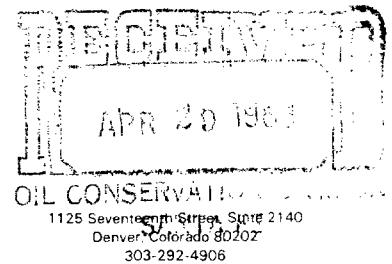


NORTHWEST PIPELINE CORPORATION

LAND DEPARTMENT

Case 418



April 18, 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 29-5 Unit #14-08-001-437
Rio Arriba County, New Mexico
NOTICE OF COMPLETION OF
NON-COMMERCIAL WELLS
Pictured Cliffs Formation

Gentlemen:

Pursuant to Section 11(a) of the San Juan 29-5 Unit Agreement, Northwest Pipeline Corporation, as Unit Operator, has determined that the following described wells are incapable of producing unitized substances in paying quantities from the Pictured Cliffs Formation.

The well data is as follows:

The San Juan 29-5 #101 Well is located 1050 feet from the north line and 1970 feet from the east line, Section 26, Township 29 North, Range 5 West, N.M.P.M., Rio Arriba County, New Mexico. This well was spudded on March 31, 1981 and completed on June 30, 1981 in the Pictured Cliffs Formation at a plug back depth of 3970'. The Pictured Cliffs Formation was perforated with 12 holes between the depths of:

3793' to 3934'

These perforations were treated with 1793 bbls total fluid, followed by a sand-water fracturing. The well was shut-in with a SIPT of 36 psig and SIPC of 282 psig. On June 13, 1981, the well was tested and after flowing for 3 hours through a 2 inch variable choke on the .750 inch tubing, the well gauged 591 MCFD with a calculated AOF of 628 MCFD.

The San Juan 29-5 #103 Well is located 1570 feet from the west line and 1820 feet from the south line, Section 4, Township 29 North, Range 5 West, N.M.P.M., Rio Arriba County, New Mexico. This well was spudded on February 23, 1981 and completed on September 22, 1981, in the Pictured Cliffs Formation at a plug back depth of 3695'. The Pictured Cliffs Formation was perforated with nine holes between each of the following depths:

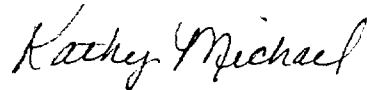
3426' to 3456'

These perforations were treated with 5000 gallons fluid followed by a sand-water fracturing. The well was shut-in with a SIPC of 1196 psig. This is a tubingless completion. On September 22, 1981, the well was tested and after flowing for three hours through a 2 3/4 inch variable choke on the 4.551 inch casing, the well gauged 238 MCFD with a calculated AOF of 238 MCFD.

Inasmuch as these determinations require no official approval, no provision is made therefor and in the absence of disapproval, these wells will continue to be considered non-commercial subject to the understanding that they may be subsequently admitted to the Pictured Cliffs Participating Area should further operations or testing prove them to be commercial.

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

Very truly yours,



Kathy Michael
Supervisor/Land Department

KM:bs
Attachment
CC: Working Interest Owners

SAN JUAN 29-5 UNIT
WORKING INTEREST OWNERS

Sun Gas Division
Sun Exploration & Production Co.
P. O. Box 20
Dallas, Texas 75221

Ms. Mabelle M. Miller
Corinne Miller Gay Trust
Maydell Miller Mast Trust
James M. Raymond
1224 Lois Street
P. O. Box 1445
Kerrville, Texas 78028

Koch Industries
P. O. Box 2256
Wichita, Kansas 67201

General American Oil Co. of Texas
Attn: Mr. L. E. Dooley
Meadows Building
Dallas, Texas

Amoco Production Company
Attn: J. C. Burnside
1670 Broadway - Suite 1914
Amoco Building
Denver, Colorado 80202

Wiser Oil Company
905 Oil & Gas Building
Wichita Falls, Texas 76301

El Paso Exploration Co.
Attn: Mr. James R. Permenter
P. O. Box 1492
El Paso, Texas 79978

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

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

Mr. Tom Bolack and the Estate
of Alice N. Bolack
Bolack Mineral Co.
Star Route 3, Box 47
Farmington, New Mexico 87401

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

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

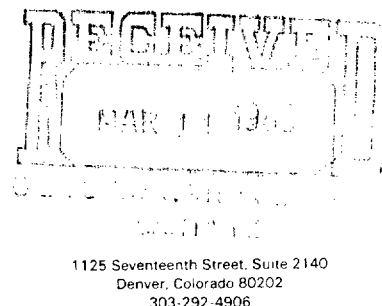
Nancy Ridgely
344 North Stanbery Avenue
Columbus, Ohio 43209

Brenda Petke
18 Shadow Lane
Chadds Ford, Penn. 19317

Phillips Petroleum Company
Attn: M. K. Study
8055 E. Tufts Avenue Parkway
Denver, Colorado 80237

NORTHWEST PIPELINE CORPORATION

LAND DEPARTMENT



March 9, 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
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 29-5 Unit #14-08-001-437
Rio Arriba County, NM
NOTICE OF COMPLETION OF
NON-COMMERCIAL WELL
MESAVERDE FORMATION

Gentlemen:

Pursuant to the provisions of Section 11(a) of the San Juan 29-5 Unit Agreement, Northwest Pipeline Corporation, as Unit Operator, has determined that the following described well is not capable of producing unitized substances in paying quantities from the Mesaverde Formation.

The pertinent data is as follows:

The San Juan 29-5 Com #104 Well is located 950 feet from the North Line and 1720 feet from the East Line, Section 10, Township 29 North, Range 5 West, N.M.P.M., Rio Arriba County, New Mexico. This well was spudded on March 6, 1981. The Mesaverde Formation was completed on July 20, 1982 with dual completion of the Pictured Cliffs Formation. The Mesaverde Formation was perforated with 18 holes at the following depths:

5263' to 5628'

March 9, 1983

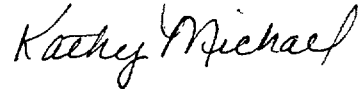
Page Two

These perforations were treated with 11,280 gallons of water followed by 80,000 pounds of 20/40 sand. This well was initially tested using a positive choke in a three hour test. The SITP was 1110 psig with a flowing pressure of 130 psig at producing rate of 1690 MCFD. The calculated AOF was 1775 MCFD.

Inasmuch as this determination requires no official approval, no provision is made therefor and in the absence of disapproval, this well will continue to be considered non-commercial subject to the understanding that it may be subsequently admitted to the Mesaverde Participating Area should further operations or testing prove it to be commercial.

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

Very truly yours,

A handwritten signature in cursive script that reads "Kathy Michael".

Kathy Michael
Supervisor/Land Department

KM:bs

Attachment

CC: Working Interest Owners

SAN JUAN 29-5 UNIT
WORKING INTEREST OWNERS

Sun Gas Division
Sun Exploration & Production Co.
P. O. Box 20
Dallas, Texas 75221

Ms. Mabelle M. Miller
Corinne Miller Gay Trust
Maydell Miller Mast Trust
James M. Raymond
1224 Lois Street
P. O. Box 1445
Kerrville, Texas 78028

Koch Industries
P. O. Box 2256
Wichita, Kansas 67201

General American Oil Co. of Texas
Attn: Mr. L. E. Dooley
Meadows Building
Dallas, Texas

Amoco Production Company
Attn: M. R. Gile
1670 Broadway - Suite 1914
Amoco Building
Denver, Colorado 80202

Wiser Oil Company
P. O. Box 2467
Hobbs, New Mexico 88240

El Paso Exploration Co.
Attn: Mr. James R. Permenter
P. O. Box 1492
El Paso, Texas 79978

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

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

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of Alice N. Bolack
Bolack Mineral Co.
Star Route 3, Box 47
Farmington, New Mexico 87401

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

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

Nancy Ridgely
344 North Stanbery Avenue
Columbus, Ohio 43209

Brenda Petke
18 Shadow Lane
Chadds Ford, Penn. 19317

Phillips Petroleum Company
Attn: M. K. Study
8055 E. Tufts Avenue Parkway
Denver, Colorado 80237

NORTHWEST PIPELINE CORPORATION

LAND DEPARTMENT

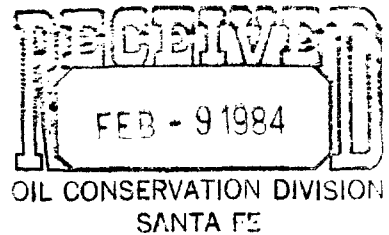
1125 Seventeenth Street, Suite 2140
Denver, Colorado 80202
303-292-4906

January 16, 1983

Assistant Area Oil and Gas Supervisor
Minerals Management Service
Attn: James W. Shelton
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 29-5 Unit #1408-001-437
Rio Arriba County, New Mexico
NOTICE OF COMPLETION OF
NON-COMMERCIAL WELL
MESAVERDE FORMATION

Dear Mr. Shelton:

Your office has requested that Northwest Pipeline review certain production statistics for various wells and provide you with the information used in determining the commerciality of these properties. The San Juan 29-5 #100 (MV) was previously determined to be commercial by Northwest Pipeline and was shown on the 23rd Expansion of the Mesaverde Participating Area. After the economic evaluations were reworked by our Reserves Department, this formerly commercial well has now been determined to be non-commercial.

Pursuant to Section 11 (a) of the San Juan 29-5 Unit Agreement, Northwest Pipeline Corporation, as Unit Operator, has determined that the following described well is incapable of producing unitized substances in paying quantities from the Pictured Cliffs Formation.

The well data is as follows:

The San Juan 29-5 #100 Well is located 1885 feet from the north line and 1165 feet from the east line, Section 25 Township 29 North, Range 5 West, N.M.P.M., Rio Arriba

James W. Shelton
January 16, 1984
Page Two

County, New Mexico. This well was spudded on May 12, 1981. The Mesaverde Formation was completed on June 30, 1981 with a dual completion in the Pictured Cliffs Formation. The Mesaverde Formation was perforated with 24 holes at the following depths:

5610' to 6070'

These perforations were treated with 5,500 gallons pad water followed by 50,000 pounds of 10/20 sand in fracturing fluid. The well was initially tested on June 6, 1981 with a positive choke in a three hour test. The SITP was 1143 psig with a flowing pressure of 157 psig producing at a rate of 2023 MCFD. The calculated AOF was 2170 MCFD.

This well has been determined to be non-commercial.

The documentation used in reclassifying this well has been enclosed for your information. Please advise if this reevaluation will be accepted for record. Copies of this letter are being sent to the Working Interest Owners as shown on the attached sheet.

Very truly yours,



Kathy Michael
Supervisor/Land Department

KM:st
Enclosures
CC: Working Interest Owners

SAN JUAN 29-5 UNIT
WORKING INTEREST OWNERS

Sun Gas Division
Sun Exploration & Production Co.
P. O. Box 20
Dallas, Texas 75221

Koch Industries
P. O. Box 2256
Wichita, Kansas 67201

Amoco Production Company
Attn: J. C. Burnside
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Denver, Colorado 80202

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American Petrofina Company of Texas
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Dallas, Texas 75221

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Columbus, Ohio 43209

Phillips Petroleum Company
Attn: T. C. Doughty
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Denver, Colorado 80237

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300 Caversham Road
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18 Shadow Lane
Chadds Ford, Penn. 19317

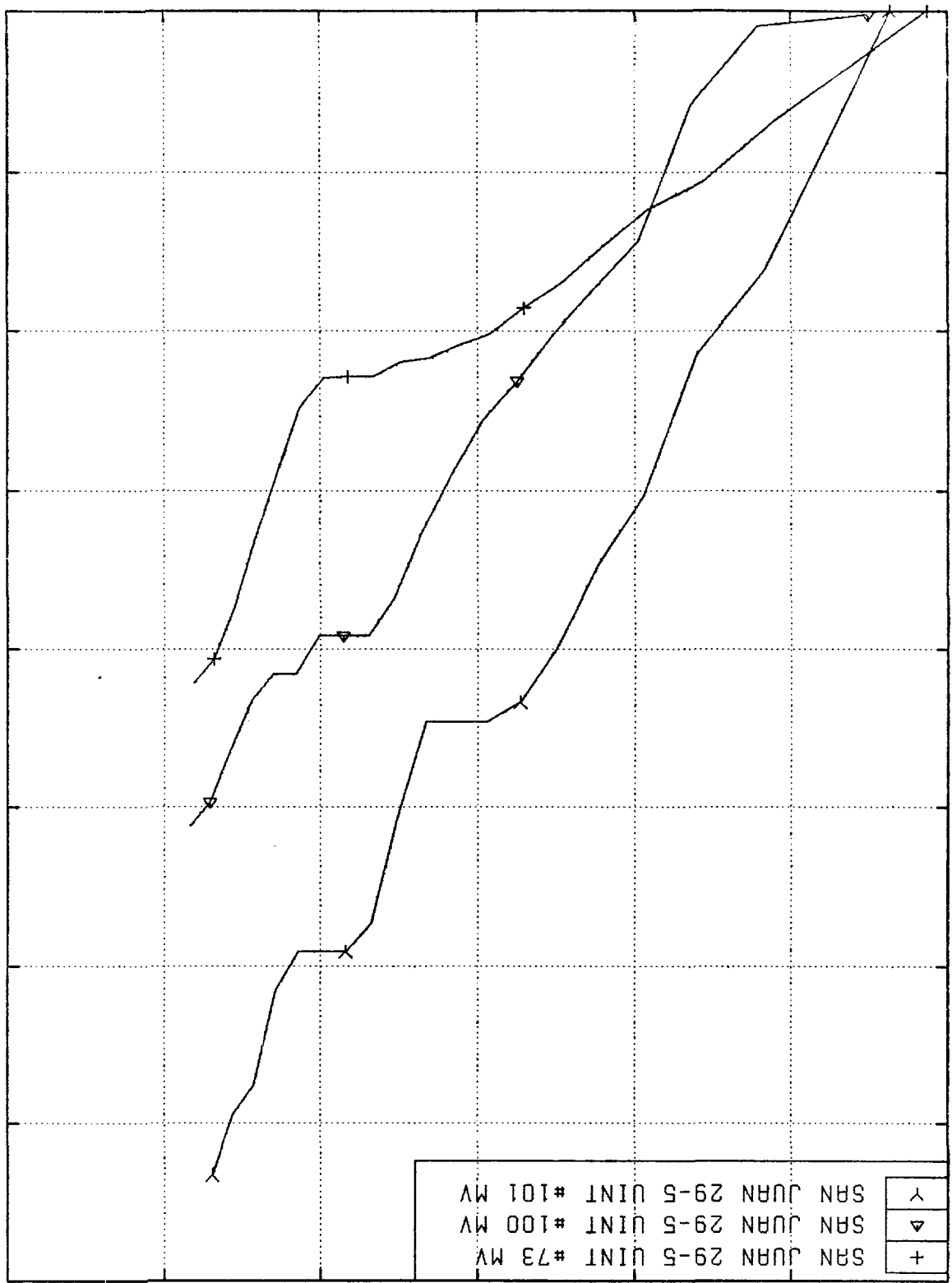
MMCF @ 14.73 PSIA

0 10 20 30 40 50 60 70 80

SORT(DAYS)



30 25 20 15 10 5 0



SAN JUAN 29-S UNIT # 101 MW
 SAN JUAN 29-S UNIT # 100 MW
 SAN JUAN 29-S UNIT # 73 MW

CUM-SORT(TIME) PAGE 1

NORTHWEST PIPELINE CORPORATION
GAS RESERVES DEPARTMENT ECONOMIC STUDY
COMMERCIALITY OF SAN JUAN 29-5 UNIT COM #73 MW 12-07-83

WORKING INT. B/PAYOUT.....% 100.0 ANNUAL COST INFLATION.....% 0.0
WORKING INT. A/PAYOUT.....% 50.0 ANNUAL PRICE INFLATION....% 0.0
INCOME TAX.....% 48.0 NEG INC TAX USED AS FUTURE CREDIT
UNIT OF PRODUCTION DEPRECIATION

GAS PRODUCTION FROM SAN JUAN 29-5 UNIT COM #73 MW
LAND OWNER ROYALTY.....% 12.5 OVERRIDING ROYALTY.....% 0.0
AD VALOREM AND SEV. TAXES.....% 7.5 OPERATING COSTS (\$/MO).....% 500.0
MONTH OF CAPITAL EXPENSE.....% 1 OPERATING COSTS (% OF PROD).....% 0.0
DRILLING COSTS (\$1000).....% 230.1 TANGIBLE \$ (% OF DRILLING \$) 32.6
SALVAGE VALUE (\$1000).....% 0.0

INITIAL MONTH	MCF/D	DECLINE %	TO MCF/D	ENDING MONTH
7	220.0	98.0	60.0	11
11	60.0	42.1	50.0	15
15	50.0	11.5	48.0	19
19	48.0	-12170.3	107.0	21
21	107.0	20.9	88.0	31
31	88.0	5.3	79.0	55
55	79.0	6.1	29.0	247
247	29.0	100.0	0.0	248

YEAR	PRICE \$/ MCF	AVG MCF/D	ANNUAL MCF	ROYALTY MCF	REVENUE AFTER ROYALTY \$1000
1	3.25	58	21131.	2641.	60.
2	3.25	70	25551.	3194.	73.
3	3.25	91	33111.	4139.	94.
4	3.25	84	30526.	3816.	87.
5	3.25	79	28897.	3612.	82.
6	3.25	74	27178.	3397.	77.
7	3.25	70	25528.	3191.	73.
8	3.25	66	23978.	2997.	68.
9	3.25	62	22522.	2815.	64.
10	3.25	58	21155.	2644.	60.
11	3.25	54	19871.	2484.	57.
12	3.25	51	18664.	2333.	53.
13	3.25	48	17531.	2191.	50.
14	3.25	45	16467.	2058.	47.
15	3.25	42	15467.	1933.	44.
16	3.25	40	14528.	1816.	41.
17	3.25	37	13646.	1706.	39.
18	3.25	35	12817.	1602.	36.
19	3.25	33	12039.	1505.	34.
20	3.25	31	11308.	1414.	32.
21	3.25	17	6277.	785.	18.
TOTAL			418185.	52214.	1189.

NORTHWEST PIPELINE CORPORATION
 GAS RESERVES DEPARTMENT ECONOMIC STUDY
 COMMERCIALITY OF SAN JUAN 29-5 UNIT CUM #73 MW 12-07-83

WORKING INT. B/PAYOUT.....% 100.0 ANNUAL COST INFLATION.....% 0.0
 WORKING INT. A/PAYOUT.....% 50.0 ANNUAL PRICE INFLATION.....% 0.0
 INCOME TAX.....% 48.0 NET INC TAX USED AS FUTURE CREDIT
 UNIT OF PRODUCTION DEPRECIATION

DISCOUNT ***** PRESENT VALUE***** DISCOUNTED PROFIT TO**
 RATE ***** \$1000 ***** **INVESTMENT RATIO**
 *** % ** BEFORE TAX AFTER TAX BEFORE TAX AFTER TAX
 22.1 0. 0.00 0.00
 13.5 0. 0.00 0.00
 12.0 90. 11. 0.39 0.05
 RATE OF RETURN B.T.
 RATE OF RETURN A.T.

YEAR	INCOME **\$1000 **NET*	PROJECT EXPENSES IN \$1000* ***** CAPL- ***** *IAL* DEPR. TAXES	AD.V. ***** SEV. PROD. COSTS	CASH FLOW ANALYSIS IN \$1000***** ***** BEFORE TAXES	BEFORE TAXED INCOME TAXES	AFTER TAXES
1	60	230	4	5	3	-177
2	73	0	5	7	6	-116
3	94	0	6	7	8	-35
4	65	0	4	5	5	21
5	41	0	3	3	3	56
6	39	0	3	3	3	33
7	36	0	2	3	3	31
8	34	0	2	3	3	29
9	32	0	2	2	3	27
10	30	0	2	2	3	25
11	28	0	2	2	3	23
12	27	0	2	2	3	22
13	25	0	2	2	3	20
14	23	0	2	2	3	19
15	22	0	1	2	3	17
16	21	0	1	2	3	16
17	19	0	1	1	3	15
18	18	0	1	1	3	14
19	17	0	1	1	3	13
20	16	0	1	1	3	12
21	9	0	1	1	2	6
TOTAL	730	230	46	55	69	376

PAYOUT DURING MONTH 6 OF YEAR 4

TOTAL	730	230	46	55	69	376	0	405	194	181
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NORTHWEST PIPELINE CORPORATION
GAS RESERVES DEPARTMENT ECONOMIC STUDY
COMMERCIALITY OF SAN JUAN 29-5 ±100 MW

12-07-83

WORKING INT. B/PAYOUT.....% 100.0 ANNUAL COST INFLATION.....% 0.0
WORKING INT. A/PAYOUT.....% 100.0 ANNUAL PRICE INFLATION.....% 0.0
INCOME TAX.....% 48.0 NEG INC TAX USED AS FUTURE CREDIT
UNIT OF PRODUCTION DEPRECIATION

GAS PRODUCTION FROM SAN JUAN 29-5 ±100 MW
LAND OWNER ROYALTY.....% 12.5 OVERRIDING ROYALTY.....% 0.0
AD VALOREM AND SEV TAXES.....% 7.5 OPERATING COSTS (\$/MG)..... 500.0
MONTH OF CAPITAL EXPENSE..... 5 OPERATING COSTS (% OF PROD)..... 0.0
DRILLING COSTS (\$1000)..... 245.6 TANGIBLE \$ (% OF DRILLING \$) 29.0
SALVAGE VALUE (\$1000)..... 0.0

INITIAL MONTH	MCF/D	DECLINE %	MCF/D	TO ENDING MONTH
15	150.0	54.9	115.0	19
19	115.0	61.0	84.0	23
23	84.0	44.6	69.0	27
27	69.0	29.0	49.0	39
39	49.0	18.4	40.0	51
51	40.0	12.5	35.0	63
63	35.0	6.5	12.0	255
255	12.0	100.0	0.0	256

YEAR	PRICE \$/ MCF	AVG MCF/D	ANNUAL MCF	ROYALTY MCF	REVENUE AFTER ROYALTY \$1000
1	3.20	0	0	0	0
2	3.20	93	34060	4258	95
3	3.20	63	23057	2882	65
4	3.20	46	16951	2119	47
5	3.20	39	14084	1760	39
6	3.20	34	12557	1570	35
7	3.20	32	11728	1466	33
8	3.20	30	10968	1371	31
9	3.20	28	10259	1282	29
10	3.20	26	9595	1199	27
11	3.20	25	8974	1122	25
12	3.20	23	8393	1049	24
13	3.20	21	7850	981	22
14	3.20	20	7342	918	21
15	3.20	19	6867	858	19
16	3.20	18	6423	803	18
17	3.20	16	6007	751	17
18	3.20	15	5618	702	16
19	3.20	14	5255	657	15
20	3.20	13	4915	614	14
21	3.20	13	4597	575	13
TOTAL			215493	26937	603

NORTHWEST PIPELINE CORPORATION
GAS RESERVES DEPARTMENT ECONOMIC STUDY
COMMERCIALITY OF SAN JUAN 29-5 \$100 MW

12-07-83

WORKING INT. B/PAYOUT.....2 100.0 ANNUAL COST INFLATION.....2 0.0
WORKING INT. A/PAYOUT.....2 100.0 ANNUAL PRICE INFLATION.....2 0.0
INCOME TAX.....2 48.0 NEG INC TAX USED AS FUTURE CREDIT
UNIT OF PRODUCTION DEPRECIATION

DISCOUNT *****PRESENT VALUE***** DISCOUNTED PROFIT 10**
RATE *****\$100 *****INVESTMENT RATIO***
% BEFORE TAX AFTER TAX BEFORE TAX AFTER TAX
11.3 0.00 0.00
7.2 0.0 RATE OF RETURN P.T.
12.0 -6. -37. -0.03 -0.15
0.0 RATE OF RETURN A.T.

YEAR	INCOME	PROJECT EXPENSES IN \$1000	CASH FLOW ANALYSIS IN \$1000	AD.V.	SEV.	PROD.	COSTS	TAXES	BEFORE TAX	TAXES	INCOME	TAXES	AFTER TAX
	\$1000	***	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
	*****	CAPIT	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
	*****	*IAL*	DEPR.	TAXES									
1	0	246	0	0	7	0	0	-246	-246	-174	0	-246	83
2	95	0	11	8	5	5	5	83	-162	72	0	83	54
3	65	0	8	6	4	6	6	54	-109	46	0	54	38
4	47	0	6	5	4	6	6	38	-71	32	0	38	30
5	39	0	5	4	3	6	6	30	-40	26	1	30	16
6	35	0	4	4	3	6	6	27	-14	22	11	22	15
7	33	0	4	4	2	6	6	24	-11	20	10	20	13
8	31	0	4	4	2	6	6	22	-11	19	9	19	11
9	29	0	3	3	2	6	6	21	-11	17	8	17	10
10	27	0	3	3	2	6	6	19	-11	16	8	16	10
11	25	0	3	3	2	6	6	17	-11	14	7	14	10
12	24	0	3	3	2	6	6	16	-11	13	6	13	9
13	22	0	3	3	2	6	6	14	-11	12	5	12	8
14	21	0	2	2	2	6	6	13	-11	11	4	11	7
15	19	0	2	2	2	6	6	12	-11	10	3	10	6
16	18	0	2	2	2	6	6	11	-11	9	2	9	5
17	17	0	2	2	2	6	6	10	-11	8	2	8	4
18	16	0	2	2	2	6	6	9	-11	7	1	7	3
19	15	0	2	2	2	6	6	8	-11	6	1	6	2
20	14	0	2	2	2	6	6	7	-11	5	1	5	1
21	13	0	2	2	2	6	6	6	-11	4	1	4	0
TOTAL	604	246	71	46	119	193	0	193	0	193	93	100	

PAYOUT DURING MONTH 7 OF YEAR 7

NORTHWEST PIPELINE CORPORATION
GAS RESERVES DEPARTMENT ECONOMIC STUDY
COMMERCIALITY OF SAN JUAN 29-5 #101 MW

12-07-83

WORKING INT. B/PAYOUT.....% 100.0 ANNUAL COST INFLATION.....% 0.0
WORKING INT. A/PAYOUT.....% 100.0 ANNUAL PRICE INFLATION.....% 0.0
INCOME TAX.....% 48.0 NEG INC TAX USED AS FUTURE CREDIT
UNIT OF PRODUCTION DEPRECIATION

DISCOUNT ***** PRESENT VALUE***** DISCOUNTED PROFIT 10**
***** RATE***** \$1000 ***** INVESTMENT RATIO*****
*** % ** BEFORE TAX AFTER TAX BEFORE TAX AFTER TAX
25.4 0. 0.00 RATE OF RETURN B.T.
16.2 0. 0.0 RATE OF RETURN A.T.
12.0 86. 23. 0.37 0.10

YEAR	INCOME	PROJECT EXPENSES IN \$1000*	AD V.	SEV. PROD. COSTS	CASH FLOW ANALYSIS IN \$1000*****	*****	*****	*****	*****
YEAR	*****	CAPIT- *****	DEPR. TAXES	TAXES	BEFORE TAXES	TAXES	INCOME	TAXES	AFTER TAXES
1	0	229	0	0	-229	-229	-158	0	-229
2	125	0	12	9	112	-117	100	0	112
3	83	0	8	6	71	-47	63	2	69
4	59	0	6	4	48	1	43	20	28
5	47	0	5	4	38	39	33	16	22
6	41	0	4	3	32	71	28	13	19
7	38	0	4	3	29	100	26	12	17
8	36	0	3	3	27	127	24	11	16
9	34	0	3	3	25	152	22	10	15
10	31	0	3	2	23	175	20	10	13
11	29	0	3	2	21	197	18	9	12
12	28	0	3	2	19	216	17	8	11
13	26	0	3	2	18	234	15	7	10
14	24	0	2	2	16	250	14	7	10
15	23	0	2	2	15	265	13	6	9
16	21	0	2	2	14	279	12	5	8
17	20	0	2	1	12	291	10	4	7
18	19	0	2	1	11	302	9	4	7
19	17	0	2	1	10	312	8	4	6
20	16	0	2	1	9	321	7	4	5
21	15	0	1	1	8	329	7	3	5
TOTAL	732	229	71	55	118	329	0	329	158
									171

PAYOUT DURING MONTH 12 OF YEAR 4

NORTHWEST PIPELINE CORPORATION
GAS RESERVES DEPARTMENT ECONOMIC STUDY
COMMERCIALITY OF SAN JUAN 29-5 ±101 MW

12-07-83

WORKING INT. B/PAYOUT.....% 100.0 ANNUAL COST INFLATION.....% 0.0
WORKING INT. A/PAYOUT.....% 100.0 ANNUAL PRICE INFLATION.....% 0.0
INCOME TAX.....% 48.0 NEG INC TAX USED AS FUTURE CREDIT
UNIT OF PRODUCTION DEPRECIATION

GAS PRODUCTION FROM SAN JUAN 29-5 ±101 MW
LAND OWNER ROYALTY.....% 12.5 OVERRIDING ROYALTY.....% 0.0
AD VALOREM AND SEV TAXES.....% 7.5 OPERATING COSTS (\$/MO)..... 500.0
MONTH OF CAPITAL EXPENSE..... 11 OPERATING COSTS (% OF PROD)..... 0.0
DRILLING COSTS (\$1000)..... 229.3 TANGIBLE \$ (% OF DRILLING \$) 30.9
SALVAGE VALUE (\$1000)..... 0.0

INITIAL MONTH	MCF/D	DECLINE %	TO MCF/D	ENDING MONTH
18	400.0	96.6	130.0	22
22	130.0	59.7	96.0	26
26	96.0	44.3	79.0	30
30	79.0	27.8	57.0	42
42	57.0	19.3	46.0	54
54	46.0	13.0	40.0	66
66	40.0	6.4	14.0	258
258	14.0	100.0	0.0	259

YEAR	PRICE \$/ MCF	AVG MCF/D	ANNUAL MCF	ROYALTY MCF	REVENUE AFTER ROYALTY \$1000
1	3.20	0	0	0	0
2	3.20	122	44574	5572	125
3	3.20	81	29568	3696	83
4	3.20	57	20937	2617	59
5	3.20	46	16855	2107	47
6	3.20	40	14689	1836	41
7	3.20	37	13647	1706	38
8	3.20	35	12780	1598	36
9	3.20	33	11969	1496	34
10	3.20	31	11209	1401	31
11	3.20	29	10497	1312	29
12	3.20	27	9830	1229	28
13	3.20	25	9206	1151	26
14	3.20	24	8621	1078	24
15	3.20	22	8074	1009	23
16	3.20	21	7561	945	21
17	3.20	19	7081	885	20
18	3.20	18	6631	829	19
19	3.20	17	6210	776	17
20	3.20	16	5816	727	16
21	3.20	15	5446	681	15
TOTAL.....			261197	32650	731

NORTHWEST PIPELINE CORPORATION
GAS RESERVES MASTER FILE EXTRACT
VOLUMES AT 14.73 PSIA WITH METER PRESSURE AND FLOW DAYS

PAGE 7
OCTOBER 1983

METER/WELL : 85587/SJ 29-5 UNIT #101 MW
UNIT/STATE : 99736/NEW MEXICO
FIELD : BLANCO
FORMATION : MESA VERDE
LOCATION : T 29N R 5W SEC 25H
FOOTAGE : 1340FHL 970FEL
OPERATOR : NORTHWEST PIPELINE CORP
SYSTEM : NWP SAN JUAN

INITIAL MWC:
CUMULATIVE : 0.000
REMAINING : 51.176
BU/GRAVITY : 1123/0.650
I.D. DATE Y2MMD : 82-3-24
CNTR INTEREST : 0.053353
LSHD INTEREST : 0.024497
R.L.RATIO : 0.0

MONTH	MCF	PSIG	DAYS	MONTH	MCF	PSIG	DAYS	MONTH	MCF	PSIG	DAYS
NOV80	0	0.0	NOV81	0	0.0	NOV82	3337	348	8.6		
DEC80	0	0.0	DEC81	0	0.0	DEC82	3591	299	10.6		
JAN81	0	0.0	JAN82	0	0.0	JAN83	4136	269	11.1		
FEB81	0	0.0	FEB82	0	0.0	FEB83	2567	273	9.0		
MAR81	0	0.0	MAR82	275	345	0.1	MAR83	0	0.0		
APR81	0	0.0	APR82	712	312	1.2	APR83	0	0.0		
MAY81	0	0.0	MAY82	4814	337	14.9	MAY83	2452	388	4.3	
JUN81	0	0.0	JUN82	8566	298	22.1	JUN83	0	0.0		
JUL81	0	0.0	JUL82	2987	302	11.1	JUL83	1640	306	3.8	
AUG81	0	0.0	AUG82	2840	296	8.6	AUG83	3265	335	17.0	
SEP81	0	0.0	SEP82	2958	290	10.5	SEP83	3197	312	6.3	
OCT81	0	0.0	OCT82	2381	0	0.0	OCT83	1456	298	2.1	
TOTAL	0	0.0	TOTAL	25535	69.5	TOTAL	25641	72.8			

METER/WELL : 85545/SJ 29-5 UNIT #101 MW
UNIT/STATE : 99736/NEW MEXICO
FIELD : BLANCO
FORMATION : MESA VERDE
LOCATION : T 29N R 5W SEC 26B
FOOTAGE : 1050FHL 970FEL
OPERATOR : NORTHWEST PIPELINE CORP
SYSTEM : NWP SAN JUAN

INITIAL MWC:
CUMULATIVE : 73.393
REMAINING : -73.393
BU/GRAVITY : 1138/0.657
I.D. DATE Y2MMD : 82-4-27
CNTR INTEREST : 0.053353
LSHD INTEREST : 0.024497
R.L.RATIO : 0.0

MONTH	MCF	PSIG	DAYS	MONTH	MCF	PSIG	DAYS	MONTH	MCF	PSIG	DAYS
NOV80	0	0.0	NOV81	0	0.0	NOV82	1260	315	5.6		
DEC80	0	0.0	DEC81	0	0.0	DEC82	0	0.0			
JAN81	0	0.0	JAN82	0	0.0	JAN83	0	0.0			
FEB81	0	0.0	FEB82	0	0.0	FEB83	5922	284	17.3		
MAR81	0	0.0	MAR82	0	0.0	MAR83	6710	275	21.8		
APR81	0	0.0	APR82	0	0.0	APR83	1789	317	5.3		
MAY81	0	0.0	MAY82	16087	335	28.4	MAY83	0	0.0		
JUN81	0	0.0	JUN82	5398	330	15.9	JUN83	0	0.0		
JUL81	0	0.0	JUL82	8835	317	24.3	JUL83	2414	301	4.0	
AUG81	0	0.0	AUG82	4391	272	13.3	AUG83	6096	321	23.0	
SEP81	0	0.0	SEP82	5214	294	12.8	SEP83	1830	293	5.8	
OCT81	0	0.0	OCT82	3475	318	10.8	OCT83	3964	256	14.7	
TOTAL	0	0.0	TOTAL	43400	105.5	TOTAL	29993	97.5			



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR

December 1, 1982

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-2434

Case 4/8

NORTHWEST PIPELINE CORP.
1125 Seventeenth St.
Suite 2140
Denver, CO 80202

ATTENTION: Kathy Michael

RE: San Juan Unit 29-5
Additional Wells Completed
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,

A handwritten signature in cursive script, reading "Roy E. Johnson".

Roy E. Johnson
Petroleum Geologist

REJ/dp

cc: Commissioner of Public Lands - Santa Fe
Minerals Management Service - Albuquerque
OCD District Office

Case # 418
R# 203

NORTHWEST PIPELINE CORPORATION

LAND DEPARTMENT

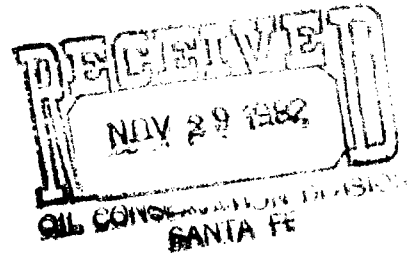
November 22, 1982

1125 Seventeenth Street, Suite 2140
Denver, Colorado 80202
303-620-3559

Assistant Area Oil and Gas Supervisor
Minerals Management Service
Westerr 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



RE: San Juan 29-5 Unit #14-08-001-437
Rio Arriba County, New Mexico
NOTICE OF COMPLETION OF
ADDITIONAL WELLS
MESAVERDE FORMATION

Gentlemen:

Pursuant to Section 11(a) of the San Juan 29-5 Unit Agreement, Northwest Pipeline Corporation, as Unit Operator, has determined that two additional wells capable of producing unitized substances in paying quantities from the Mesaverde Formation have been completed upon acreage committed to this Unit.

The San Juan 29-5 Unit #47A Well is located 940 feet from the North Line and 1630 feet from the West Line, Section 4, Township 29 North, Range 5 West, N.M.P.M., Rio Arriba County, New Mexico. This well was spudded on May 30, 1981 and completed on August 21, 1981. The Mesaverde Formation was perforated with twenty-four holes between the following depths:

5224' - 5604'

These perforations were treated with 10,000 gallons of pad water followed by sand/water fracturing. This well has one tubing string. The well was shut-in with a SIPT of 800 psig and SIPC of 1140 psig. On August 21, 1981, the well was tested and after flowing for three (3) hours through a 3/4 inch variable choke on the 2 3/8 inch tubing, the well gauged 2084 mcf/d with a calculated AOF of 2415.

The San Juan Unit No. 41A Well is located 810 feet from the South Line and 1760 feet from the East Line, Section 31, Township 29 North, Range 5 West, N.M.P.M., Rio Arriba County, New Mexico. This well was spudded on April 24, 1981 and completed on October 29, 1981 in the Mesaverde Formation at a plug back depth of 5860'. The Mesaverde Formation was perforated with 28 holes at depths of:

5309' - 5828'

These perforations were treated with 10,000 gallons pad slick water followed by a sand/water fracturing. The well was shut-in with a SIPT of 952 psig and SIPC of 952 psig. On October 29, 1981, the well was tested and after flowing for three (3) hours through a 2 x .750 inch variable choke on the 2 3/8 inch tubing, the well gauged 3371 MCFD with a calculated AOF of 5374 MCFD.

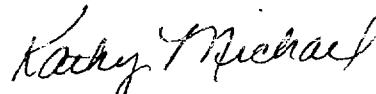
The committed drilling block upon which Well #47A is located is described as the W/2 of Section 4, T29N-R5W, Rio Arriba County, New Mexico containing 320.00 acres. This drilling block was included in the San Juan 29-5 Twentieth Expanded Participating Area effective November 1, 1960.

The committed drilling block upon which Well #41A is located is described as the E/2 of Section 31, T29N-R5W, Rio Arriba County, New Mexico containing 320.00 acres. This drilling block was included in the San Juan 29-5 Sixteenth Expanded Participating Area effective December 1, 1957.

Since these wells were drilled within the existing Mesaverde Participating Area, the Participating Area is not enlarged by virtue of these infill wells, and the percentage of participation remains the same.

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

Very truly yours,



Kathy Michael
Supervisor/Land Department

KM:bs
attachment

SAN JUAN 29-5 UNIT
WORKING INTEREST OWNERS

Sun Gas Division
Sun Exploration & Production Co.
P. O. Box 20
Dallas, Texas 75221

Ms. Mabelle M. Miller
Corinne Miller Gay Trust
Maydell Miller Mast Trust
James M. Raymond
1224 Lois Street
P. O. Box 1445
Kerrville, Texas 78028

Koch Industries
P. O. Box 2256
Wichita, Kansas 67201

General American Oil Co. of Texas
Attn: Mr. L. E. Dooley
Meadows Building
Dallas, Texas

Amoco Production Company
Attn: M. R. Gile
1670 Broadway - Suite 1914
Amoco Building
Denver, Colorado 80202

Wiser Oil Company
P. O. Box 2467
Hobbs, New Mexico 88240

El Paso Exploration Co.
Attn: Mr. James R. Permenter
P. O. Box 1492
El Paso, Texas 79978

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

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

Mr. Tom Bolack and the Estate
of Alice N. Bolack
Bolack Mineral Co.
Star Route 3, Box 47
Farmington, New Mexico 87401

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

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

Nancy Ridgely
344 North Stanbery Avenue
Columbus, Ohio 43209

Brenda Petke
18 Shadow Lane
Chadds Ford, Penn. 19317

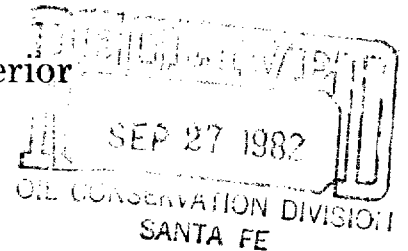
Phillips Petroleum Company
Attn: M. K. Study
8055 E. Tufts Avenue Parkway
Denver, Colorado 80237



IN REPLY
REFER TO:

United States Department of the Interior

MINERALS MANAGEMENT SERVICE
SOUTH CENTRAL REGION
505 MARQUETTE AVENUE, N.W., SUITE 815
ALBUQUERQUE, NEW MEXICO 87102



SEP 22 1982

Northwest Pipeline Corporation
Attention: Kathy Michael
P. O. Box 5800, Terminal Annex
Denver, Colorado 80217

Gentlemen:

On May 4, 1982, we received a letter dated April 27, 1982, requesting the cancellation of the initial participating area for the Fruitland formation in the San Juan 29-5 Unit, Rio Arriba County, New Mexico. The participating area was based on an erroneous determination by the unit operator that the San Juan 29-5 Unit Well #84 was capable of producing unitized substances in paying quantities. Your letter advises that the Unit Well #84 has never produced any unitized substances and is scheduled for plugging and abandonment.

In view of these facts, the initial participating area for the Fruitland formation in the San Juan 29-5 Unit consisting of the W $\frac{1}{2}$ section 5 and containing 321.00 acres is hereby terminated. You are requested to furnish all interested principals with appropriate evidence of this termination.

Sincerely yours,

(Orig. Signed) — Michael F. Reitz

FOR Gene F. Daniel
Deputy Minerals Manager
Oil and Gas

cc:
BLM, Santa Fe
NMOCD
Comm. of Public Lands

NORTHWEST PIPELINE CORPORATION

LAND DEPARTMENT

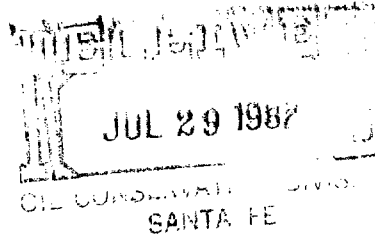
July 23, 1982

1125 Seventeenth Street, Suite 2140
Denver, Colorado 80202
303-620-3559

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
Attn: Mr. Ray D. Graham
Post Office Box 1148
Santa Fe, New Mexico 87501

State of New Mexico
Oil Conservation Commission
Attn: Mr. Joe Ramey
Post Office Box 2088
Santa Fe, New Mexico 87501



Re: San Juan 29-5 Unit #14-08-001-437
Rio Arriba County, New Mexico
FOURTH EXPANDED PARTICIPATING AREA
PICTURED CLIFFS FORMATION
Effective July 1, 1981

Gentlemen:

Pursuant to Section 11(a) of the San Juan 29-5 Unit Agreement, Northwest Pipeline Corporation, as Unit Operator, determined on the date indicated below that the San Juan 29-5 Unit Well No. 102 was capable of producing unitized substances in paying quantities from the Pictured Cliffs Formation and should create the Fourth Expanded Participating Area for the Pictured Cliffs Formation as follows:

FOURTH EXPANDED PARTICIPATING AREA - Effective July 1, 1981:

<u>Drilling Block</u>	<u>Acres</u>	<u>Well Name and No.</u>
T29N, R5W Sec. 9: E/2	320.00	San Juan 29-5 Unit #102

The pertinent data is as follows:

The San Juan 29-5 #102 Well is located 930 feet from the East Line and 1010 feet from the North Line, Section 9, Township 29 North, Range 5 West, N.M.P.M., Rio Arriba County, New Mexico. This well was spudded on February 11, 1981 and completed on June 25, 1981. The Pictured Cliffs Formation was perforated with twelve holes between each of the following depths:

3753' to 3823'

United States Geological Survey
Commissioner of Public Lands
Oil Conservation Commission
July 23, 1982
Page Two

These perforations were sand/water fractured. The well was shut-in with a SIPC of 1097 psig. This well is a tubingless completion. On June 25, 1981, the well was tested and after flowing for three (3) hours through a 3/4 inch variable choke on the 2 3/8 inch casing, the well gauged 2557 MCFD with a calculated AOF of 2736.

This well has been determined to be commercial.

Attached is Schedule V and ownership map showing the Fourth Expansion of the Participating Area for the Pictured Cliffs Formation of the San Juan 29-5 Unit. The Schedule describes the Fourth Expanded Participating Area and shows the percentage of unitized substances allocated to the drilling block tracts. Inasmuch as this needs no official approval, no provision is made therefor and, in the absence of disapproval, the captioned Fourth Expanded Participating Area will become effective July 1, 1981.

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

Very truly yours,

A handwritten signature in cursive script that reads "Kathy Michael".

Kathy Michael
Supervisor/Land Department

KM:bs
Enclosures
CC: Working Interest Owners

SAN JUAN 29-5 UNIT
WORKING INTEREST OWNERS

Sun Production Division
Campbell Centre II
P. O. Box 2880
Dallas, Texas 75221

Koch Industries Inc.
Post Office Box 2256
Wichita, Kansas 67201

Amoco Production Company
Attention: M. R. Gile
1670 Broadway, Suite 1914
Amoco Building
Denver, CO 80202

El Paso Exploration Co.
Attention: Mr. James R. Permenter
Post Office Box 1492
El Paso, Texas 79978

Mrs. Catherine B. McElvain,
Individually and as Executrix
of the Estate of T. H. McElvain,
Deceased
Post Office Box 2148
Santa Fe, New Mexico 87501

American Petrofina Co. of Texas
Post Office Box 2159
Dallas, Texas 75221

Nancy Ridgely
344 North Stanbery Avenue
Columbus, Ohio 43209

Phillips Petroleum Company
Attn: M. K. Study
Woodside II
7800 East Dorado Place
Englewood, CO 80111

Ms. Mabelle M. Miller
Corinne Miller Gay Trust
Maydell Miller Mast Trust
James M. Raymond
1224 Lois Street
Post Office Box 1445
Kerrville, Texas 78028

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

The Wiser Company
Post Office Box 2467
Hobbs, New Mexico 88240

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

Mr. Tom Bolack and the Estate
of Alice N. Bolack
Star Route 3, Box 47
Farmington, New Mexico 87401

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

Brenda Petke
18 Shawdow Lane
Chadds Ford, Pennsylvania 19317

NORTHWEST PIPELINE CORPORATION
NTT AREA EXPANSION SCHEDULE

SCHEDULE V.

FOURTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFF'S FORMATION

SAN JUAN 29-5 UNIT

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTU PARTICIPATIO
			OWNERSHIP	PERCENTAGE		
TRACT 4						
USA SF-078305	T-29-N, R-5-W Sec. 6: SW/4	160.00	Royalty;	12.500%	12.500%	7.839755%
			Working Interest:			
			Northwest Pipeline Corp.	82.500%	82.500%	
			ORRI;	5.000%	5.000%	
				<u>100.000%</u>	<u>100.000%</u>	
TRACT 6						
USA SF-078410	T-29-N, R-5-W Sec. 6: Lots 1, 2, 3, 4, S/2N/2, SE/4	480.88	Royalty;	12.500%	12.500%	23.562385%
			Working Interest:			
			Northwest Pipeline Corp.	82.500%	82.500%	
			ORRI;	5.000%	5.000%	
				<u>100.000%</u>	<u>100.000%</u>	
TRACT 8						
USA SF-078642	T-29-N, R-5-W Sec. 9: SE/4	160.00	Royalty;	12.500%	12.500%	7.839755%
			Working Interest:			
			Northwest Pipeline Corp.	82.500%	82.500%	
			ORRI;	5.000%	5.000%	
				<u>100.000%</u>	<u>100.000%</u>	
TRACT 12						
USA SF-078917	T-29-N, R-5-W Sec. 25: W/2	320.00	Royalty;	12.500%	12.500%	15.679511%
			Working Interest:			
			Northwest Pipeline Corp.	84.500%	84.500%	
			ORRI;	3.000%	3.000%	
				<u>100.000%</u>	<u>100.000%</u>	

SCHEDULE V.

FOURTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION

SAN JUAN 29-5 UNIT

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		
USA SF-079033	T-29-N, R-5-W Sec. 23: W/2	320.00	<u>TRACT 13</u>		12.500%	15.679511%
			Royalty;			
			Working Interest:			
			El Paso Natural Gas	84.500%	84.500%	
USA SF-079033*	T-29-W, R-5-W Sec. 23: SE/4, E/2NE/4, SW/4NE/4	280.00	ORRI;	3.000%	3.000%	
				100.000%	100.000%	
			<u>TRACT 13-A</u>			
			Royalty;	12.500%	12.500%	13.719573%
USA SF-080069	T-29-N, R-5-W Sec. 15: SE/4	160.00	Working Interest:			
			Sun Oil Company	84.500%	84.500%	
			ORRI;	3.000%	3.000%	
				100.000%	100.000%	
USA SF-080179	T-29-N, R-5-W Sec. 9: NE/4	160.00	<u>TRACT 17</u>		12.500%	7.839755%
			Royalty;			
			Working Interest:			
			Northwest Pipeline Corp.	82.500%	82.500%	
USA SF-080179	T-29-N, R-5-W Sec. 9: NE/4	160.00	ORRI;	5.000%	5.000%	
				100.000%	100.000%	
			<u>TRACT 18</u>			
			Royalty;	12.500%	12.500%	7.839755%
USA SF-080179	T-29-N, R-5-W Sec. 9: NE/4	160.00	Working Interest:			
			Northwest Pipeline Corp.	82.500%	82.500%	
			ORRI;	5.000%	5.000%	
				100.000%	100.000%	

SCHEDULE V.

FOURTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION

SAN JUAN 29-5 UNIT

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTU- PARTICIPATION
			OWNERSHIP	PERCENTAGE		
R E C A P I T U L A T I O N						
Township 29 North, Range 5 West						
		Sec. 6:	All			
		Sec. 9:	E/2			
		Sec. 15:	SE/4			
		Sec. 23:	W/2, SE/4, S/2NE/4, NE/4NE/4			
		Sec. 25:	W/2			
Total Number of Acres in Participating Area					2,040.88	
Total Number of Acres Committed to Participating Area					2,040.88	

* Pursuant to Communitization Agreement--SRM--1171, this tract participates for 75% of the San Juan 29-5 Unit Well #80 Com and non-Unit lands, NW/4NE/4 of Section 23 participates for 25%.