USGS-Roswell, New Mexico
USGS-Albuquerque, New Mexico

NORTHWEST PIPELINE CORPORATION

July 8, 1980



Mr. Jack Willock
Assistant Area Oil
and Gas Supervisor
United States Geological Survey
Western National Bank Building
505 Marquette NW, Suite 815
Albuquerque, New Mexico 87102

417

O/C

9/15/80

E/P

State of New Mexico
Commissioner of Public Lands
Attention: Mr. Ray D. Graham
Post Office Box 1148
Santa Fe, New Mexico 87501

State of New Mexico
Oil Conservation Commission
Attention: Mr. Joe Ramey
Post Office Box 2088
Santa Fe, New Mexico 87501

Gentlemen:

Re: San Juan 30-5 Unit
No. 14-08-001-346
Rio Arriba County,
New Mexico
1980 Drilling Program

By letter dated March 29, 1979, Northwest Pipeline Corporation, Unit Operator, filed a Drilling Program for the captioned Unit for the calendar year 1979, providing for the drilling of one (1) Pictured Cliffs well and by letter dated June 4, 1979, Northwest Pipeline Corporation filed a supplemental Drilling Program for 1979 providing for the drilling of two (2) Dakota wells. All of these wells were timely drilled.

With the completion of the above wells, the total number of wells drilled in the San Juan 30-5 Unit is as follows:

Pictured Cliffs, Waiting on Completion	1
Pictured Cliffs, Commercial	1
Pictured Cliffs, Commerciality Undetermined	2
Mesaverde, Commercial	39
Mesaverde, Commerciality Undetermined	2
Mesaverde, Noncommercial	1
Mesaverde, Plugged and Abandoned	5
Mesaverde, Temporarily Abandoned	1
Mesaverde-Dakota Dual, Plugged and Abandoned	1
Dakota, Noncommercial	1
Dakota, Commercial	3
Dakota, Commerciality Not Determined	1
Dakota, Waiting on Completion	1

TOTAL

59

Mr. Jack Willock
United States Geological Survey, et al
July 8, 1980
Page 2

San Juan 30-5 Unit
No. 14-08-001-346
1980 Drilling Program

We have contacted all of the Working Interest Owners and have received the necessary concurrence to propose the drilling of the following well(s) during 1980:

<u>Well No.</u>	<u>Spacing Unit</u>	<u>Formation</u>
San Juan 30-5 Unit #14A	SE/4 Section 31-30-5	Mesaverde
San Juan 30-5 Unit #49	SW/4 Section 9-30-5	Dakota
San Juan 30-5 Unit #50	SW/4 Section 6-30-5	Dakota
San Juan 30-5 Unit #51	NE/4 Section 21-30-5	Dakota
San Juan 30-5 Unit #52	SW/4 Section 15-30-5	Dakota
San Juan 30-5 Unit #53	SW/4 Section 16-30-5	Dakota
San Juan 30-5 Unit #70	NE/4 Section 9-30-5	Dakota
San Juan 30-5 Unit #71	SW/4 Section 22-30-5	Dakota
San Juan 30-5 Unit #73	SW/4 Section 10-30-5	Dakota
San Juan 30-5 Unit #72	NE/4 Section 10-30-5	Dakota

Northwest Pipeline Corporation, as Unit Operator, will drill any offset wells that may be required to prevent drainage of unitized substances and any other wells deemed necessary or which are requested by the Unit Operator or the Working Interest Owners.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to Northwest Pipeline Corporation.

Copies of this Drilling Program are being sent to the Working Interest Owners as shown on the attached sheet.

Very truly yours,

Kathy Michael
Kathy Michael
Land Records Coordinator

KM:vh
Enclosure

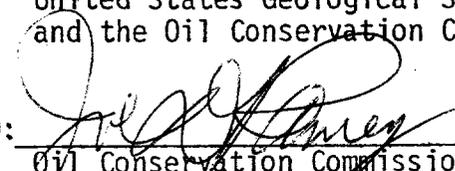
cc: Working Interest Owners

APPROVED: _____
Area Oil and Gas Supervisor
United States Geological Survey
Subject to like approval by the
Commissioner of Public Lands and
The Oil Conservation Commission

DATE: _____

APPROVED: _____
Commissioner of Public Lands
Subject to like approval by the
United States Geological Survey
and the Oil Conservation Commission

DATE: _____

APPROVED:  _____
Oil Conservation Commission
Subject to like approval by the
United States Geological Survey and
the Commissioner of Public Lands

DATE: 9/24/80

The foregoing approvals are for the San Juan 30-5 Unit, No. 14-08-001-346,
Rio Arriba County, New Mexico, 1980 Drilling Program.

San Juan 30-5 Unit
Working Interest Owners

Amoco Production Company
Attention: Mr. T. M. Curtis
1670 Broadway, Suite 750
Amoco Building
Denver, Colorado 80202

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

Phillips Petroleum Company
Attention: Mr. N. N. Beckner
7800 East Dorado Place
Englewood, Colorado 80111

El Paso Natural Gas Company
Attention: James R. Permenter
Post Office Box 1492
El Paso, Texas 79978

Getty Oil Company
Attention: Mr. J. E. Hofmann
Three Park Central, Suite 700
Denver, Colorado 80202

Coastline Petroleum Company, Inc.
c/o Lone Star Industries, Inc.
2800 Campus Drive
San Mateo, California 94403

Lt. Col. Langdon Dewey Harrison,
Trustee for Mrs. Omega E. Quinn
7311 Montgomery, N.E.
Albuquerque, New Mexico 87109

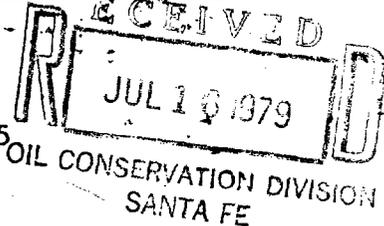
Arapahoe Drilling Company
Attention: Mr. Larry H. Williams
Post Office Box 26687
Albuquerque, New Mexico 87125



United States Department of the Interior

GEOLOGICAL SURVEY
Conservation Division

P. O. Box 26124
Albuquerque, New Mexico 87125



Northwest Pipeline Corporation
Attention: Ms. Betty R. Burnett
One Park Central, Suite 1487
Denver, Colorado 80202

417

Gentlemen:

On this date, your 1979 supplemental plan of development and operation for the San Juan 30-5 unit area, Rio Arriba County, New Mexico, wherein you propose to drill wells No. 38 and No. 48 to test the Dakota formation in addition to drilling well 69 to test the Pictured Cliffs formation was approved. Such approval is subject to like approval by the appropriate State officials.

One approved copy is enclosed.

Sincerely yours,

(ORIG. SGD.) GENE F. DANIEL

Gene F. Daniel
Acting Oil and Gas Supervisor, SRMA

Enclosure

cc:
NMOCD, Santa Fe (ltr. only)
Com. Pub. Lands, Santa Fe (ltr. only)
DE, Durango (w/cy plan)



ONE HUNDRED YEARS OF EARTH SCIENCE IN THE PUBLIC SERVICE

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

June 29, 1979

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

Attention: Betty R. Burnett

Re: Case No. 417
San Juan 30-5 Unit
1979 Supplemental
Drilling Program

Gentlemen:

We hereby approve the 1979 Supplemental Drilling Program for the San Juan 30-5 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 Supplemental Drilling Program 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

June 1, 1979

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

Mr. D. G.

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

Mr. Joe D. Ramey
Energy and Minerals Department
Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 30-5 Unit
Rio Arriba County, New Mexico
1979 Drilling Program

Gentlemen:

This is to advise the 1979 Drilling Program dated March 29, 1979, for the San Juan 30-5 Unit was approved by the regulatory agencies on the following dates:

Oil Conservation Commission	April 5, 1979
Commissioner of Public Lands	April 11, 1979
U.S. Geological Survey	April 9, 1979

Copies of this letter are being sent to the working interest owners in the San Juan 30-5 Unit.

Very truly yours,

Betty R. Burnett
Betty R. Burnett
Supervisor of Contracts and Units

BRB/meq

cc: Working Interest Owners



NORTHWEST PIPELINE CORPORATION

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

June 4, 1979

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

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

Energy and Minerals Division
Oil Conservation Division
State of New Mexico
Att: Mr. Joe Ramey
P.O. Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 30-5 Unit
Rio Arriba County, New Mexico
1979 Supplemental Drilling Program

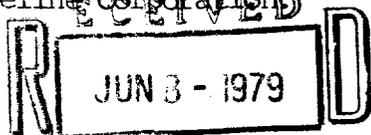
Gentlemen:

By letter dated March 29, 1979, Northwest filed a Drilling Program for 1979, providing for the drilling of one Pictured Cliffs well, (i.e. well no. 69 to be drilled on N/2 Sec. 32-30N-5W). Phillips Petroleum Company has requested a Supplemental Drilling Program to be filed providing for the drilling of the following Dakota wells during the calendar year 1979:

<u>Well No.</u>	<u>Drilling Block</u>	<u>Formation</u>
38	E/2 Sec. 18-30N-5W	Dakota
48	E/2 Sec. 20-30N-5W	Dakota

Northwest Pipeline Corporation, as Unit Operator, will drill any offset wells that may be required to prevent drainage of unitized substances and any other wells deemed necessary or which are requested by the Unit Operator or the working interest owners.

If this supplemental drilling program meets with your approval, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return one approved copy to the Northwest Pipeline Corporation.



OIL CONSERVATION DIVISION
SANTA FE

San Juan 30-5 Unit
1979 Supplemental Drilling Program
Page Two

Copies of this supplemental drilling program have been sent to the working interest owners as shown on the attached sheet.

Very truly yours,



Betty R. Burnett
Supervisor of Contracts and Units

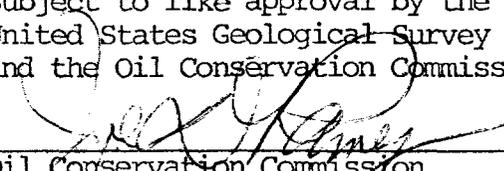
BRB/RS:meq

Enclosures

cc: Working Interest Owners

APPROVED: _____ DATE: _____
Area Oil and Gas Supervisor
United States Geological Survey
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
United States Geological Survey
and the Oil Conservation Commission

APPROVED: _____ DATE: 7/2/79

Oil Conservation Commission
Subject to like approval by the
United States Geological Survey and
the Commissioner of Public Lands

The foregoing approvals are for the San Juan 30-5 Unit #14-08-001-346,
Rio Arriba County, New Mexico, 1979 Supplemental Drilling Program.

SAN JUAN 30-5 UNIT

Working Interest Owners

Amoco Production Company
Att: Mr. T. M. Curtis
Security Life Building
Denver, Colorado 80202

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

Phillips Petroleum Company
Woodside II, Greenwood Plaza
7800 East Dorado Place
Englewood, Colorado 80111
Att: Mr. N. N. Beckner

El Paso Natural Gas Company
Att: Mr. James R. Permenter
P.O. Box 1492
El Paso, Texas 79978

Lt. Col. Langdon Dewey Harrison
Trustee for Mrs. Omega E. Quinn
7311 Montgomery, N.E.
Albuquerque, New Mexico 87109

Getty Oil Company
Att: Mr. J. E. Hofman
Three Park Central, Ste. 700
Denver, Colorado 80202

Arapahoe Drilling Company
Att: Mr. Larry H. Williams
P.O. Box 26687
Albuquerque, New Mexico 87125

State of New Mexico



Commissioner of Public Lands

April 11, 1979

ALEX J. ARMIJO
COMMISSIONER

P. O. BOX 1148
SANTA FE, NEW MEXICO 87501

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

417

Re: San Juan 30-5 Unit
Rio Arriba County,
New Mexico
1979 Drilling Program

ATTENTION: Betty R. Burnett

Gentlemen:

The Commissioner of Public Lands has this date approved your 1979 Drilling Program for the San Juan 30-5 Unit, Rio Arriba County, New Mexico. Such plan proposes the drilling of well No. 69. Our approval is subject to like approval by the United States Geological Survey and the New Mexico Oil Conservation Division.

Enclosed is one approved copy for your files.

Your Three (\$3.00) Dollar filing fee has been received.

Very truly yours,

ALEX J. ARMIJO
COMMISSIONER OF PUBLIC LANDS

BY:
RAY D. GRAHAM, Director
Oil and Gas Division

AJA/RDG/s
encls.

cc: OCD-Santa Fe, New Mexico
 USGS-Roswell, New Mexico
 USGS-Albuquerque, New Mexico

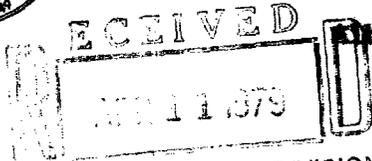


United States Department of the Interior

GEOLOGICAL SURVEY

P. O. Box 26124

Albuquerque, New Mexico 87125



APR 09 1979

OIL CONSERVATION DIVISION
SANTA FE

Northwest Pipeline Corporation
Attention: Ms. Betty R. Burnett
One Park Central, Suite 1487
Denver, Colorado 80202

no. 417

Gentlemen:

One approved copy of your 1979 plan of development for the San Juan 30-5 unit area, Rio Arriba County, New Mexico, proposing the drilling of one Pictured Cliffs well, is enclosed. Such plan was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

(ORIG. SGD.) JAMES W. SUTHERLAND

Oil and Gas Supervisor, SRMA

Enclosure

cc:
NMOCD, Santa Fe (ltr. only) ← This Copy for

State of New Mexico



ALEX J. ARMIJO
COMMISSIONER



Commissioner of Public Lands
June 18, 1979

P. O. BOX 1148
SANTA FE, NEW MEXICO 87501

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

417

Re: San Juan 30-5 Unit
Rio Arriba County, New Mexico
1979 SUPPLEMENTAL DRILLING PROGRAM

ATTENTION: Betty R. Burnett

Gentlemen:

The Commissioner of Public Lands has this date approved your 1979 Supplemental Drilling Program for the San Juan 30-5 Unit, Rio Arriba County, New Mexico. Such plan calls for the drilling of two Dakota Wells, No. 38 and 48. Our approval is subject to like approval by the United States Geological Survey and the New Mexico Oil Conservation Division.

Enclosed is one approved copy for your files.

Your Three (\$3.00) Dollar filing fee has been received.

Very truly yours,

ALEX J. ARMIJO
COMMISSIONER OF PUBLIC LANDS

BY:
RAY D. GRAHAM, Director
Oil and Gas Division

AJA/RDG/s
encl.
cc:

OCD-Santa Fe, New Mexico
USGS-Roswell, New Mexico
USGS-Albuquerque, New Mexico

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

April 5, 1979

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

Attention: Betty R. Burnett

Re: Case No. 417
San Juan 30-5 Unit
1979 Drilling Program

Gentlemen:

We hereby approve the 1979 Drilling Program for the San Juan 30-5 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 Drilling Program are returned herewith.

Yours very truly,

JOE D. RAMEY
Director

JDR/LT/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

March 29, 1979

Mr. James A. Gillham
Assistant Oil and Gas Supervisor
United States Geological Survey
Post Office Drawer 1857
Roswell, New Mexico 88201

Commissioner of Public Lands
State of New Mexico
Attention: Mr. Ray D. Graham
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Commission
State of New Mexico
Attention: Joe Ramey
Post Office Box 2088
Santa Fe, New Mexico 87501

*Approved
No. 417*

Gentlemen:

Re: San Juan 30-5 Unit
#14-08-001-346
Rio Arriba County
1979 Drilling Program

By letter dated January 30, 1978, Northwest Pipeline Corporation, Unit Operator filed a drilling program for the captioned unit for the calender year 1978, providing for the drilling of one (1) Mesaverde well and by letter dated June 27 1978, Northwest Pipeline Corporation filed a supplemental drilling program for 1978 providing for the drilling of two Pictured Cliffs wells. All of these wells were timely drilled.

With the completion of the above wells, the total number of wells drilled in the San Juan 30-5 Unit is as follows:

Pictured Cliffs, commerciality undetermined	3
Mesaverde, commercial	38
Mesaverde, commerciality undetermined	3
Mesaverde, non-commercial	1
Mesaverde, plugged and abandoned	5
Mesaverde, temporarily abandoned	1
Mesaverde-Dakota dual	
plugged and abandoned	1
Dakota, non-commercial	1
Dakota, commercial	3
	<hr/>
	56

U.S. Geological Survey
Commissioner of Public Lands
Oil Conservation Commission

March 28, 1979
page two

We have contacted all of the working interest owners and have not received any requests for drilling. Northwest, as Operator, proposes to drill the following well during 1979.

<u>Well No.</u>	<u>Spacing Unit</u>	<u>Formation</u>
69	W/2 Section 32-30N-5W	Pictured Cliffs

Northwest Pipeline Corporation, as Unit Operator, will drill any offset wells that may be required to prevent drainage of unitized substances and any other wells deemed necessary or which are requested by the Unit Operator or the working interest owners.

If this drilling program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to Northwest Pipeline Corporation.

Copies of this drilling program are being sent to the working interest owners as shown on the attached sheet.

Sincerely,



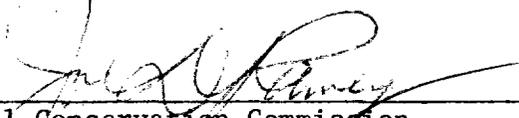
Betty R. Burnett
Supervisor of Contracts and Units

BRB:cw
Enclosures

cc: Working Interest Owners

APPROVED: _____ DATE: _____
Area Oil and Gas Supervisor
United States Geological Survey
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
United States Geological Survey
and the Oil Conservation Commission

APPROVED:  _____ DATE: 4/6/79
Oil Conservation Commission
Subject to like approval by the
United States Geological Survey and
The Commissioner of Public Lands

The foregoing approvals are for the San Juan 30-5 Unit #14-08-001-346
Rio Arriba County, New Mexico, 1979 Drilling Program.

NORTHWEST PIPELINE CORPORATION

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

August 3, 1978

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

Mr. Ray O. Graham
Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

✓ Mr. Joe Ramey
State of New Mexico Energy
and Minerals Department
Oil Conservation Division
Post Office Box 2088
Santa Fe, New Mexico 87501

No. 417

Re: San Juan 30-5 Unit
Rio Arriba County, New Mexico

Gentlemen:

The 1978 Supplemental Drilling Program filed on June 27, 1978 for the San Juan 30-5 Unit has been approved by the regulatory agencies as follows:

Commission of Public Lands	July 3, 1978
Oil Conservation Division	July 7, 1978
U. S. Geological Survey	July 31, 1978

Copies of this letter are being sent to the working interest owners shown on the attached list.

Sincerely,

Betty R. Burnett
Betty R. Burnett

Supervisor of Contracts and Units

BRB:fb
Attachment - 1
cc: Working Interest Owners

SAN JUAN 30-5 UNIT
Working Interest Owners

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

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

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

El Paso Natural Gas Company
Attention: Mr. James R. Permenter
Post Office Box 1492
El Paso, Texas 79978

LTC Langdon Dewey Harrison,
Trustee for Mrs. Omega E. Quinn
7311 Montgomery N. E. Boulevard, Box H-190
Albuquerque, New Mexico 87109

Getty Oil Company
Attention: Mr. J. E. Hofmann
Three Park Central, Suite 700
Denver, Colorado 80202

Arapahoe Drilling Company
Attention: Mr. Larry H. Williams
Post Office Box 26687
Albuquerque, New Mexico 87125



United States Department of the Interior

GEOLOGICAL SURVEY

P. O. Box 26124
Albuquerque, New Mexico 87125

AUG -1 1978

Santa Fe

JUL 31 1978

Northwest Pipeline Corporation
Attention: Ms. Betty R. Burnett
One Park Central, Suite 1437
Denver, Colorado 80202

no. 417

Gentlemen:

One approved copy of your Supplemental 1978 plan of development for the San Juan 30-5 unit area, Rio Arriba County, New Mexico, proposing the drilling of two additional Mesaverde infill wells, is enclosed. Such plan was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

(ORIG. SGD.) JAMES W. SUTHERLAND

Oil and Gas Supervisor, SRMA

Enclosure

cc:

NMOCD, Santa Fe (1tr. only)

Com. Pub. Lands, Santa Fe (1tr. only)

← This Copy for

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

July 7, 1978

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

Attention: Betty R. Burnett

Re: Case No. 417
San Juan 30-5 Unit
Supplemental 1978
Drilling Program

Gentlemen:

We hereby approve the Supplemental 1978 Drilling Program for the San Juan 30-5 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 Supplemental Program are returned herewith.

Very truly yours,

JOE D. RAMEY
Director

JDR/LT/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

June 27, 1978

Mr. James A. Gillham
United States Geological Survey
Post Office Drawer 1857
Roswell, New Mexico 88201

Commissioner of Public Lands
State of New Mexico
Attention: Mr. Ray D. Graham
Post Office Box 1148
Santa Fe, New Mexico 87501

Energy and Minerals Department
Oil Conservation Division
State of New Mexico
Attention: Mr. Joe Ramey
Post Office Box 2088
Santa Fe, New Mexico 87501

Approve
No. 417

Gentlemen:

Re: San Juan 30-5 Unit #14-08-001-346
Rio Arriba County, New Mexico
Supplemental 1978 Drilling Program

By letter dated January 30, 1978, Northwest Pipeline Corporation, Unit Operator, filed a drilling program for the captioned unit for the calendar year 1978 providing for the drilling of one Mesaverde well.

Northwest Pipeline Corporation, as Unit Operator, has contacted all of the working interest owners and has received the necessary concurrence to propose the drilling of the following additional wells during the calendar year 1978:

<u>Well No.</u>	<u>Location</u>	<u>Formation</u>
63	W/2 Sec. 31-30N-5W	Pictured Cliffs
64	E/2 Sec. 31-30N-5W	Pictured Cliffs

Northwest Pipeline Corporation, as Unit Operator, will drill any offset wells that may be required to prevent drainage of unitized substances and any other wells deemed necessary or which are requested by the Unit Operator or the working interest owners.

U. S. Geological Survey
Commissioner of Public Lands
Oil Conservation Division
June 27, 1978
page two

If this supplemental drilling program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to Northwest Pipeline Corporation.

Copies of this supplemental drilling program are being sent to the working interest owners as shown on the attached sheet.

Sincerely,



Betty R. Burnett
Supervisor of Contracts and Units

BRB:mk
Enclosures
cc: Working Interest Owners

SAN JUAN 30-5 UNIT
Working Interest Owners

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

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

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

El Paso Natural Gas Company
Attention: Mr. James R. Permenter
Post Office Box 1492
El Paso, Texas 79978

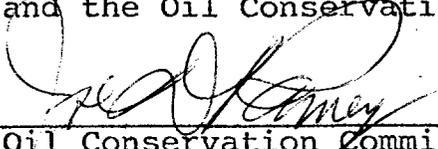
Lt. Col. Langdon Dewey Harrison,
Trustee for Mrs. Omega E. Quinn
7311 Montgomery, N. E.
Albuquerque, New Mexico 87109

Getty Oil Company
Attention: Mr. J. E. Hofmann
Three Park Central, Suite 700
Denver, Colorado 80202

Arapahoe Drilling Company
Attention: Mr. Larry H. Williams
P. O. Box 26687
Albuquerque, New Mexico 87125

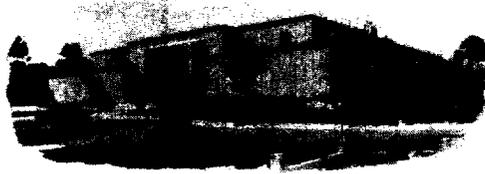
APPROVED: _____ DATE: _____
Area Oil and Gas Supervisor
United States Geological Survey
Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Commission

APPROVED: _____ DATE: _____
Commissioner of Public Lands
Subject to like approval by the
United States Geological Survey
and the Oil Conservation Commission

APPROVED:  _____ DATE: 7/7/78
Oil Conservation Commission
Subject to like approval by the
United States Geological Survey and
The Commissioner of Public Lands

The foregoing approvals are for the San Juan 30-5 Unit
#14-08-001-346 1978 Supplemental Drilling Program,
Rio Arriba County, New Mexico

State of New Mexico



Commissioner of Public Lands

PHIL R. LUCERO
COMMISSIONER

July 3, 1978

P. O. BOX 1148
SANTA FE, NEW MEXICO 87501

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

no. 4/9

Re: San Juan 30-5 Unit
Rio Arriba County, New Mexico
Supplemental 1978 Drilling Program

ATTENTION: Betty R. Burnett

Gentlemen:

The Commissioner of Public Lands has this date approved your Supplemental 1978 Drilling Program for the San Juan 30-5 Unit, Rio Arriba County, New Mexico. Such plans proposes the drilling of two additional wells. Our approval is subject to like approval by the United States Geological Survey and the New Mexico Oil Conservation Division.

Enclosed is one approved copy for your files.

Your Three Dollar filing fee has been received.

Very truly yours,

PHIL R. LUCERO
COMMISSIONER OF PUBLIC LANDS

BY:
RAY D. GRAHAM, Director
Oil and Gas Division

PRL/RDG/s
encls.
cc:

OCC-Santa Fe, New Mexico ✓
USGS-Roswell, New Mexico
USGS-Albuquerque, New Mexico

NORTHWEST PIPELINE CORPORATION

March 10, 1978

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

Mr. James A. Gillham
United States Geological Survey
Post Office Drawer 1857
Roswell, New Mexico 88201

Commissioner of Public Lands
State of New Mexico
Attention: Mr. Ray D. Graham
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Commission
State of New Mexico
Attention: Mr. Joe Ramey
Post Office Box 2088
Santa Fe, New Mexico 87501

710.417

Re: San Juan 30-5 Unit Well #68
W/2 Section 25-30N-5W
Rio Arriba County, New Mexico

Gentlemen:

On February 8, 1978, Northwest Pipeline Corporation requested an extension of time, until July 1, 1978, within which to commence drilling the captioned well located on an intervening drilling block. Approval of this extension has been granted as follows:

Commissioner of Public Lands	February 14, 1978
Oil Conservation Commission	February 24, 1978
U.S. Geological Survey (to 6/30/78)	March 6, 1978

Sincerely,

Betty R. Burnett

Betty R. Burnett
Supervisor of Contracts and Units

BRB:mk



United States Department of the Interior

GEOLOGICAL SURVEY

P. O. Box 26184
Albuquerque, New Mexico 87125

MAR 06 1978

Northwest Pipeline Corporation
Attention: Ms. Betty R. Burnett
One Park Central, Suite 1487
Denver, Colorado 80202

no. 417

Gentlemen:

Enclosed is one approved copy of your request for an extension of time in which to commence drilling of unit well No. 68 in the W $\frac{1}{2}$ sec. 25, T. 30 N., R. 5 W., N.M.P.M., Rio Arriba County, New Mexico, on an intervening drilling block in the San Juan 30-5 unit agreement. Such intervening drilling block was created by the 29th expansion of the Mesaverde participating area, effective April 1, 1977, making the well due to be commenced on or before March 31, 1978.

Unit well No. 68, which was proposed in your approved 1978 plan of development, is now due to be commenced by June 30, 1978. This approval is subject to like approval by the appropriate officials of the State of New Mexico.

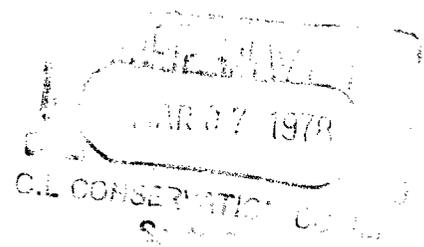
Sincerely yours,

(ORIG. SGD.) GENE F. DANIEL

GENE F. DANIEL
Acting Area Oil and Gas Supervisor

Enclosure

cc:
NMOCC, Santa Fe (ltr. only) ← This Copy for
Com. Pub. Lands, Santa Fe (ltr. only)



OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

February 24, 1978

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

Attention: Betty R. Burnett

Re: Case No. 417
San Juan 30-5 Unit
1978 Drilling Program

Gentlemen:

We hereby approve the 1978 Drilling Program for the San Juan 30-5 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 Drilling Program are returned herewith.

Very truly yours,

JOE D. RAMEY
Secretary-Director

JDR/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

February 8, 1978

Mr. Carl C. Traywick
Assistant Oil and Gas Supervisor
United States Geological Survey
Post Office Drawer 1857
Roswell, New Mexico 88201

Commissioner of Public Lands
State of New Mexico
Attention: Mr. Ray D. Graham
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Commission
State of New Mexico
Attention: Mr. Joe Ramey
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 30-5 Unit
Rio Arriba County, New Mexico
1978 Drilling Program

Gentlemen:

Northwest Pipeline Corporation, as Unit operator, has filed a drilling program providing for the drilling of Unit Well No. 68 in the W/2 Section 25-30N-5W on an intervening drilling block created by the 29th Expansion of the Mesaverde Participating Area, effective April 1, 1977.

Due to weather conditions and accessibility of this location, Northwest respectfully requests an extension of time until July 1, 1978 within which to commence drilling intervening drilling block Well No. 68.

Pursuant to Section 11(a) of the San Juan 30-5 Unit Agreement, if you approve our request, please note your concurrence to the extension of time within which to commence Well No. 68 in the space provided below and return one (1) copy to this office.

Sincerely,

Betty R. Burnett

Betty R. Burnett
Supervisor of Contracts and Units

BRB:mk

Enclosures

U.S. Geological Survey
Commissioner of Public Lands
Oil Conservation Commission
February 8, 1978
page two

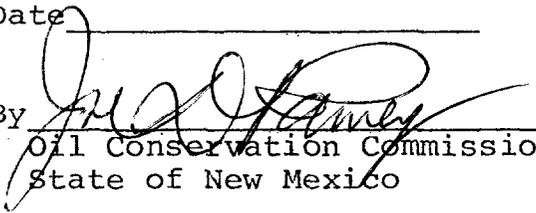
EXTENSION OF TIME UNTIL JULY 1, 1978
GRANTED FOR COMMENCEMENT OF SAN JUAN 30-5
UNIT WELL NO. 68

By _____
United States Geological Survey
Assistant Oil and Gas Supervisor

Date _____

By _____
Commissioner of Public Lands
State of New Mexico

Date _____

By  _____
Oil Conservation Commission
State of New Mexico

Date 2/24/78

THIS APPROVAL CONSTITUTES THE OFFICIAL APPROVAL
OF THE UNITED STATES GEOLOGICAL SURVEY
AND THE COMMISSIONER OF PUBLIC LANDS
OF THE STATE OF NEW MEXICO

cc: San Juan 30-5 Working Interest Owners

SAN JUAN 30-5 UNIT
Working Interest Owners

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

Crown Central Petroleum Corporation
Attention: Mr. O. I. Halbert III
Exploration Manager
Suite 1002, Wilco Building
Midland, Texas 79701

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

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

El Paso Natural Gas Company
Attention: Mr. James R. Permenter
Post Office Box 1492
El Paso, Texas 79978

Lt. Col. Langdon Dewey Harrison,
Trustee for Mrs. Omega E. Quinn
7311 Montgomery, N. E.
Albuquerque, New Mexico 87109

Getty Oil Company
Attention: Mr. J. E. Hofmann
Three Park Central, Suite 700
Denver, Colorado 80202

Coastline Petroleum Co., Inc.
c/o Lone Star Industries, Inc.
2800 Campus Drive
San Mateo, California 94403

NORTHWEST PIPELINE CORPORATION

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

February 16, 1978

RECEIVED
FEB 20 1978
CONSERVATION COMMISSION

Mr. Carl C. Traywick
Assistant Oil and Gas Supervisor
United States Geological Survey
Post Office Drawer 1857
Roswell, New Mexico 88201

Commissioner of Public Lands
State of New Mexico
Attention: Mr. Ray D. Graham
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Commission
State of New Mexico
Attention: Mr. Joe Ramey
Post Office Box 2088
Santa Fe, New Mexico 87501

Handwritten initials

Re: San Juan 30-5
Rio Arriba County, New Mexico
1978 Drilling Program

Gentlemen:

The 1978 Drilling Program filed on January 30, 1978 for the San Juan 30-5 Unit has been approved by the regulatory agencies as follows:

Commissioner of Public Lands	February 2, 1978
Oil Conservation Commission	February 8, 1978
U.S. Geological Survey	February 13, 1978

Copies of this letter are being sent to the working interest owners shown on the attached list.

Sincerely,

Betty Burnett

Betty R. Burnett
Supervisor of Contracts and Units

BRB:mk
attachment

SAN JUAN 30-5 UNIT
Working Interest Owners

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

Crown Central Petroleum Corporation
Attention: Mr. O. I. Halbert III
Exploration Manager
Suite 1002, Wilco Building
Midland, Texas 79701

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

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

El Paso Natural Gas Company
Attention: Mr. James R. Permenter
Post Office Box 1492
El Paso, Texas 79978

Lt. Col. Langdon Dewey Harrison,
Trustee for Mrs. Omega E. Quinn
7311 Montgomery, N. E.
Albuquerque, New Mexico 87109

Getty Oil Company
Attention: Mr. J. E. Hofmann
Three Park Central, Suite 700
Denver, Colorado 80202

Coastline Petroleum Co., Inc.
c/o Lone Star Industries, Inc.
2800 Campus Drive
San Mateo, California 94403



United States Department of the Interior

GEOLOGICAL SURVEY

P. O. Box 26124
Albuquerque, New Mexico 87125

FEB 14 1978
CONSERVATION

FEB 13 1978

Northwest Pipeline Corporation
Attention: Betty R. Burnett
One Park Central, Suite 1487
Denver, Colorado 80202

700,417

Gentlemen:

One approved copy of your 1978 plan of development for the San Juan 30-5 unit area, ~~R600~~ Arriba County, New Mexico, is enclosed. Such plan, proposing the drilling of one Mesaverde well on an intervening drilling block created by the 29th expansion of the Mesaverde participating area, effective April 1, 1977, was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

(ORIG. SGD.) GENE F. DANIEL

GENE F. DANIEL
Acting Area Oil and Gas Supervisor

Enclosure

cc:
NMOCC, Santa Fe (1tr. only) ← This Copy for
Com. Pub. Lands, Santa Fe (1tr. only)

State of New Mexico



Commissioner of Public Lands

PHIL R. LUCERO
COMMISSIONER

February 14, 1978

P. O. BOX 1148
SANTA FE, NEW MEXICO 87501

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

No. 417

Re: San Juan 30-5 Unit
Rio Arriba County, New Mexico
NOTICE OF COMPLETION OF ADDITIONAL
WELLS, MESAVARDE FORMATION

THIRTIETH EXPANDED PARTICIPATING AREA
Mesaverde Formation
Effective December 1, 1977

ATTENTION: Betty R. Barnett

Gentlemen:

We are in receipt of three copies of the captioned instruments for the San Juan 30-5 Unit, Rio Arriba County, New Mexico.

Since this needs no official approval, we have this date filed same in our unit files.

Enclosed is one copy for your files reflecting the date it was received in this office.

Very truly yours,

PHIL R. LUCERO
COMMISSIONER OF PUBLIC LANDS

BY:
RAY D. GRAHAM, Director
Oil and Gas Division

PRL/RDG/s
encls.

cc: OCC-Santa Fe, New Mexico ✓
USGS-Roswell, New Mexico
USGS-Albuquerque, New Mexico

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

February 8, 1978

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

Attention: Betty R. Burnett

**Re: Case No. 417
San Juan 30-5 Unit
1978 Drilling Program**

Gentlemen:

We hereby approve the 1978 Drilling Program for the San Juan 30-5 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 Drilling Program are returned herewith.

Very truly yours,

**JOE D. RAMEY
Secretary-Director**

**JDR/LT/fd
enc.**

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

State of New Mexico



Commissioner of Public Lands

PHIL R. LUCERO
COMMISSIONER

February 2, 1978

P. O. BOX 1148
SANTA FE, NEW MEXICO 87501

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

no. 417

Re: San Juan 30-5 Unit
Rio Arriba County, New Mexico
1978 DRILLING PROGRAM

ATTENTION: Betty R. Burnett

Gentlemen:

The Commissioner of Public Lands has this date approved your 1978 Drilling Program for the San Juan 30-5 Unit, Rio Arriba County, New Mexico. Such plan calls for the drilling of one Mesavada well during 1978.

This approval is subject to like approval by the United States Geological Survey and the New Mexico Oil Conservation Commission.

Enclosed is one approved copy for your files.

Your Three (\$3.00) Dollar filing fee has been received.

Very truly yours,

PHIL R. LUCERO
COMMISSIONER OF PUBLIC LANDS

BY:
RAY D. GRAHAM, Director
Oil and Gas Division

PRL/RDG/s

encl.

cc:

OCC-Santa Fe, New Mexico ✓
USGS-Roswell, New Mexico
USGS-Albuquerque, New Mexico

NORTHWEST PIPELINE CORPORATION

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

January 30, 1978

Mr. Carl C. Traywick
Assistant Oil and Gas Supervisor
United States Geological Survey
Post Office Drawer 1857
Roswell, New Mexico 88201

Commissioner of Public Lands
State of New Mexico
Attention: Mr. Ray D. Graham
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Commission
State of New Mexico
Attention: Mr. Joe Ramey
Post Office Box 2088
Santa Fe, New Mexico 87501

W. 417

Gentlemen:

Re: San Juan 30-5 Unit #14-08-001-346
Rio Arriba County, New Mexico
1978 Drilling Program

By letter dated September 8, 1978, Northwest Pipeline Corporation, Unit Operator, filed a drilling program for the captioned unit for the calendar year 1978 providing for the drilling of two (2) Mesaverde wells and one (1) Pictured Cliffs well. All of these wells were timely drilled.

With the completion of the above wells, the total number of wells drilled in the San Juan 30-5 Unit is as follows:

Pictured Cliffs, commerciality undetermined	1
Mesaverde, commercial	38
Mesaverde, commerciality undetermined	2
Mesaverde, non-commercial	1
Mesaverde, plugged and abandoned	5
Mesaverde, temporarily abandoned	1
Mesaverde-Dakota dual	
plugged and abandoned	1
Dakota, non-commercial	1
Dakota, commercial	3

U. S. Geological Survey
Commissioner of Public Lands
Oil Conservation Commission

January 30, 1978
page two

We have contacted all of the working interest owners and have not received any requests for drilling. Northwest, as Operator, proposes to drill the following well during 1978:

<u>Well No.</u>	<u>Spacing Unit</u>	<u>Formation</u>
68	W/2 Section 25-30N-5W	Mesaverde

The well will be drilled on an intervening drilling block created by the 29th Expansion of the Mesaverde Participating Area, effective April 1, 1977.

Northwest Pipeline Corporation, as Unit Operator, will drill any offset wells that may be required to prevent drainage of unitized substances and any other wells deemed necessary or which are requested by the Unit Operator or the working interest owners.

If this drilling program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to Northwest Pipeline Corporation.

Copies of this drilling program are being sent to the working interest owners as shown on the attached sheet.

Sincerely,

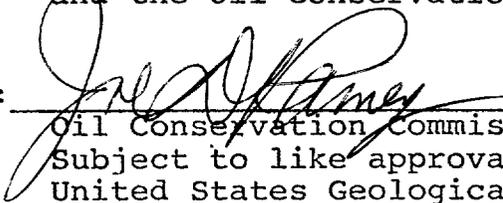


Betty R. Burnett
Supervisor of Contracts and Units

BRB:mk
Enclosures
cc: Working Interest Owners

APPROVED: _____ DATE: _____
Area Oil and Gas Supervisor
United States Geological Survey
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
United States Geological Survey
and the Oil Conservation Commission

APPROVED:  DATE: 2/8/78
Oil Conservation Commission
Subject to like approval by the
United States Geological Survey and
The Commissioner of Public Lands

The foregoing approvals are for the San Juan 30-5 Unit
#14-08-001-346, Rio Arriba County, New Mexico, 1978 Drilling
Program.

SAN JUAN 30-5 UNIT
Working Interest Owners

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

Crown Central Petroleum Corporation
Attention: Mr. O. I. Halbert III
Exploration Manager
Suite 1002, Wilco Building
Midland, Texas 79701

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

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

El Paso Natural Gas Company
Attention: Mr. James R. Permenter
Post Office Box 1492
El Paso, Texas 79978

Lt. Col. Langdon Dewey Harrison,
Trustee for Mrs. Omega E. Quinn
7311 Montgomery, N. E.
Albuquerque, New Mexico 87109

Getty Oil Company
Attention: Mr. J. E. Hofmann
Three Park Central, Suite 700
Denver, Colorado 80202

Coastline Petroleum Co., Inc.
c/o Lone Star Industries, Inc.
2800 Campus Drive
San Mateo, California 94403

NORTHWEST PIPELINE CORPORATION

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

November 14, 1977

Mr. Carl C. Traywick
Assistant Oil and Gas Supervisor
United States Geological Survey
Post Office Drawer 1857
Roswell, New Mexico 88201

Commissioner of Public Lands
State of New Mexico
Attention: Mr. Ray D. Graham
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Commission
State of New Mexico
Attention: Mr. Joe Ramey
Post Office Box 2088
Santa Fe, New Mexico 87501

NOV 13 1977
OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO

70. 4/77

Re: San Juan 30-5 Unit #14-08-001-346
Rio Arriba County, New Mexico
1977 Drilling Program

Gentlemen:

Please be advised that the 1977 Drilling Program for the San Juan 30-5 Unit has been approved by the regulatory agencies on the dates shown below:

Commissioner of Public Lands	September 19, 1977
U.S. Geological Survey	September 30, 1977
Oil Conservation Commission	November 8, 1977

By copy of this letter, all Working Interest Owners are advised of the above approvals.

Sincerely,

Betty R. Burnett
Betty R. Burnett

Supervisor of Contracts and Units

BRB:mk

cc: Working Interest Owners

SAN JUAN 30-5 UNIT
Working Interest Owners

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

Crown Central Petroleum Corporation
Attention: Mr. O. I. Halbert III
Exploration Manager
Suite 1002, Wilco Building
Midland, Texas 79701

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

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

El Paso Natural Gas Company
Attention: Mr. James R. Permenter
Post Office Box 1492
El Paso, Texas 79978

Lt. Col. Langdon Dewey Harrison,
Trustee for Mrs. Omega E. Quinn
7311 Montgomery, N. E.
Albuquerque, New Mexico 87109

Getty Oil Company
Attention: Mr. J. E. Hofmann
Three Park Central, Suite 700
Denver, Colorado 80202

Coastline Petroleum Co., Inc.
c/o Lone Star Industries, Inc.
2800 Campus Drive
San Mateo, California 94403

NOV 13 1977

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

November 8, 1977

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

Attention: Betty R. Burnett

**Re: Case No. 417
San Juan 30-5 Unit
1977 Drilling Program**

Gentlemen:

**We hereby approve the 1977 Drilling Program for the
San Juan 30-5 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 Program are returned
herewith.**

Very truly yours,

**JOE D. RAMEY
Secretary-Director**

**JDR/LT/fd
enc.**

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



United States Department of the Interior

GEOLOGICAL SURVEY

P. O. Drawer 1857
Roswell, New Mexico 88201

03 1977

TI

No. 417

Northwest Pipeline Corporation
Attention: Ms. Betty R. Burnett
One Park Central, Suite 1487
Denver, Colorado 80202

Gentlemen:

One approved copy of your 1977 plan of development for the San Juan 30-5 unit area, Rio Arriba County, New Mexico, is enclosed. Such plan proposing the drilling of two Mesaverde wells on unit lands outside the Mesaverde participating area and one Pictured Cliffs well which, if commercial, would create an initial Pictured Cliffs participating area, was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

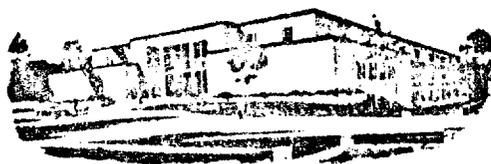
Sincerely yours,

Area Oil and Gas Supervisor

Enclosure

cc: NMOCC, Santa Fe (ltr only) ← This Copy for

State of New Mexico



Commissioner of Public Lands

September 19, 1977

PHIL R. LUCERO
COMMISSIONER

P. O. BOX 1148
SANTA FE, NEW MEXICO 87501

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

No. 417

Re: San Juan 30-5 Unit
Rio Arriba County, New Mexico
1977 Drilling Program

ATTENTION: Betty R. Burnett

Gentlemen:

The Commissioner of Public Lands has this date approved your 1977 Drilling Program for the San Juan 30-5 Unit, Rio Arriba County, New Mexico. Your plan proposes the drilling of wells No. 59, 60 and 62. This approval is subject to like approval by the United States Geological Survey and the New Mexico Oil Conservation Commission.

Enclosed is one approved copy for your files.

Your Three (\$3.00) Dollar filing fee has been received.

Very truly yours,

PHIL R. LUCERO
COMMISSIONER OF PUBLIC LANDS

BY:
RAY D. GRAHAM, Director
Oil and Gas Division
Phone- 505-827-2748

PRL/RDG/s
encls.
cc:

USGS-Albuquerque, New Mexico
USGS-Roswell, New Mexico
OCC- Santa Fe, New Mexico

NORTHWEST PIPELINE CORPORATION

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

October 19, 1977

Mr. Carl C. Traywick
Assistant Oil and Gas Supervisor
United States Geological Survey
Post Office Drawer 1857
Roswell, New Mexico 88201

Commissioner of Public Lands
State of New Mexico
Attention: Mr. Ray D. Graham
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Commission
State of New Mexico
Attention: Mr. Joe Ramey
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: ~~San Juan 30-5 Unit #14-08-001-346~~
Rio Arriba County, New Mexico
NOTICE OF COMPLETION OF ADDITIONAL
MESAVERDE WELLS AND
TWENTY-EIGHTH EXPANDED PARTICIPATING
AREA, Mesaverde Formation,
Effective February 1, 1977

TWENTY-NINTH EXPANDED PARTICIPATING
AREA, Mesaverde Formation,
Effective April 1, 1977

Gentlemen:

Pursuant to Section 11(a) of the San Juan 30-5 Unit Agreement, Northwest Pipeline Corporation, as Unit Operator, determined on the dates indicated below that the following wells which are capable of producing unitized substances in paying quantities from the Mesaverde formation have been completed upon drilling blocks committed to this Unit:

Pertinent Well Data:

The San Juan 30-5 Unit No. 57 Well is located 1190 feet from the North Line and 1040 feet from the East Line, Section 28, Township 30 North, Range 5 West, N.M.P.M., Rio Arriba County, New Mexico. This well

U.S. Geological Survey
Commissioner of Public Lands
Oil Conservation Commission
October 19, 1977
page two

was spudded on December 29, 1976 and completed on January 24, 1977 in the Mesaverde Formation at a plug back depth of 5821'. The Mesaverde Formation was perforated with one hole at each of the following depths: 5398', 5424', 5432', 5440', 5446', 5486', 5492', 5498', 5519', 5595', 5628', 5636', 5642', 5648', 5658', 5696', and 5732'. These perforations were treated with 7-1/2% HCL followed by a sand-water fracturing. The well was shut-in January 24, 1977 for 9 days with a SIPT of 1163 psig and SIPC of 1158 psig. On February 2, 1977, the well was tested and after flowing for three (3) hours through a 48/64 inch variable choke on the 2.375 inch tubing, the well gauged 2969 MCFD with a calculated AOF of 3772 MCFD.

NOTICE OF COMPLETION OF ADDITIONAL WELL AND TWENTY-EIGHTH EXPANDED PARTICIPATING AREA -- Effective February 1, 1977:

<u>Drilling Block</u>	<u>Acres</u>	<u>Well Name and Number</u>
E/2 Section 21-30N-5W	320.00	Intervening Drilling Block created by the completion of the San Juan 30-5 Unit #56

Petinent Well Data is as follows:

The San Juan 30-5 Unit No. 56 Well is located 820 feet from the South Line and 860 feet from the West Line, Section 22, Township 30 North, Range 5 West, N.M.P.M., Rio Arriba County, New Mexico. This well was spudded on November 30, 1976 and completed on December 28, 1976 in the Mesaverde Formation at a plug back depth of 5749'. The Mesaverde Formation was perforated with one hole at each of the following depths: 5352', 5408', 5486', 5572', 5576', 5584', 5590', 5596', 5626', 5634', 5640', 5646', 5652', 5660', 5666', 5724', and 5734'. These perforations were treated with 7-1/2% HCL followed by a sand-water fracturing. The well was shut-in December 28, 1976 for 10 days with a SIPT of 1211 psig and SIPC of 1213 psig. On January 7, 1977, the well was tested and after flowing for three (3) hours through a 48/64 inch variable choke on the 2.375 inch tubing, the well gauged 2385 MCFD with a calculated AOF of 2801 MCFD.

The No. 56 Well was drilled on an intervening drilling block located in the W/2 Section 22, which was created by the drilling of the San Juan 30-5 Unit Well No. 45. Well No. 45, located in the W/2 Section 15-30N-5W, resulted in the Twenty-Sixth Expansion of the Mesaverde Participating Area.

U.S. Geological Survey
Commissioner of Public Lands
Oil Conservation Commission
October 19, 1977
page three

NOTICE OF COMPLETION OF ADDITIONAL WELL AND TWENTY-NINTH EXPANDED PARTICIPATING AREA -- Effective April 1, 1977

<u>Drilling Block</u>	<u>Acres</u>	<u>Well Name and Number</u>
W/2 Section 25-30N-5W	320.00	Intervening Drilling Block created by the completion of San Juan 30-5 Unit #58

Pertinent Well Data is as follows:

The San Juan 30-5 Unit No. 58 Well is located 870 feet from the South Line and 950 feet from the West Line, Section 36, Township 30 North, Range 5 West, N.M.P.M., Rio Arriba County, New Mexico. This well was spudded on January 25, 1977 and completed on February 18, 1977 in the Mesaverde Formation at a plug back depth of 6722'. The Mesaverde Formation was perforated with 30 holes at each of the following intervals: 6616'--6646', 6674'--6684', and 6696'--6706'. These perforations were treated with 7-1/2% HCL followed by a sand-water fracturing. The well was shut-in February 18, 1977 for 10 days with a SIPT of 1101 psig and SIPC of 1102 psig. On March 1, 1977, the well was tested and after flowing for three (3) hours through a 48/64 inch variable choke on the 2.375 inch tubing, the well gauged 1558 MCFD with a calculated AOF of 1746 MCFD.

The No. 58 Well was drilled on an intervening drilling block located in the W/2 Section 36, which was created by the San Juan 30-5 Unit Well No. 46. Well No. 46, located in the E/2 Section 36, resulted in the Twenty-Seventh Expansion of the Mesaverde Participating Area.

Attached are Schedules XXIX and XXX and ownership map showing the Twenty-Eighth and Twenty-Ninth Expanded Participating Areas for the Mesaverde formation of the San Juan 30-5 Unit Area. Each Schedule describes its respective Expanded Participating Area and shows the percentage of unitized substances allocated to each tract. Inasmuch as this needs no official approval, in the absence of disapproval, the subject expansions are effective as follows:

<u>Expansion</u>	<u>Date</u>
Twenty-Eighth	February 1, 1977
Twenty-Ninth	April 1, 1977

U.S. Geological Survey
Commissioner of Public Lands
Oil Conservation Commission
October 19, 1977
page four

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

Sincerely,



Betty R. Burnett
Supervisor of Contracts and Units

BRB:me

Enclosures
Attachment

cc: Working Interest Owners

SAN JUAN 30-5 UNIT
Working Interest Owners

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

Crown Central Petroleum Corporation
Attention: Mr. O. I. Halbert III
Exploration Manager
Suite 1002, Wilco Building
Midland, Texas 79701

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

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

El Paso Natural Gas Company
Attention: Mr. James R. Permenter
Post Office Box 1492
El Paso, Texas 79978

Lt. Col. Langdon Dewey Harrison,
Trustee for Mrs. Omega E. Quinn
7311 Montgomery, N. E.
Albuquerque, New Mexico 87109

Getty Oil Company
Attention: Mr. J. E. Hofmann
Three Park Central, Suite 700
Denver, Colorado 80202

Coastline Petroleum Co., Inc.
c/o Lone Star Industries, Inc.
2800 Campus Drive
San Mateo, California 94403

SCHEDULE XXIX
 TWENTY-EIGHTH EXPANDED PARTICIPATING AREA FOR THE MESAVERDE FORMATION
 SAN JUAN 30-5 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PRESENT PARTICIPATION
			OWNERSHIP	PERCENTAGE COMMITTED	
<u>TRACT 1</u>					
012331	T-30-N, R-5-W Sec. 31: N/2	320.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;	12.50% 82.50% 5.00% <u>100.00%</u>	2.233417%
<u>TRACT 2</u>					
012332	T-30-N, R-5-W Sec. 35: E/2	320.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;	12.50% 83.00% 4.50% <u>100.00%</u>	2.233417%
<u>TRACT 3</u>					
078738	T-30-N, R-5-W Sec. 23: All Sec. 26: NE/4 SW/4 & E/2 Sec. 27: SW/4 & E/2 NW/4 & NE/4 & NW/4 SE/4 & S/2 SE/4	1520.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;	12.50% 82.50% 5.00% <u>100.00%</u>	10.608732%
<u>TRACT 3-A</u>					
078738	T-30-N, R-5-W Sec. 26: NW/4	160.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;	12.50% 84.00% 3.50% <u>100.00%</u>	1.116709%

EFFECTIVE February 1, 1977

SCHEDULE XXIX

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PRESENT ACT PARTICIPAT
			OWNERSHIP	PERCENTAGE	
078739	T-30-N, R-5-W Sec. 21: SW/4 & E/2 Sec. 22: E/2	800.00	Royalty;	12.50%	5.583543%
			Working Interest;	84.50%	
			Northwest Pipeline Corp.,	3.00%	
			ORRI;	<u>100.00%</u>	
TOTAL					
078739	T-30-N, R-5-W Sec. 22: W/2	320.00	Royalty;	12.50%	2.233417%
			Working Interest;	85.00%	
			Northwest Pipeline Corp.;	2.50%	
			ORRI;	<u>100.00%</u>	
TOTAL					
078739	T-30-N, R-5-W Sec. 33: W/2	320.00	Royalty;	12.50%	2.233417%
			Working Interest;	86.00%	
			Northwest Pipeline Corp.;	1.50%	
			ORRI;	<u>100.00%</u>	
TOTAL					
078739	T-30-N, R-5-W Sec. 28: S/2 & NW/4 & W/2 NE/4	560.00	Royalty;	12.50%	3.908480%
			Working Interest;	86.50%	
			Northwest Pipeline Corp.,	1.00%	
			ORRI;	<u>100.00%</u>	
TOTAL					
078740	T-30-N, R-5-W Sec. 19: N/2 Sec. 20: All Sec. 29: N/2 NW/4 & SW/4 NW/4	1080.00	Royalty;	12.50%	7.537783%
			Working Interest;	82.50%	
			Northwest Pipeline Corp.,	5.00%	
			ORRI;	<u>100.00%</u>	
TOTAL					

SCHEDULE XXIX

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PRESENT PARTIC	
			OWNERSHIP	PERCENTAGE		
F 078740	T-30-N, R-5-W	800.00				
	Sec. 29: S/2 & SE/4 NW/4, W/2 NE/4, SE/4 NE/4		Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;	12.50%	12.50%	5.5835438
	Sec. 30: E/2		TOTAL	4.50%	100.00%	
			TRACT 5-A			
SF 078740	T-30-N, R-5-W	320.00				
	Sec. 30: W/2		Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;	12.50%	12.50%	2.233417
			TOTAL	3.00%	100.00%	
			TRACT 5-B			
SF 078994	T-30-N, R-5-W	1080.00				
	Sec. 15: SW/4, NW/4		Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;	12.50%	12.50%	7.537783
	Sec. 17: SW/4, S/2 NW/4		TOTAL	82.50%	100.00%	
	Sec. 18: All		TRACT 6	5.00%	100.00%	
SF 078997	T-30-N, R-5-W	1280.00				
	Sec. 6: S/2 SE/4, SE/4 SW/4		Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;	12.50%	12.50%	8.933669
	Sec. 7: N/2, N/2 SE/4, SE/4 SE/4, NW/4 SW/4		TOTAL	82.50%	100.00%	
	Sec. 8: NW/4, N/2 SW/4		TRACT 7	5.00%	100.00%	
Sec. 9: W/2						
Sec. 15: E/2 NW/4, NW/4 NW/4						

SCHEDULE XXIX

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PRESENT PARTICIPATION
			OWNERSHIP	PERCENTAGE	
080066	T-30-N, R-5-W	838.43	Royalty; Working Interest; Northwest Pipeline Corp.;	12.50%	12.50%
	Sec. 6: Lots 8, 9, 10, 11 & S/2 N/2 & N/2 S/2 & SW/4 SW/4			82.50%	82.50%
	Sec. 5: Lots 7, 8 & S/2 NW/4 & SW/4			5.00%	5.00%
	TOTAL			100.00%	100.00%
012335	T-30-N, R-5-W	320.00	Royalty; Working Interest; Northwest Pipeline Corp.;	12.50%	12.50%
	Sec. 31: S/2			82.50%	82.50%
	TOTAL			5.00%	5.00%
	TOTAL			100.00%	100.00%
080537	T-30-N, R-5-W	320.00	Royalty; Working Interest; El Paso Natural Gas Co.;	12.500%	12.500%
	Sec. 24: W/2			83.125%	83.125%
	TOTAL			4.375%	4.375%
	TOTAL			100.000%	100.000%
080533	T-30-N, R-5-W	640.00	Royalty; Working Interest; El Paso Natural Gas Co.;	12.500%	12.500%
	Sec. 11: E/2			83.125%	83.125%
	Sec. 14: E/2			4.375%	4.375%
	TOTAL			100.000%	100.000%

Effective February 1, 1977

SCHEDULE XXIX

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PRESENT PARTIAL	
			OWNERSHIP	PERCENTAGE		
<u>TRACT 15</u>						
SF 080538	T-30-N, R-5-W Sec. 12: Lots 1, 2 & 68.63 SW/4 NE/4		Royalty; Working Interest; Coastline Petroleum Company, Inc. (by virtue of Farmout from El Paso Natural Gas Company) ORRI;	12.500%	12.500%	0.478998
			81.125% 6.375% <u>100.000%</u>		81.125% 6.375% <u>100.000%</u>	
			TOTAL			
<u>TRACT 17</u>						
E-347-41	T-30-N, R-5-W Sec. 16: NE/4	160.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;	12.50%	12.50%	1.116709
			87.50% .00% <u>100.00%</u>		87.50% .00% <u>100.00%</u>	
			TOTAL			
<u>TRACT 17-A</u>						
E-347-40	T-30-N, R-5-W Sec. 16: N/2 NW/4	80.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;	12.50%	12.50%	0.55835
			82.75% 4.75% <u>100.00%</u>		82.75% 4.75% <u>100.00%</u>	
			TOTAL			

SCHEDULE XXIX

TRIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTI PARTICIPAT
			OWNERSHIP	PERCENTAGE		
<u>TRACT 17-B</u>						
347-36	T-30-N, R-5-W Sec. 32: NW/4	160.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;	12.50% 82.50% 5.00% <u>100.00%</u>	12.50% 82.50% 5.00% <u>100.00%</u>	1.116709%
<u>TRACT 17-C</u>						
347-37	T-30-N, R-5-W Sec. 32: NE/4	160.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;	12.50% 85.50% 2.00% <u>100.00%</u>	12.50% 85.50% 2.00% <u>100.00%</u>	1.116709%
<u>TRACT 17-D</u>						
347-40	T-30-N, R-5-W Sec. 16: S/2 NW/4	80.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;	12.50% 82.50% 5.00% <u>100.00%</u>	12.50% 82.50% 5.00% <u>100.00%</u>	0.558354%
<u>TRACT 17 D-1</u>						
347-17	T-30-N, R-5-W Sec. 36: NW/4	160.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;	12.50% 82.50% 5.00% <u>100.00%</u>	12.50% 82.50% 5.00% <u>100.00%</u>	1.116709%

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PRESENT ACTU PARTICIPATI
			OWNERSHIP	PERCENTAGE	
-347-38	T-30-N, R-5-W Sec. 36: SW/4	160.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;	12.50% 85.00% 2.50% <u>100.00%</u>	1.116709%
<u>TRACT 17-E</u>					
-347-39	T-30-N, R-5-W Sec. 16: S/2 Sec. 32: S/2 Sec. 36: Lots 1,2,3,4 & W/2 E/2	860.76	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;	12.50% 82.50% 5.00% <u>100.00%</u>	6.007613%
<u>TRACT 17-F</u>					
ee	T-30-N, R-5-W Sec. 8: E/2	320.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;	12.50% 87.50% .00% <u>100.00%</u>	2.233417%
<u>TRACT 18</u>					
ee	T-30-N, R-5-W Sec. 7: S/2 SW/4 & NE/4 SW/4 & SW/4 SE/4	160.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;	12.50% 87.50% .00% <u>100.00%</u>	1.116709%
<u>TRACT 19</u>					

SCHEDULE XXIX

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PRESENT AC- PARTICIPAT
			OWNERSHIP	PERCENTAGE	
<u>TRACT 20</u>					
Fee	T-30-N, R-5-W Sec. 17: NE/4	160.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;	12.50% 87.50% .00% <u>100.00%</u>	1.116709%
<u>TRACT 21</u>					
Fee	T-30-N, R-5-W Sec. 17: SE/4	160.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;	12.50% 87.50% .00% <u>100.00%</u>	1.116709%
<u>TRACT 22</u>					
Fee	T-30-N, R-5-W Sec. 21: NW/4	160.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;	12.50% 87.50% .00% <u>100.00%</u>	1.116709%
<u>TRACT 23</u>					
Fee	T-30-N, R-5-W Sec. 27: W/2 NW/4	80.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;	12.50% 87.50% .00% <u>100.00%</u>	0.558354%

Effective February 1, 1977

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PRESENT AC PARTICIPA
			OWNERSHIP	PERCENTAGE	
<u>TRACT 23-A</u>					
Fee	T-30-N, R-5-W Sec. 28: E/2 NE/4	80.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;	12.50% 87.50% .00% 100.00%	0.558354%
<u>TRACT 24</u>					
Fee	T-30-N, R-5-W Sec. 26: W/2 SW/4 & SE/4 SW/4 Sec. 27: NE/4 SE/4	160.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;	12.50% 87.50% .00% 100.00%	1.116709%
<u>TRACT 25</u>					
Fee	T-30-N, R-5-W Sec. 8: S/2 SW/4 Sec. 17: N/2 NW/4 (Except 4.00 acres)	156.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;	12.50% 87.50% .00% 100.00%	1.088791%
<u>TRACT 25-A</u>					
Fee	T-30-N, R-5-W Sec. 17: A Tract of Land 1200' long by 450' wide lying in the NW/4 of Sec. 17	4.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;	12.50% 87.50% .00% 100.00%	0.027918%

Effective February 1, 1977

UNIT AREA EXPANSION SCHEDULE

SCHEDULE XXIX

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATING
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RECAPITULATION

Township 30 North, Range 5 West, N.M.P.M.

Sections 6, 7, 8, 16, 17, 18, 20, 21, 22, 23, 26, 27, 28, 30, 31, 32, 36: All
 Sections 5, 9, 16, 24, 33: W/2
 Sections 11, 14, 19, 35: E/2
 Section 12: Lots 1, 2, SW/4 NE/4
 Section 29: W/2 & SE/4 & NW/4 NE/4 & S/2 NE/4

Total Number of Acres in Participating Area: 14,327.82
 Total Number of Acres Committed to Participating Area: 14,327.82

TWENTY-NINTH EXPANDED PARTICIPATING AREA FOR THE MESAVERDE FORMATION
SAN JUAN 30-5 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATIO
<u>TRACT 1</u>						
NM 012331	T-30-N, R-5-W Sec. 31: N/2	320.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;		12.50% 12.50% 5.00% <u>100.00%</u>	2.184626%
<u>TRACT 2</u>						
NM 012332	T-30-N, R-5-W Sec. 35: E/2	320.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;		12.50% 83.00% 4.50% <u>100.00%</u>	2.184626%
<u>TRACT 3</u>						
SF 078738	T-30-N, R-5-W Sec. 23: All Sec. 25: W/2 Sec. 26: NE/4 SW/4 & E/2 Sec. 27: SW/4 & E/2 NW/4 & NE/4 & NW/4 SE/4 & S/2 SE/4	1840.00	Royalty; Working Interest; Northwest Pipeline Corp. ORRI;		12.50% 82.50% 5.00% <u>100.00%</u>	12.561598%
<u>TRACT 3-A</u>						
SF 078738	T-30-N, R-5-W Sec. 26: NW/4	160.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;		12.50% 84.00% 3.50% <u>100.00%</u>	1.092312%

Effective April 1, 1977

SCHEDULE XXX

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PRESENT ACT PARTICIPAT
			OWNERSHIP	PERCENTAGE COMMITTED	
<u>TRACT 4</u>					
F078739	T-30-N, R-5-W Sec. 21: SW/4 & E/2 Sec. 22: E/2	800.00	Royalty; Working Interest; Northwest Pipeline Corp., ORRI;	12.50% 84.50% 3.00% <u>100.00%</u>	5.4615648
	TOTAL				
F078739	T-30-N, R-5-W Sec. 22: W/2	320.00	Royalty; Working Interest; Northwest Pipeline Corp., ORRI;	12.50% 85.00% 2.50% <u>100.00%</u>	2.1846268
	TOTAL				
F078739	T-30-N, R-5-W Sec. 33: W/2	320.00	Royalty; Working Interest; Northwest Pipeline Corp., ORRI;	12.50% 86.00% 1.50% <u>100.00%</u>	2.1846268
	TOTAL				
F078739	T-30-N, R-5-W Sec. 28: S/2 & NW/4 & W/2 NE/4	560.00	Royalty; Working Interest; Northwest Pipeline Corp., ORRI;	12.50% 86.50% 1.00% <u>100.00%</u>	3.823095
	TOTAL				
<u>TRACT 5</u>					
F078740	T-30-N, R-5-W Sec. 19: E/2 Sec. 20: All Sec. 29: N/2 NW/4 & SW/4 NW/4	1080.00	Royalty; Working Interest; Northwest Pipeline Corp., ORRI;	12.50% 82.50% 5.00% <u>100.00%</u>	7.373111
	TOTAL				

SCHEDULE XXX

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT PARTI
			OWNERSHIP	PERCENTAGE		
078740	T-30-N, R-5-W	800.00	Royalty;	12.50%	12.50%	5.461564%
	Sec. 29: S/2 & SE/4 NW/4, W/2 NE/4, SE/4 NE/4		Working Interest;	83.00%	83.00%	
			Northwest Pipeline Corp.;	4.50%	4.50%	
	Sec. 30: E/2		ORRI;	<u>100.00%</u>	<u>100.00%</u>	
<u>TRACT 5-A</u>						
078740	T-30-N, R-5-W	320.00	Royalty;	12.50%	12.50%	2.184626%
	Sec. 30: W/2		Working Interest;	84.50%	84.50%	
			Northwest Pipeline Corp.;	3.00%	3.00%	
			ORRI;	<u>100.00%</u>	<u>100.00%</u>	
<u>TRACT 5-B</u>						
078994	T-30-N, R-5-W	1080.00	Royalty;	12.50%	12.50%	7.373111%
	Sec. 15: SW/4, SW/4 NW/4		Working Interest;	82.50%	82.50%	
	Sec. 17: SW/4, S/2 NW/4		Northwest Pipeline Corp.;	5.00%	5.00%	
	Sec. 18: All		ORRI;	<u>100.00%</u>	<u>100.00%</u>	
<u>TRACT 6</u>						
078997	T-30-N, R-5-W	1280.00	Royalty;	12.50%	12.50%	8.73850%
	Sec. 6: S/2 SE/4, SE/4 SW/4		Working Interest;	82.50%	82.50%	
	Sec. 7: N/2, N/2 SE/4, SE/4 SE/4, NW/4 SW/4		Northwest Pipeline Corp.;	5.00%	5.00%	
	Sec. 8: NW/4, N/2 SW/4		ORRI;	<u>100.00%</u>	<u>100.00%</u>	
Sec. 9: W/2						
Sec. 15: E/2 NW/4, NW/4 NW/4						

SCHEDULE XXX

TRACTIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PRESENT PARTICI
			OWNERSHIP	PERCENTAGE	
<u>TRACT 11</u>					
080066	T-30-N, R-5-W Sec. 6: Lots 8, 9, 10, 11 & S/2 N/2 & N/2 S/2 & SW/4 SW/4 Sec. 5: Lots 7, 8 & S/2 NW/4 & SW/4	838.43	Royalty; Working Interest; Northwest Pipeline Corp.;	12.50% 82.50% 5.00% <u>100.00%</u>	5.723924%
<u>TRACT 12</u>					
012335	T-30-N, R-5-W Sec. 31: S/2	320.00	Royalty; Working Interest; Northwest Pipeline Corp.;	12.50% 82.50% 5.00% <u>100.00%</u>	2.184626%
<u>TRACT 14</u>					
080537	T-30-N, R-5-W Sec. 24: W/2	320.00	Royalty; Working Interest; El Paso Natural Gas Co.;	12.500% 83.125% 4.375% <u>100.000%</u>	2.184626%
<u>TRACT 15</u>					
080538	T-30-N, R-5-W Sec. 11: E/2 Sec. 14: E/2	640.00	Royalty; Working Interest; El Paso Natural Gas Co.;	12.500% 83.125% 4.375% <u>100.000%</u>	4.369251

Effective April 1, 1977

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESE PART
			OWNERSHIP	PERCENTAGE		
<u>TRACT 15</u>						
SF 060538	T-30-N, R-5-W Sec. 12: Lots 1, 2 & 68.63 SW/4 NE/4		Royalty; Working Interest; Coastline Petroleum Company, Inc. (by virtue of Farmout from El Paso Natural Gas Company) ORRI;	12.500%	12.500%	0.468533
			81.125% 6.375% <u>100.000%</u>		81.125% 6.375% <u>100.000%</u>	
			TOTAL			
<u>TRACT 17</u>						
E-347-41	T-30-N, R-5-W Sec. 16: NE/4	160.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;	12.50%	12.50%	1.09231
			87.50% .00% <u>100.00%</u>		87.50% .00% <u>100.00%</u>	
			TOTAL			
<u>TRACT 17-A</u>						
E-347-40	T-30-N, R-5-W Sec. 16: N/2 NW/4	80.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;	12.50%	12.50%	0.54611
			82.75% 4.75% <u>100.00%</u>		82.75% 4.75% <u>100.00%</u>	
			TOTAL			

SCHEDULE XXX

TRIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PRESENT AC PARTICIPA
			OWNERSHIP	PERCENTAGE	
<u>TRACT 17-B</u>					
47-36	T-30-N, R-5-W Sec. 32: NW/4	160.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;	12.50% 82.50% 5.00% <u>100.00%</u>	1.092312%
<u>TRACT 17-C</u>					
47-37	T-30-N, R-5-W Sec. 32: NE/4	160.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;	12.50% 85.50% 2.00% <u>100.00%</u>	1.092312%
<u>TRACT 17-D</u>					
47-40	T-30-N, R-5-W Sec. 16: S/2 NW/4	80.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;	12.50% 82.50% 5.00% <u>100.00%</u>	0.546156%
<u>TRACT 17 D-1</u>					
47-17	T-30-N, R-5-W Sec. 36: NW/4	160.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;	12.50% 82.50% 5.00% <u>100.00%</u>	1.092312%

Effective April 1, 1977

SCHEDULE XXX

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PRESENT ACT PARTICIPAT
			OWNERSHIP	PERCENTAGE	
<u>TRACT 17-E</u>					
347-38	T-30-N, R-5-W Sec. 36: SW/4	160.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;	12.50% 85.00% 2.50% <u>100.00%</u>	1.092312%
<u>TRACT 17-F</u>					
347-39	T-30-N, R-5-W Sec. 16: S/2 Sec. 32: S/2 Sec. 36: Lots 1,2,3,4 & W/2 E/2	860.76	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;	12.50% 82.50% 5.00% <u>100.00%</u>	5.876370%
<u>TRACT 18</u>					
	T-30-N, R-5-W Sec. 8: E/2	320.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;	12.50% 87.50% .00% <u>100.00%</u>	2.184626%
<u>TRACT 19</u>					
	T-30-N, R-5-W Sec. 7: S/2 SW/4 & NE/4 SW/4 & SW/4 SE/4	160.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;	12.50% 87.50% .00% <u>100.00%</u>	1.092312%

SCHEDULE XXX

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT AC PARTICIPA
			OWNERSHIP	PERCENTAGE		
<u>TRACT 20</u>						
	T-30-N, R-5-W Sec. 17: NE/4	160.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;	12.50% 87.50% .00% <u>100.00%</u>	12.50% 87.50% .00% <u>100.00%</u>	1.092312%
<u>TRACT 21</u>						
	T-30-N, R-5-W Sec. 17: SE/4	160.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;	12.50% 87.50% .00% <u>100.00%</u>	12.50% 87.50% .00% <u>100.00%</u>	1.092312%
<u>TRACT 22</u>						
	T-30-N, R-5-W Sec. 21: NW/4	160.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;	12.50% 87.50% .00% <u>100.00%</u>	12.50% 87.50% .00% <u>100.00%</u>	1.092312%
<u>TRACT 23</u>						
	T-30-N, R-5-W Sec. 27: W/2 NW/4	80.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;	12.50% 87.50% .00% <u>100.00%</u>	12.50% 87.50% .00% <u>100.00%</u>	0.546156%

Effective April 1, 1977

SCHEDULE XXX

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PRESENT A PARTICIP	
			OWNERSHIP	PERCENTAGE		
cc	T-30-N, R-5-W	80.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;	12.50%	12.50%	0.546156
	Sec. 28: E/2 NE/4			87.50%	87.50%	
	TOTAL			100.00%	100.00%	
	<u>TRACT 23-A</u>					
cc	T-30-N, R-5-W	160.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;	12.50%	12.50%	1.092312
	Sec. 26: W/2 SW/4 & SE/4 SW/4			87.50%	87.50%	
	Sec. 27: NE/4 SE/4			100.00%	100.00%	
	<u>TRACT 24</u>					
cc	T-30-N, R-5-W	156.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;	12.50%	12.50%	1.065005
	Sec. 8: S/2 SW/4			87.50%	87.50%	
	Sec. 17: N/2 NW/4 (Except 4.00 acres)			100.00%	100.00%	
	<u>TRACT 25</u>					
cc	T-30-N, R-5-W	4.00	Royalty; Working Interest; Northwest Pipeline Corp.; ORRI;	12.50%	12.50%	0.02730
	Sec. 17: A Tract of Land 1200' long by 450' wide lying in the NW/4 of Sec. 17			87.50%	87.50%	
	TOTAL			100.00%	100.00%	
	<u>TRACT 25-A</u>					

Effective April 1, 1977

SCHEDULE XXX

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
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RECAPITULATION

Township 30 North, Range 5 West, N.M.P.M.

Sections 6, 7, 8, 16, 17, 18, 20, 21, 22, 23, 26, 27, 28, 30, 31, 32, 36: All
 Sections 5, 9, 16, 24, 25, 33: W/2
 Sections 11, 14, 19, 35: E/2
 Section 12: Lots 1, 2, SW/4 NE/4
 Section 29: W/2 & SE/4 & NW/4 NE/4 & S/2 NE/4

Total Number of Acres in Participating Area: 14,647.82
 Total Number of Acres Committed to Participating Area: 14,647.82