

EXHIBIT "D"

TABLE NO. 1

SAN JUAN 30-5 UNIT: DAKOTA GAS PRODUCTION
RIO ARriba COUNTY, NEW MEXICO

GAS VOLUMES IN MCF @ 14.73 PSIA & 60° F

UNIT WELL NO.	LOCATION	I.D. DATE	1979	1980	MAR 81	APR 81	MAY 81	JUN 81	JUL 81	AUG 81	SEP 81	OCT 81	NOV 81	DEC 81	JAN 82	FEB 82	CUMULATIVE PRODUCTION TO 3-1-82
50	6-30N-5M	07-81	---	---	---	---	---	---	---	3519	3803	8791	8566	7948	7945	5923	46495
39	7-30N-5M	07-77	31480	25023	2137	1840	1286	144	0	0	0	2761	2960	2899	2816	2371	146581
37	8-30N-5M	02-74	38972	32468	1021	3900	2746	276	3552	2915	0	4829	3036	3482	3795	2987	555037
70	9-30N-5M	08-81	---	---	---	---	---	---	---	5946	10510	8129	3850	9132	7278	5556	50401
49	9-30N-5M	09-81	---	---	---	---	---	---	---	---	---	---	---	4233	6127	4163	14523
72	10-30N-5M	12-81	---	---	---	---	---	---	---	---	---	---	---	---	28520	8882	37402
73	10-30N-5M	09-81	---	---	---	---	---	---	---	---	9294	11042	3652	8067	5650	5284	42989
52	15-30N-5M	09-81	---	---	---	---	---	---	---	---	---	8621	3661	5761	8218	8214	34475
53	16-30N-5M	06-81	---	---	---	---	---	83	15257	14407	13495	15312	13455	9213	12150	10248	103620
47	17-30N-5M	07-77	64124	48046	5549	4267	4442	449	0	0	0	0	8553	4454	7078	5168	289358
38	18-30N-5M	06-81	---	---	---	---	---	354	11682	980	0	14218	9360	7696	5559	5834	55683
6	19-30N-5M	D & A	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
48	20-30N-5M	06-81	---	---	---	---	---	---	540	6647	26205	36229	27989	24933	22810	18360	163713
27*	20-30N-5M	05-60	7726	8909	1185	583	624	47	759	499	261	1007	794	679	689	765	262219
51	21-30N-5M	06-81	---	---	---	---	---	---	---	11213	16276	14130	14334	11391	10599	9378	87321
71	22-30N-5M	10-81	---	---	---	---	---	---	---	---	---	465	9287	7518	4525	4814	26609
28	23-30N-5M	D & A	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

ELIMINATED ACREAGE

Carson #1	1-30N-5M(A11)	06-70	45998	48048	3828	3645	3527	638	0	4960	4555	4061	3579	3971	3756	3161	574866
Schalk 54-1	2-30N-5M(A11)	10-74	40720	40899	3460	2913	3411	769	1334	5395	3873	3790	3901	3720	3039	2701	343545
Schalk 54-1E	2-30N-5M(A11)	11-81	---	---	---	---	---	---	---	---	---	---	10397	11691	11319	7896	41303
Schalk 55-1	3-30N-5M(Part)	10-74	13562	12119	920	1147	1059	281	621	1154	1141	968	896	906	963	750	141929
Catdraw #1	4-30N-5M(Part)	04-69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	189631
Schalk 57-1	12-30N-5M(Part)	10-74	58912	56562	4706	4192	4577	1241	1983	5348	4548	4586	4429	4361	4237	3833	491418
Schalk 57-1E	12-30N-5M(Part)	11-81	---	---	---	---	---	---	---	---	---	---	7509	8740	10680	8260	35189

*Non-commercial

State of New Mexico



JIM BACA
COMMISSIONER



Commissioner of Public Lands

June 17, 1983

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

Northwest Pipeline Corporation
1125 Seventeenth Street, Suite 2140
Denver, Colorado 80202

Re: San Juan 30-5 Unit
APPLICATION FOR APPROVAL OF THE
SECOND EXPANDED PARTICIPATING AREA
Pictured Cliffs Formation
Effective November 1, 1981

ATTENTION: Kathy Michael

Gentlemen:

This office is in receipt of three copies of the Second Expanded Participating Area for the Pictured Cliffs Formation, for the San Juan 30-5 Unit, Rio Arriba County, New Mexico. The Second Expanded Participating Area is 320.00 acres described as the W/2 of Section 34, Township 30 North, Range 5 West and is based upon the completion of the unit well No. 74. The effective date is November 1, 1981.

Inasmuch as this needs no official approval we have this date filed it in our unit file. Enclosed is one copy for your files reflecting the date received in this office.

Very truly yours,

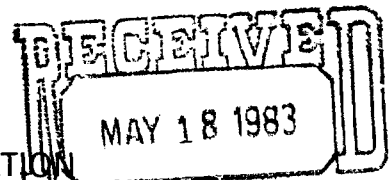
JIM BACA
COMMISSIONER OF PUBLIC LANDS

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
BLM-Roswell, New Mexico

NORTHWEST PIPELINE CORPORATION



OIL CONSERVATION DIVISION

SANTA FE

1125 Seventeenth Street, Suite 2140
Denver, Colorado 80202
303-292-4906

LAND DEPARTMENT

April 26, 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

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
APPLICATION FOR APPROVAL OF THE
SECOND EXPANDED PARTICIPATING AREA
Pictured Cliffs Formation
Effective November 1, 1981

Gentlemen:

Pursuant to Section 11(a) of the San Juan 30-5 Unit Agreement, Northwest Pipeline Corporation, as Unit Operator, determined on the date indicated below that the following well, which is capable of producing unitized substances in paying quantities from the Pictured Cliffs Formation, has been completed upon a Drilling Block committed to this Unit:

SECOND EXPANDED PARTICIPATING AREA - Effective November 1, 1981

<u>Description of Lands</u>	<u>Acres</u>	<u>Well Name</u>
Township 30 North, Range 5 West Section 34: W $\frac{1}{2}$	320.00	San Juan 30-5 Unit No. 74

The well data is as follows:

The San Juan Unit #74 Well is located 1980 feet from the south line and 2100 feet from the west line, Section 34, Township 30 North, Range 5 West, N.M.P.M., Rio Arriba County, New Mexico. This well was spudded on June 27, 1981 and completed on October 19, 1981 in the Pictured Cliffs Formation at a plug back depth of 3910'. The Pictured Cliffs Formation was perforated with 37 holes at depths of:

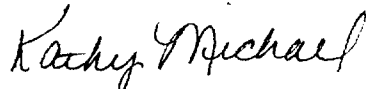
3758' to 3846'

These perforations were treated with 5,000 gallons pad slick water followed by a sand-water fracturing. The well was shutin with a SIPT of 1153 psig and SIPC of 1153 psig. On October 19, 1981, the well was tested and after flowing for three (3) hours through a 2 x .750 inch variable choke on the 1 1/4 inch tubing, the well gauged 1025 MCFD with a calculated AOF of 1147 MCFD.

Attached is Schedule III and Ownership Map showing the Second Expanded Participating Area for the Pictured Cliffs Formation of the San Juan 30-5 Unit Area. This Schedule describes the Participating Area and shows the percentage of unitized substances allocated to each unitized tract. Inasmuch as this needs no official approval, no provision is made therefor, and in the absence of dis-approval, this Second Expanded Participating Area will become effective November 1, 1981.

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

Very truly yours,



Kathy Michael
Supervisor/Land Department

KM:bs
Attachments
CC: Working Interest Owners

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

SCHEDULE III
SECOND EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION
SAN JUAN 30-5 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
<u>TRACT 1</u>							
NM-012331	<u>T-30-N, R-5-W</u> <u>Sec. 31: N/2</u>	320.00	Royalty; Working Interest: Northwest Pipeline Corp.; ORRI;		12.500000%	12.500000%	<u>33.333333%</u>
			Total		<u>100.000000%</u>	<u>100.000000%</u>	
<u>TRACT 2</u>							
NM-012332	<u>T-30-N, R-5-W</u> <u>Sec. 34: W/2</u>	320.00	Royalty; Working Interest: Northwest Pipeline Corp.; ORRI;		12.500000%	12.500000%	<u>33.333333%</u>
			Total		<u>100.000000%</u>	<u>100.000000%</u>	
<u>TRACT 12</u>							
NM-012335	<u>T-30-N, R-5-W</u> <u>Sec. 31: S/2</u>	320.00	Royalty; Working Interest: Northwest Pipeline Corp.; ORRI;		12.500000%	12.500000%	<u>33.333333%</u>
			Total		<u>100.000000%</u>	<u>100.000000%</u>	

Effective November 1, 1981

SCHEDULE III
SECOND EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION
SAN JUAN 30-5 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	<u>DRILLING BLOCK</u>	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
<u>R E C A P I T U L A T I O N</u>							
	Township 30 North, Range 5 West						
	Section 31: All						
	Section 34: W $\frac{1}{2}$						
	Total Number of Acres in Participating Area					960.00	
	Total Number of Acres Committed to Participating Area					960.00	