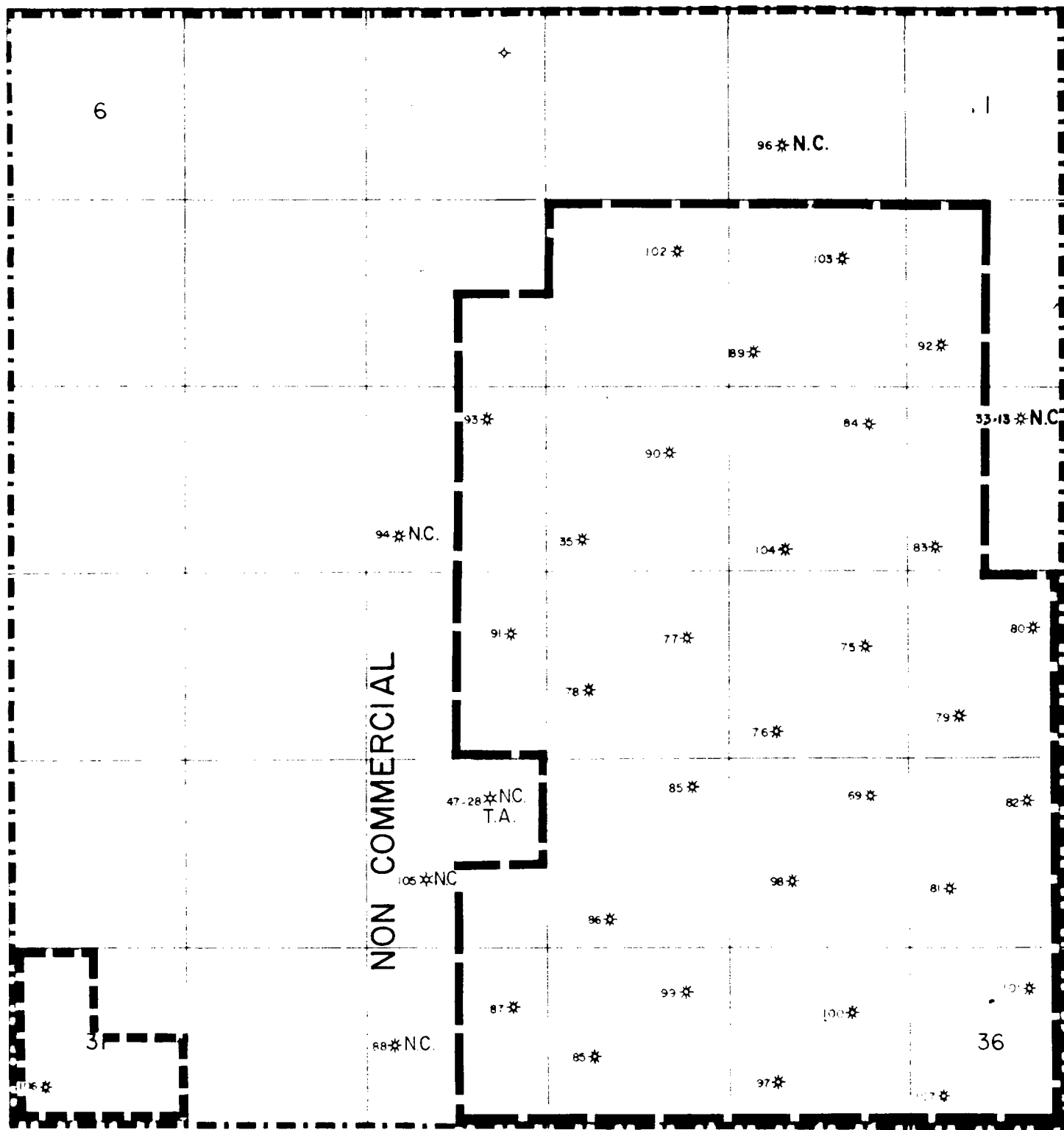


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DEEP WELLS ONLY

NON COMMERCIAL

N.C. - NON COMMERCIAL WELLS

 PHILLIPS PETROLEUM COMPANY <small>FLORY MOUNTAIN AREA</small> 	
SAN JUAN 29-6 UNIT Rio Arriba County, New Mexico	
PRESENT DAKOTA PARTICIPATING AREA 	
PROPOSED DAKOTA "A" PARTICIPATING AREA 	
Geology By	Scale 1:4000
Drafting By	Date
VTF-9-11E	

Northwest Pipeline Corporation



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

December 23, 1975

Regional Oil and Gas Supervisor
United States Geological Survey
Post Office Drawer 1857
Roswell, New Mexico 88201

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Commission
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 29-6 Unit #14-08-001-439
Notice of Completion of
Additional Wells
Mesaverde Formation

Gentlemen:

Pursuant to Section 11(a) of the San Juan 29-6 Unit Agreement, approved December 5, 1952, Northwest Pipeline Corporation, as Unit Operator, determined that fifteen (15) additional wells capable of producing unitized substances in paying quantities from the Mesaverde formation has been completed upon acreage committed to the unit. These wells are as follows:

The San Juan 29-6 Unit No. 1A Well is located 790' from the East Line and 1125' from the South Line, Section 3, Township 29 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico. This well was spudded on November 11, 1975, and completed on November 24, 1975, in the Mesaverde formation at a plug back total depth of 5776'. The Mesaverde formation was perforated with one hole at each of the following intervals: 5178', 5184', 5192', 5196', 5202', 5220', 5466', 5470', 5496', 5502', 5508', 5550', 5560', 5580', 5586', 5592', 5598', 5604', 5610', 5620', and 5630'. These perforations were treated with 7 1/2% hydrochloric acid, followed

by a sand-water fracturing. The well was shut-in November 24, 1975, for nine (9) days with a SIPT of 374 psig and a SIPC of 574 psig. On December 4, 1975, 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 2280 MCFD with a calculated AOF of 4997 MCFD.

The San Juan 29-6 Unit No. 10A Well is located 1010' from the East Line and 810' from the South Line, Section 2, Township 29 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico. This well was spudded on October 15, 1975, and completed on October 27, 1975, in the Mesaverde formation at a plug back total depth of 5833'. The Mesaverde formation was perforated with one hole at each of the following depths: 5252', 5260', 5268', 5274', 5280', 5344', 5356', 5522', 5532', 5562', 5570', 5582', 5590', 5598', 5606', 5622', 5646', 5662', 5676', 5684', 5692', 5822', and 5828'. These perforations were treated with 7 1/2% hydrochloric acid, followed by a sand-water fracturing. The well was shut-in October 27, 1975, for seven (7) days with a SIPT of 595 psig and a SIPC of 742 psig. On November 3, 1975, 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 2428 MCFD with a calculated AOF of 4151 MCFD.

The San Juan 29-6 Unit No. 25A Well is located 1150' from the South Line and 1400' from the East Line, Section 32, Township 29 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico. This well was spudded on August 17, 1975, and completed on September 1, 1975, in the Mesaverde formation at a plug back total depth of 5967'. The Mesaverde formation was perforated with one hole at each of the following depths: 5356', 5370', 5380', 5388', 5394', 5410', 5416', 5422', 5438', 5478', 5510', 5544', 5570', 5606', 5630', 5678', 5690', 5758', 5776', 5786', 5792', 5800', 5806', 5860', 5862', 5872', 5882', 5892', 5902', 5916', and 5936'. These perforations were treated with 7 1/2% hydrochloric acid, followed by a sand-water fracturing. The well was shut-in September 1, 1975, for fifteen (15) days with a SIPT of 721 psig and a SIPC of 833 psig. On September 16, 1975, 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 3235 MCFD with a calculated AOF of 9709 MCFD. The initial delivery date was October 17, 1975.

The San Juan 29-6 Unit No. 63A Well is located 1030' from the East Line and 1080' from the South Line, Section 30, Township 29 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico. This well was spudded on June 21, 1975, and completed on July 4, 1975, in the Mesaverde formation at a plug back total depth of 5613'. The Mesaverde formation was perforated with one hole at each of the following depths: 4994', 5008', 5018', 5033', 5052', 5065', 5082', 5116', 5167', 5198', 5428', 5438', 5448', 5456', 5466', 5476', 5488', 5504', 5518', 5532', 5552', 5568', 5585', and 5604'. These perforations were treated with 7 1/2% hydrochloric acid, followed by a sand-water fracturing. The well was shut-in July 7, 1975, for seven (7) days with a SIPT of 888 psig and a SIPC of 889 psig. On July 14, 1975, 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 3394 MCFD with a calculated AOF of 7255 MCFD. The initial delivery date was August 17, 1975.

The San Juan 29-6 Unit No. 62A Well is located 895' from the East Line and 790' from the South Line, Section 4, Township 29 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico. This well was spudded on November 1, 1975, and completed November 16, 1975, in the Mesaverde formation at a plug back total depth of 6120'. The Mesaverde formation was perforated with one hole at each of the following intervals: 5498', 5540', 5544', 5555', 5560', 5816', 5822', 5828', 5868', 5874', 5880', 5892', 5898', 5906', 5912', 5934', 5940', 5946', 5952', 5958', 5970', 5976', 5982', and 6034'. These perforations were treated with 7 1/2% hydrochloric acid, followed by a sand-water fracturing. The well was shut-in November 16, 1975, for eight (8) days with a SIPT of 557 psig and a SIPC of 557 psig. On November 24, 1975, 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 1889 MCFD with a calculated AOF of 3516 MCFD.

The San Juan 29-6 Unit No. 16A Well is located 990' from the North Line and 910' from the West Line, Section 32, Township 29 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico. This well was spudded on June 9, 1975, and completed on June 21, 1975, in the Mesaverde formation at a plug back total depth of 5625'. The Mesaverde formation was perforated with one hole at each of the following depths: 5024', 5036', 5060', 5074', 5100', 5134', 5174', 5206', 5334', 5418', 5430', 5446', 5456', 5464', 5472', 5482', 5496', 5506', 5520', 5544', 5564', and 5586'. These perforations were treated with 7 1/2% hydrochloric acid, followed by a sand-water fracturing. The well was shut-in June 21, 1975, for twelve (12) days with a SIPT of 837 psig and a SIPC of 853 psig. On July 3, 1975, 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 3485 MCFD with a calculated AOF of 11,007 MCFD. The initial delivery date was August 17, 1975.

The San Juan 29-6 Unit No. 68A Well is located 1000' from the South Line and 1690' from the East Line, Section 29, Township 29 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico. This well was spudded on May 26, 1975, and completed on June 8, 1975, in the Mesaverde formation at a plug back total depth of 5561'. The Mesaverde formation was perforated with one hole at each of the following depths: 5056', 5070', 5088', 5104', 5128', 5182', 5238', 5274', 5368', 5378', 5460', 5470', 5480', 5496', 5510', 5566', 5576', 5596', 5604', and 5628'. These perforations were treated with 7 1/2% hydrochloric acid, followed by a sand-water fracturing. The well was shut-in June 9, 1975, for eight (8) days with a SIPT of 779 psig and SIPC of 808 psig. On June 17, 1975, 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 1822 MCFD with a calculated AOF of 2492 MCFD. The initial delivery date was August 8, 1975.

The San Juan 29-6 Unit No. 56A Well is located 930' from the North Line and 1550' from the West Line, Section 33, Township 29 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico. This well was spudded on September 14, 1975, and completed on September 28, 1975, in the Mesaverde formation at a plug back total depth of 5630'. The Mesaverde formation was perforated

with one hole at each of the following depths:

5008', 5014', 5020', 5032', 5040', 5050', 5066',
5080', 5096', 5124', 5136', 5204', 5370', 5390',
5428', 5434', 5450', 5458', 5466', 5472', 5480',
5514', 5520', 5532', 5542', 5558', and 5592'.

These perforations were treated with 7 1/2% hydrochloric acid, followed by a sand-water fracturing. The well was shut-in September 28, 1975, for eight (8) days with a SIPT of 601 psig and a SIPC of 659 psig. On October 6, 1975, 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 2495 MCFD with a calculated AOF of 5757 MCFD. The initial delivery date was November 14, 1975.

The San Juan 29-6 Unit No. 53A Well is located 800' from the South Line and 1570' from the East Line, Section 31, Township 29 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico. This well was spudded on August 2, 1975, and completed on August 17, 1975, in the Mesaverde formation at a plug back total depth of 6031'. The Mesaverde formation was perforated with one hole at each of the following depths: 5418', 5422', 5430', 5436', 5442', 5470', 5476', 5828', 5832', 5840', 5846', 5862', 5870', 5896', 5912', 5928', 5938', 5946', 5983', and 5988'. These perforations were treated with 7 1/2% hydrochloric acid, followed by a sand-water fracturing. The well was shut-in August 18, 1975, for seven (7) days with a SIPT of 722 psig and a SIPC of 801 psig. On August 25, 1975, 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 3093 MCFD with a calculated AOF of 6590 MCFD. The initial delivery date was October 8, 1975.

The San Juan 29-6 Unit No. 51A Well is located 800' from the North Line and 1140' from the West Line, Section 31, Township 29 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico. This well was spudded on July 5, 1975, and completed on July 19, 1975, in the Mesaverde formation at a plug back total depth of 5916'. The Mesaverde formation was perforated with one hole at each of the following depths: 5270', 5288', 5297', 5307', 5324', 5334', 5349', 5359', 5373', 5383', 5398', 5414', 5465', 5510', 5702', 5712', 5722', 5732', 5744', 5771', 5782', 5792', 5806', 5822', 5838', and 5860'. These perforations were treated with 7 1/2% hydrochloric acid, followed by a sand-water fracturing. The well was shut-in July 18, 1975, for seven (7) days with a SIPT of 778 psig and SIPC of 797 psig. On

July 25, 1975, 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 2921 MCFD with a calculated AOF of 5967 MCFD. The initial delivery date was September 18, 1975.

The San Juan 29-6 Unit No. 2A Well is located 1810' from the West Line and 1545' from the North Line, Section 14, Township 29 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico. This well was spudded on October 14, 1975, and completed on November 1, 1975, in the Mesaverde formation at a plug back total depth of 6165'. The Mesaverde formation was perforated with one hole at each of the following depths: 5462', 5476', 5484', 5504', 5518', 5526', 5534', 5542', 5550', 5560', 5614', 5630', 5638', 5692', 5726', 5747', 5824', 5866', 5874', 5902', 5926', 5940', 5948', 5956', 5960', 5966', 5973', 5998', 6034', 6042', 6122', and 6132'. These perforations were treated with 7 1/2% hydrochloric acid, followed by a sand-water fracturing. The well was shut-in November 1, 1975, for nine (9) days with a SIPT of 596 psig and a SIPC of 708 psig. On November 10, 1975, the well was tested and after flowing for three (3) hours through a 3/4 inch variable choke on a 2 3/8 inch tubing, the well gauged 2751 MCFD with a calculated AOF of 12,417 MCFD.

The San Juan 29-6 Unit No. 8A Well is located 1590' from the West Line and 460' from the North Line, Section 1, Township 29 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico. This well was spudded on October 2, 1975, and completed on October 15, 1975, in the Mesaverde formation at a plug back depth of 6020'. The Mesaverde formation was perforated with one hole at each of the following depths: 5430', 5444', 5452', 5458', 5476', 5488', 5496', 5516', 5528', 5534', 5556', 5606', 5610', 5616', 5754', 5762', 5770', 5778', 5786', 5792', 5828', 5836', 5858', 5864', 5872', 5878', 5896', and 6016'. These perforations were treated with 7 1/2% hydrochloric acid, followed by a sand-water fracturing. The well was shut-in October 15, 1975, for twelve (12) days with a SIPT of 730 psig and a SIPC of 734 psig. On October 28, 1975, 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 2719 MCFD with a calculated AOF of 5562 MCFD.

The San Juan 29-6 Unit No. 34A Well is located 910' from the East Line and 1840' from the South Line, Section 14, Township 29 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico. This well was spudded on September 28, 1975, and completed on October 14, 1975, in the Mesaverde formation at a plug back total depth of 6113'. The Mesaverde formation was perforated with one hole at each of the following depths: 5434', 5438', 5459', 5473', 5480', 5486', 5492', 5498', 5504', 5510', 5516', 5776', 5782', 5818', 5826', 5834', 5851', 5856', 5884', 5896', 5902', 5908', 5914', 5946', 5957', 6040', 6062', and 6075'. These perforations were treated with 7 1/2% hydrochloric acid, followed by a sand-water fracturing. The well was shut-in October 14, 1975, for nine (9) days with a SIPT of 477 psig and a SIPC of 621 psig. On October 24, 1975, 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 1981 MCFD with a calculated AOF of 3467 MCFD.

The San Juan 29-6 Unit No. 57A Well is located 1090' from the South Line and 890' from the East Line, Section 33, Township 29 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico. This well was spudded on September 1, 1975, and completed on September 14, 1975, in the Mesaverde formation at a plug back total depth of 5732'. The Mesaverde formation was perforated with one hole at each of the following depths: 5130', 5140', 5150', 5160', 5168', 5176', 5198', 5212', 5308', 5330', 5362', 5432', 5460', 5476', 5498', 5506', 5532', 5544', 5554', 5572', 5580', 5588', 5627', 5634', 5648', 5674', 5692', 5706', and 5720'. These perforations were treated with 7 1/2% hydrochloric acid, followed by a sand-water fracturing. The well was shut-in September 14, 1975, for seven (7) days with a SIPT of 627 psig and SIPC of 789 psig. On September 22, 1975, 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 2394 MCFD with a calculated AOF of 3695 MCFD. The initial delivery date was November 7, 1975.

The San Juan 29-6 Unit No. 15A Well is located 1465' from the West Line and 1040' from the North Line, Section 2, Township 29 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico. This well was spudded on October 28, 1975, and completed on November 10,

Regional Oil and Gas Supervisor
Commissioner of Public Lands
Oil Conservation Commission
December 23, 1975
Page 8

1975, in the Mesaverde formation at a plug back depth of 5830'. The Mesaverde formation was perforated with one hole at each of the following depths: 5254', 5260', 5266', 5272', 5572', 5578', 5584', 5590', 5612', 5616', 5622', 5628', 5634', 5654', 5660', 5666', 5672', 5676', 5812', and 5820'. These perforations were treated with 7 1/2% hydrochloric acid, followed by a sand-water fracturing. The well was shut-in November 10, 1975, for seven (7) days with a SIPT of 590 psig and a SIPC of 590 psig. On November 17, 1975, 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 1820 MCFD with a calculated AOF of 2955 MCFD.

The entire San Juan 29-6 Unit Area participates in the Mesaverde Participating Area. Therefore, 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,


Betty R. Burnett
Supervisor of Contracts and Units

BRB:cak
Enclosure
cc: Working Interest Owners

SAN JUAN 29-6 UNIT

Working Interest Owners

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

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

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

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

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

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

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

James J. Johnston
2635 Exxon Building
Houston, TX 77002

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

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

Atlantic Richfield Company
Mr. W. A. Walther, Jr.
1860 Lincoln Street
501 Lincoln Tower Building
Denver, CO 80203

Aztec Oil & Gas Company
Attention: Mr. H. L. Snider, Jr.
2000 First National Bank Building
Dallas, TX 75202

Mrs. Veva Jean Gibbard
P. O. Box 436
Sulphur, OK 73086

First National Bank of Ft. Worth
Trustee U/A/W Eula May Johnston
P. O. Box 2546
Fort Worth, TX 76101

Beta Development Company
Attention: Mr. John Hampton
P. O. Box 1659
Midland, TX 79701

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

V. A. Johnston Family Trust
P. O. Box 925
Ralls, TX 79357

Southern Union Production Company
Suite 1700 Campbell Centre
8350 North Central Expressway
Dallas, TX 75206

National Cooperative Refinery Assoc.
404 Lincoln Tower Building
Denver, CO 80202

Mr. J. Glenn Turner Estate
1700 Mercantile Bank Building
Dallas, TX 75201

SAN JUAN 29-6 UNIT

Working Interest Owners, continued

Mabelle M. Miller,
Individually & as Independent
Executrix of the Estate of
Forrest B. Miller
1224 Lois Street
P.O. Box 1445
Kerrville, Texas 78028

Union Texas Petroleum
A Division of Allied Chemical
Corporation
Attention: Donald B. Wells
Suite 1122 Lincoln Tower
1860 Lincoln Street
Denver, Colorado 80203

Union Oil Company of California
Attention: Mr. Bob Massey
P.O. Box 3372
Durango, CO 81301

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

Union Texas Petroleum
A Division of Allied Chemical Corp.
Attention: Mr. W. L. Hixon
P.O. Box 2120
Houston, TX 77001

Texas Pacific Oil Company, Inc.
Attention: Mr. L. B. Jeffers
1700 One Main Place
Dallas, TX 75250

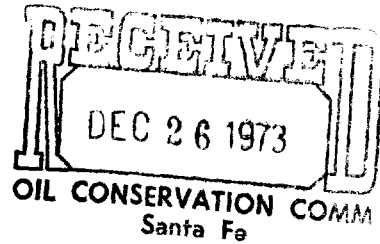
Union Oil Company of California
Attention: Mr. Harold Simpson
District Operations Manager
P.O. Box 2620
Casper, Wyoming 82601

The Wiser Oil Company
P.O. Box 192
Sistersville, WV 26175

El Paso Natural Gas Company

El Paso, Texas 79978

December 19, 1973



Regional Oil & Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico 88201

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87501

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

Re: San Juan 29-6 Unit #14-08-001-439
NOTICE OF COMPLETION OF NON-COMMERCIAL
WELL, Dakota Formation

Gentlemen:

Pursuant to Section 11(b) of the San Juan 29-6 Unit Agreement Number 14-08-001-439, approved December 5, 1952, El Paso Natural Gas Company, as Unit Operator, determined on the date set out below that the following described well, completed on lands committed to the San Juan 29-7 Unit, is not capable of producing unitized substances in paying quantities from the Dakota Formation:

The San Juan 29-6 Unit #105 well, located 1460' from the South line and 1460' from the West line of Section 28, Township 29 North, Range 6 West, N.M.P.M., was spudded on May 2, 1972, and completed on June 9, 1972, at a total depth of 7729'. The Dakota Formation in the intervals between 7604'-7610', 7642'-7648', 7680'-7686', 7704'-7710', was treated with a sand-water fracturing process on June 9, 1972. The well was shut-in on May 4, 1973, and after being shut-in for eighteen (18) days the Dakota Formation was tested on May 22, 1973, and after a three-hour blow-down period the well gauged 728 MCF/D through a 3/4" choke and 729 MCF/D by the calculated absolute

United States Geological Survey
Commissioner of Public Lands
Oil Conservation Commission
Page Two

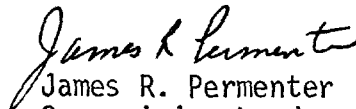
December 19, 1973

open-flow method, with an SIPC of 2667 psia. The spacing unit for this well is described as the W/2 of Section 28, Township 29 North, Range 6 West, containing 320.00 acres.

The determination that the foregoing well is non-commercial was made on December 7, 1973.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Yours very truly,



James R. Permenter
Supervising Landman
Land Department
Energy Resource Development

JRP:AEA:sn
Attachment
S.J. 28-7, 4.3, 4.3.1

cc: Mr. Antonio Martinez
Executive Director
New Mexico Oil & Gas Accounting
Commission
P. O. Box 2308
Santa Fe, New Mexico 87501

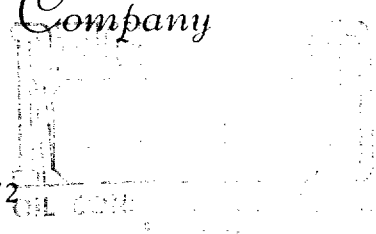
SAN JUAN 29-6 UNIT
Working Interest Owners

American Petrofina Company of Texas	Texas Pacific Oil Company, Inc.(2)
Amoco Production Company (3)	Mr. J. Glenn Turner
Atlantic Richfield Company (3)	Union Oil Company of California
Aztec Oil & Gas Company	Union Texas Petroleum Denver, Colorado
Beta Development Company	Union Texas Petroleum Houston, Texas
Mr. Tom Bolack	Mrs. Ruth M. Vaughan
First National Bank of Ft. Worth, Trustee U/A/W Eula May Johnston	The Wiser Oil Company
General American Oil Company of Texas	
Mrs. Veva Jean Gibbard	
Mr. James J. Johnston	
Mr. V. A. Johnston	
Koch Industries	
Mrs. Catherine B. McElvain, Individually and as Executrix of the Estate of T. H. McElvain, Deceased	
Mr. James E. McElvain, Executor for the Estate of Carl R. McElvain, Deceased	
Mr. J. William McElvain	
Mr. Forrest B. Miller and Mabelle M. Miller	
National Cooperative Refinery Association	
Northwest Pipeline Corporation	
Phillips Petroleum Company	
Southern Union Production Company	

El Paso Natural Gas Company

El Paso, Texas 79999

November 29, 1972



Regional Oil and Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico 88201

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87501

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

Re: San Juan 29-6 Unit #14-08-001-439
NOTICE OF COMPLETION OF ADDITIONAL
WELLS, Dakota Formation

Gentlemen:

Pursuant to Section 11(b) of the San Juan 29-6 Unit Agreement, #14-08-001-439, approved December 5, 1952, El Paso Natural Gas Company, as Unit Operator, determined on the dates set out below that two (2) additional wells capable of producing unitized substances in paying quantities from the Dakota Formation have been completed upon acreage committed to the Unit. These wells are as follows:

The San Juan 29-6 Unit #104 Well is located 985' from the South line and 1460' from the West line of Section 14, Township 29 North, Range 6 West, N.M.P.M. This well was spudded on April 8, 1972 and completed on June 27, 1972 at a total depth of 8093'. The Dakota Formation in the intervals between 7968'-7980', 8010'-8016', 8028'-8034', 8044'-8052', was treated with a sand-water fracturing

November 29, 1972

process on June 25, 1972. The Dakota Formation was shut-in on June 27, 1972, and after being shut-in for nine (9) days, the Dakota Formation was tested on July 6, 1972, and following a three (3) hour blow-down period gauged 2525 MCF/D through a 3/4" choke and 2553 MCF/D by the calculated absolute open-flow method, with an SIPC of 2508 psia and an SIPT of 2076 psia. The spacing unit for this well is described as the S/2 of Section 14, Township 29 North, Range 6 West, containing 320.00 acres.

This spacing unit was included in the San Juan 29-6 Unit First Expanded Participating Area of the Dakota Formation, effective November 1, 1963, and the completion of this well does not warrant any further expansion of the Dakota Participating Area.

The San Juan 29-6 Unit #107 Well is located 800' from the South line and 1190' from the West line of Section 36, Township 29 North, Range 6 West, N.M.P.M. This well was spudded on April 20, 1972 and completed on July 23, 1972 at a total depth of 7873'. The Dakota Formation in the intervals between 7624'-7630', 7714'-7726', 7758'-7764', 7782'-7788', 7804'-7810', 7840'-7846' was treated with a sand-water fracturing process on July 23, 1972. The Dakota Formation was shut-in on July 24, 1972 and after being shut-in for nine (9) days, the Dakota Formation was tested on August 2, 1972, and following a three (3) hour blow-down period gauged 2946 MCF/D through a 3/4" choke and 3054 MCF/D by the calculated absolute open-flow method, with an SIPC of 2453 psia and an SIPT of 1802 psia. The spacing unit for this well is described as the W/2 of Section 36, Township 29 North, Range 6 West, containing 320.00 acres.

This spacing unit was included in the San Juan 29-6 Unit Second Expanded Participating Area of the Dakota Formation, effective December 1, 1963, and the completion of this well does not warrant any further expansion of the Dakota Participating Area.

Regional Oil and Gas Supervisor
Commissioner of Public Lands
Oil Conservation Commission
Page Three

November 29, 1972

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Yours very truly,



James R. Permenter
Supervising Landman
Land Department
Energy Resource Development

JRP:DI:dks
S.J. 29-6, 4.3.1

cc: Mrs. Pepita O. Jeffus
Executive Director
New Mexico Oil & Gas Accounting Commission
P. O. Box 2308
Santa Fe, New Mexico 87501

SAN JUAN 29-6 UNIT
Working Interest Owners

American Petrofina Company of Texas

Amoco Production Company (3)

Atlantic Richfield Company (3)

Aztec Oil & Gas Company

Beta Development Company

Mr. Tom Bolack

First National Bank of Ft. Worth,
Trustee U/A/W Eula May Johnston

General American Oil Company of Texas

Mrs. Veva Jean Gibbard

Mr. James J. Johnston

Mr. V. A. Johnston

Koch Industries

Mrs. Catherine B. McElvain,
Individually and as Executrix of the
Estate of T. H. McElvain, Deceased

Mr. James E. McElvain, Executor for
the Estate of Carl R. McElvain, Deceased

Mr. J. William McElvain

Mr. Forrest B. Miller and
Mabelle M. Miller

National Cooperative Refinery Association

Phillips Petroleum Company

Texas Pacific Oil Company, Inc. (2)

Mr. J. Glenn Turner

Union Oil Company of California

Union Texas Petroleum
Denver, Colorado

Union Texas Petroleum
Houston, Texas

Mrs. Ruth M. Vaughan

The Wiser Oil Company

El Paso Natural Gas Company

El Paso, Texas 79999

November 29, 1972

419

Regional Oil and Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico

Commissioner of Public Lands
State of New Mexico
P. O. Box 791
Santa Fe, New Mexico

Oil Conservation Commission
State of New Mexico
P. O. Box 871
Santa Fe, New Mexico

Re: San Juan 29-6 Unit #14-08-001-439
NOTICE OF COMPLETION OF ADDITIONAL
WELL, Mesaverde Formation

Gentlemen:

Pursuant to Section 11(a) of the San Juan 29-6 Unit Agreement, #14-08-001-439, approved December 5, 1952, El Paso Natural Gas Company, as Unit Operator, determined that one (1) additional well capable of producing unitized substances in paying quantities from the Mesaverde Formation had been completed upon acreage committed to the unit. This well is as follows:

The San Juan 29-6 Unit #4-Y Well, located 1180' from the South line and 1175' from the West line of Section 17, Township 29 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on September 15, 1972, and completed on October 3, 1972, at a total depth of 6084' in the Mesaverde Formation. The Mesaverde Formation in the intervals between 5314'-5318', 5328'-5336', 5375'-5391', 5734'-5750', 5762'-5770', 5780'-5796', 5812'-5828', 5842'-5848', 5858'-5864', 5882'-5892', 5928'-5938', 5960'-5968', 5978'-5986', 6002'-6010', 6028'-6036' was treated with a sand-water fracturing process on October 1, 1972. The well was shut-in for gauge on

Regional Oil & Gas Supervisor
Commissioner of Public Lands
Oil Conservation Commission
Page Two

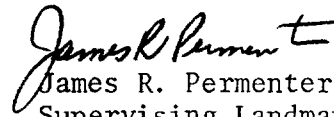
November 29, 1972

October 3, 1972, and after being shut-in for nine (9) days, the well was tested in the Mesaverde Formation on October 12, 1972, and following a three (3) hour blow-down period gauged 2974 MCFGPD through a 3/4" choke and 7642 MCFGPD by the calculated absolute open-flow method, with an SIPC of 1007 psia and an SIPT of 1003 psia. The committed drilling block upon which this well is located is described as the W/2 of Section 17, Township 29 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico, containing 320.00 acres.

This drilling block was included in the San Juan 29-6 Unit Initial Participating Area effective December 16, 1952, as an intervening drilling block. Therefore, the Participating Area is not enlarged, and the percentages remain the same.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Yours very truly,



James R. Permenter
Supervising Landman
Land Department
Energy Resource Development

JRP:DI:dks
S.J. 29-6, 4.2.1

cc: Mrs. Pepita O. Jeffus
Executive Director
New Mexico Oil & Gas Accounting Commission
P. O. Box 2308
Santa Fe, New Mexico 87501

SAN JUAN 29-6 UNIT
Working Interest Owners

American Petrofina Company of Texas

Amoco Production Company (3)

Atlantic Richfield Company (3)

Aztec Oil & Gas Company

Beta Development Company

Mr. Tom Bolack

First National Bank of Ft. Worth,
Trustee U/A/W Eula May Johnston

General American Oil Company of Texas

Mrs. Veva Jean Gibbard

Mr. James J. Johnston

Mr. V. A. Johnston

Koch Industries

Mrs. Catherine B. McElvain,
Individually and as Executrix of the
Estate of T. H. McElvain, Deceased

Mr. James E. McElvain, Executor for
the Estate of Carl R. McElvain, Deceased

Mr. J. William McElvain

Mr. Forrest B. Miller and
Mabelle M. Miller

National Cooperative Refinery Association

Phillips Petroleum Company

Texas Pacific Oil Company, Inc. (2)

Mr. J. Glenn Turner

Union Oil Company of California

Union Texas Petroleum
Denver, Colorado

Union Texas Petroleum
Houston, Texas

Mrs. Ruth M. Vaughan

The Wiser Oil Company

El Paso Natural Gas Company

El Paso, Texas 79978

May 25, 1971

411

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United States Geological Survey
Drawer 1857
Roswell, New Mexico 88201

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87501

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

Re: San Juan 29-6 Unit
#14-08-001-439
NOTICE OF COMPLETION
OF ADDITIONAL WELLS,
Dakota Formation

Gentlemen:

Pursuant to Section 11(b) of the San Juan 29-6 Unit Agreement, #14-08-001-439, approved December 5, 1952, El Paso Natural Gas Company, as Unit Operator, determined on the dates set out below that four (4) additional wells capable of producing unitized substances in paying quantities from the Dakota Formation have been completed upon acreage committed to the Unit. These wells are as follows:

The San Juan 29-6 Unit #82 Well is located 1090' from the North line and 1138' from the East line of Section 25, Township 29 North, Range 6 West, N.M.P.M. This well was spudded on March 14, 1971 and completed on March 28, 1971 at a total depth of 8048'. The Dakota Formation in the intervals between 7896'-7914', 7958'-7970', 7996'-8002', 8032'-8038' was treated with a sand-water fracturing

May 25, 1971

process on March 27, 1971. The Dakota Formation was shut-in on March 28, 1971, and after being shut-in for nine (9) days, the Dakota Formation was tested on April 6, 1971, and following a three (3) hour blow-down period gauged 6281 MCF/D through a 3/4" choke and 6665 MCF/D by the calculated absolute open-flow method, with an SIPC of 2689 psia and an SIPT of 2262 psia. The spacing unit for this well is described as the E/2 of Section 25, Township 29 North, Range 6 West, containing 233.88 acres.

This spacing unit was included in the San Juan 29-6 Unit Second Expanded Participating Area of the Dakota Formation, effective December 1, 1963, and the completion of this well does not warrant any further expansion of the Dakota Participating Area.

The San Juan 29-6 Unit #101 Well is located 990' from the North line and 940' from the East line of Section 36, Township 29 North, Range 6 West, N.M.P.M. This well was spudded on February 15, 1971 and completed on March 13, 1971 at a total depth of 7907'. The Dakota Formation in the intervals between 7607'-7613', 7688'-7704', 7734'-7746', 7768'-7776', 7830'-7836' was treated with a sand-water fracturing process on March 13, 1971. The Dakota Formation was shut-in on March 14, 1971, and after being shut-in for nine (9) days, the Dakota Formation was tested on March 22, 1971, and following a three (3) hour blow-down period gauged 3304 MCF/D through a 3/4" choke and 3387 MCF/D by the calculated absolute open-flow method, with an SIPC of 2599 psia and an SIPT of 2599 psia. The spacing unit for this well is described as the E/2 of Section 36, Township 29 North, Range 6 West, containing 234.16 acres.

This spacing unit was included in the San Juan 29-6 Unit Second Expanded Participating Area of the Dakota Formation, effective December 1, 1963, and the completion of this well does not warrant any further expansion of the Dakota Participating Area.

The San Juan 29-6 Unit #102 Well is located 1650' from the North line and 1750' from the East line of Section 10, Township 29 North, Range 6 West, N.M.P.M. This well was spudded on April 10, 1971 and completed on April 22, 1971 at a total depth of 7865'. The Dakota Formation in the intervals between 7682'-7690', 7726'-7734', 7750'-7758', 7779'-7787' was treated with a sand-water fracturing process on

May 25, 1971

April 22, 1971. The Dakota Formation was shut-in on April 23, 1971, and after being shut-in for seven (7) days, the Dakota Formation was tested on April 30, 1971, and following a three (3) hour blow-down period gauged 2021 MCF/D through a 3/4" choke and 2049 MCF/D by the calculated absolute open-flow method, with an SIPC of 2779 psia and an SIPT of 2744 psia. The spacing unit for this well is described as the E/2 of Section 10, Township 29 North, Range 6 West, containing 320.00 acres.

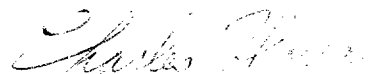
This spacing unit was included in the San Juan 29-6 Unit Sixth Expanded Participating Area of the Dakota Formation, effective June 1, 1965, and the completion of this well does not warrant any further expansion of the Dakota Participating Area.

The San Juan 29-6 Unit #103 Well is located 1755' from the North line and 1550' from the East line of Section 11, Township 29 North, Range 6 West, N.M.P.M. This well was spudded on March 28, 1971, and completed on April 10, 1971, at a total depth of 8178'. The Dakota Formation in the intervals between 8030'-8042', 8096'-8104', 8118'-8130' was treated with a sand-water fracturing process on April 9, 1971. The Dakota Formation was shut-in on April 10, 1971, and after being shut-in for thirteen (13) days, the Dakota Formation was tested on April 23, 1971, and following a three (3) hour blow-down period gauged 3474 MCF/D through a 3/4" choke and 3558 MCF/D by the calculated absolute open-flow method, with a SIPC of 2549 psia and an SIPT of 2547 psia. The spacing unit for this well is described as the N/2 of Section 11, Township 29 North, Range 6 West, containing 320.00 acres.

This spacing unit was included in the San Juan 29-6 Sixth Expanded Participating Area of the Dakota Formation, effective June 1, 1965, and the completion of this well does not warrant any further expansion of the Dakota Participating Area.

Copies of the letter are being sent to the working interest owners shown on the attached sheet.

Yours very truly,



Charles Higgins
Supervising Landman
Land Department
Energy Resource Development

DI:lj
S.J. 29-6, 4.3

cc: Mrs. Pepita O. Jeffus
Executive Director
New Mexico Oil & Gas Accounting Commission
P. O. Box 2308
Santa Fe, New Mexico 87501

SAN JUAN 29-6 UNIT
Working Interest Owners

American Petrofina Company of Texas (D)	Union Texas Petroleum (D) Denver, Colorado
Amoco Production Company (3)	
Atlantic Richfield Company (3)	Union Texas Petroleum (D) Houston, Texas
Aztec Oil & Gas Company	Mrs. Ruth M. Vaughan (D)
Beta Development Company (D)	The Wiser Oil Company (D)
Mr. Tom Bolack	
First National Bank of Ft. Worth, (D) Trustee U/A/W Eula May Johnston	
General American Oil Company of Texas	
Mrs. Veva Jean Gibbard (D)	
Mr. James J. Johnston (D)	
Mr. V. A. Johnston (D)	
Koch Industries, Inc. (D)	
Mrs. Catherine B. McElvain, (D) Individually and as Executrix of the Estate of T. H. McElvain, Deceased	
Mr. James E. McElvain, Executor for (D) the Estate of Carl R. McElvain, Deceased	
Mr. J. William McElvain (D)	
Mr. Forrest B. Miller and (D) Mabelle M. Miller	
National Cooperative Refinery Association	
Phillips Petroleum Company	
Southern Union Production Company	
Texas Pacific Oil Company, Inc. (2) (D)	
Mr. J. Glenn Turner	
Union Oil Company of California (D)	

El Paso Natural Gas Company

El Paso, Texas 79999

May 4, 1970

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United States Geological Survey
Drawer 1857
Roswell, New Mexico 88201

411

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87501

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

Re: San Juan 29-6 Unit
#14-08-001-439
NOTICE OF COMPLETION
OF ADDITIONAL WELLS,
Dakota Formation

Gentlemen:

Pursuant to Section 11(b) of the San Juan 29-6 Unit Agreement, #14-08-001-439, approved December 5, 1952, El Paso Natural Gas Company, as Unit Operator, determined on the dates set out below that three (3) additional wells capable of producing unitized substances in paying quantities from the Dakota Formation have been completed upon acreage committed to the Unit. These wells are as follows:

The San Juan 29-6 Unit #98 Well is located 1850' from the South line and 1850' from the West line of Section 26, Township 29 North, Range 6 West, N.M.P.M. This well was spudded on February 20, 1970 and completed on March 4, 1970 at a total depth of 7720'. The Dakota Formation in the intervals between 7588'-7600', 7632'-7640', 7652'-7660', 7682'-7690' was treated with a sand-water fracturing

May 4, 1970

process on March 3, 1970. The Dakota Formation was shut-in on March 9, 1970, and after being shut-in for eight (8) days, the Dakota Formation was tested on March 17, 1970, and following a three (3) hour blow-down period gauged 2775 MCF/D through a 3/4" choke and 2861 MCF/D by the calculated absolute open-flow method, with an SIPC of 2644 psia and an SIPT of 2384 psia. The spacing Unit for this well is described as the S/2 of Section 26, Township 29 North, Range 6 West, containing 320.00 acres.

This spacing Unit was included in the San Juan 29-6 Unit Second Expanded Participating Area of the Dakota Formation, effective December 1, 1963, and the completion of this well does not warrant any further expansion of the Dakota Participating Area.

The San Juan 29-6 Unit #99 Well is located 900' from the North line and 1150' from the East line of Section 34, Township 29 North, Range 6 West, N.M.P.M. This well was spudded on March 15, 1970 and completed on March 26, 1970 at a total depth of 7762'. The Dakota Formation in the intervals between 7530'-7538', 7566'-7574', 7616'-7628', 7660'-7668', 7684'-7700' was treated with a sand-water fracturing process on March 25, 1970. The Dakota Formation was shut-in on March 27, 1970, and after being shut in for ten (10) days, the Dakota Formation was tested on April 6, 1970, and following a three (3) hour blow-down period gauged 3670 MCF/D through a 3/4" choke and 3745 MCF/D by the calculated absolute open-flow method, with an SIPC of 2707 psia and an SIPT of 2693 psia. The spacing Unit for this well is described as the N/2 of Section 34, Township 29 North, Range 6 West, containing 320.00 acres.

This spacing Unit was included in the San Juan 29-6 Unit Fourth Expanded Participating Area of the Dakota Formation, effective March 1, 1965, and the completion of this well does not warrant any further expansion of the Dakota Participating Area.

The San Juan 29-6 Unit #100 Well is located 1840' from the North line and 1840' from the East line of Section 35, Township 29 North, Range 6 West, N.M.P.M. This well was spudded on March 4, 1970

Regional Oil and Gas Supervisor
Commissioner of Public Lands
Oil Conservation Commission
Page Three

May 4, 1970

and completed on March 15, 1970 at a total depth of 7828'. The Dakota Formation in the intervals between 7621'-7626', 7654'-7659', 7705'-7720', 7748'-7758', 7796'-7806' was treated with a sand-water fracturing process on March 14, 1970. The Dakota Formation was shut-in on March 16, 1970, and after being shut-in for seven (7) days, the Dakota Formation was tested on March 23, 1970, and following a three (3) hour blow-down period gauged 2805 MCF/D through a 3/4" choke and 2865 MCF/D by the calculated absolute open-flow method, with an SIPC of 2647 psia and an SIPT of 2636 psia. The spacing Unit for this well is described as the N/2 of Section 35, Township 29 North, Range 6 West, containing 320.00 acres.

This spacing Unit was included in the San Juan 29-6 Unit Second Expanded Participating Area of the Dakota Formation, effective December 1, 1963, and the completion of this well does not warrant any further expansion of the Dakota Participating Area.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Yours very truly,



Charles Higgins
Supervising Landman
Land Department

CH:DI:nja
SJ 29-6, 4.3

cc: Mrs. Pepita O. Jeffus
Executive Director
New Mexico Oil & Gas Accounting Commission
P. O. Box 2308
Santa Fe, New Mexico 87501

SAN JUAN 29-6 UNIT
Working Interest Owners

American Petrofina Company of Texas

Atlantic Richfield Company (3)

Aztec Oil & Gas Company

Beta Development Company

Mr. Tom Bolack

First National Bank of Ft. Worth,
Trustee U/A/W Eula May Johnston

General American Oil Company of Texas

Mrs. Veva Jean Gibbard

Estate of Ralph A. Johnston

Mr. V. A. Johnston

Koch Industries, Inc.

Mrs. Catherine B. McElvain,
Individually and as Executrix of the
Estate of T. H. McElvain, Deceased

Mr. James E. McElvain, Executor for
the Estate of Carl R. McElvain, Deceased

Mr. J. William McElvain

Mr. Forrest B. Miller and
Mabelle M. Miller

National Cooperative Refinery Association

Pan American Petroleum Corporation (3)

Phillips Petroleum Company

Southern Petroleum Exploration, Inc.

Southern Union Production Company

Texas Pacific Oil Company, Inc. (2)

Mr. J. Glenn Turner

Union Oil Company of California

Union Texas Petroleum (2)

Mrs. Ruth M. Vaughn

El Paso Natural Gas Company

El Paso, Texas 79999

September 29, 1969

Mr. John A. Anderson
Regional Oil and Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico 88201

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87501

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

Re: San Juan 29-6 Unit #14-08-001-439
NOTICE OF COMPLETION OF ADDITIONAL
WELLS, Dakota Formation

Gentlemen:

Pursuant to Section 11(b) of the San Juan 29-6 Unit Agreement, #14-08-001-439, approved December 5, 1952, El Paso Natural Gas Company, as Unit Operator, determined on the dates set out below that two (2) additional wells capable of producing unitized substances in paying quantities from the Dakota Formation have been completed upon acreage committed to the Unit. These wells are as follows:

The San Juan 29-6 Unit #79 Well is located 990' from the South line and 1160' from the West line of Section 24, Township 29 North, Range 6 West, N.M.P.M. This well was spudded on June 24, 1969, and completed on July 9, 1969, at a total depth of 8171'. The Dakota Formation in the intervals between 8042'-8058', 8110'-8118', 8130'-8146', was treated with a sand-water fracturing process on July 7, 1969. The Dakota Formation was shut-in on July 10, 1969, and after being shut-in for twenty-one (21) days, the Dakota Formation was tested on July 31, 1969, and following a three (3) hour blow-down period gauged 3975 MCFGPD through a 3/4" choke and 4066 MCFGPD by the calculated absolute open-flow method, with an SIPC of 2668 psia and an SIPT of 2668 psia. The spacing Unit for this well is described as the W/2 of Section 24, Township 29 North, Range 6 West, containing 320.00 acres.

Mr. John A. Anderson
Commissioner of Public Lands
Oil Conservation Commission
Page Two

September 29, 1969

This spacing Unit was included in the San Juan 29-6 Unit First Expanded Participating Area of the Dakota Formation, effective November 1, 1963, and the completion of this well does not warrant any further expansion of the Dakota Participating Area.

The San Juan 29-6 Unit #97 Well is located 990' from the South line and 1090' from the West line of Section 35, Township 29 North, Range 6 West, N.M.P.M. This well was spudded on July 26, 1969, and completed on August 9, 1969, at a total depth of 7774'. The Dakota Formation in the intervals between 7560'-7568', 7644'-7660', 7684'-7700', 7716'- 7732', was treated with a sand-water fracturing process on August 8, 1969. The Dakota Formation was shut-in on August 10, 1969, and after being shut-in for eleven (11) days, the Dakota Formation was tested on August 21, 1969, and following a three (3) hour blow-down period gauged 3485 MCFGPD through a 3/4" choke and 3550 MCFGPD by the calculated absolute open-flow method, with an SIPC of 2718 psia and an SIPT of 2716 psia. The spacing Unit for this well is described as the S/2 of Section 35, Township 29 North, Range 6 West, containing 320.00 acres.

This spacing Unit was included in the San Juan 29-6 Unit Second Expanded Participating Area of the Dakota Formation, effective December 1, 1963, and the completion of this well does not warrant any further expansion of the Dakota Participating Area.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Yours very truly,



Charles Higgins
Supervising Landman
Land Department

CH:DI:ec
SJ 29-6, 4.3

cc: Mrs. Pepita O. Jeffus
Executive Director
New Mexico Oil & Gas Accounting Commission
P. O. Box 2308
Santa Fe, New Mexico 87501

SAN JUAN 29-6 UNIT
Working Interest Owners

American Petrofina Company of Texas (D) Union Oil Company of California (D)
Atlantic Richfield Company (3) Union Texas Petroleum (2) (D)
Aztec Oil & Gas Company Mrs. Ruth M. Vaughn (D)
Beta Development Company (D)
Mr. Tom Bolack
First National Bank of Ft. Worth, (D)
Trustee U/A/W Eula May Johnston
General American Oil Company of Texas
Mrs. Veva Jean Gibbard (D)
Estate of Ralph A. Johnston (D)
Mr. V. A. Johnston (D)
Koch Industries, Inc. (D)
Mrs. Catherine B. McElvain, (D)
Individually and as Executrix of the
Estate of T. H. McElvain, Deceased
Mr. James E. McElvain, Executor for
the Estate of Carl R. McElvain, Deceased
Mr. J. William McElvain (D)
Mr. Forrest B. Miller and (D)
Mabelle M. Miller
National Cooperative Refinery Association
Pan American Petroleum Corporation (3)
Phillips Petroleum Company
Southern Petroleum Exploration, Inc. (D)
Southern Union Production Company
Texas Pacific Oil Company Inc. (2)
Mr. J. Glenn Turner

El Paso Natural Gas Company

El Paso, Texas 79999

July 28, 1967

Director
United States Geological Survey
Department of the Interior
Washington 25, D. C.

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87501

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

57 AUG 3 1967

Re: San Juan 29-6 Unit, #14-08-001-439
Rio Arriba County, New Mexico
NOTICE OF COMPLETION OF ADDITIONAL
WELL

Gentlemen:

Pursuant to Section 11 (b) of the San Juan 29-6 Unit Agreement, #14-08-001-439, approved December 5, 1952, El Paso Natural Gas Company, as Unit Operator, determined on the date set out below that one (1) additional well capable of producing unitized substances in paying quantities from the Dakota Formation has been completed upon acreage committed to this Unit. This well is as follows:

The San Juan 29-6 Unit #95 Well, located 1650' from the South line and 1075' from the West line of Section 34, Township 29 North, Range 6 West, N.M.P.M. Said well was spudded on May 13, 1967, and completed on June 9, 1967, at a total depth of 7785'. The Dakota Formation in the intervals between 7604'-7614' and 7678'-7685' was treated with a sand-water fracturing process. This well was shut-in on June 10, 1967, and after being shut-in for eleven (11) days, the Dakota Formation was tested on June 21, 1967, and following a three (3) hour blow-down period gauged 3705 MCFGPD through a 3/4" choke and 4158 MCFGPD by the calculated absolute open-flow method, with an SIPT of 2632 psia and an SIPC of 2643 psia. The committed spacing unit upon which this well is located is described as the S/2 of Section 34, Township 29 North, Range 6 West, N.M.P.M., containing 320.00 acres.

July 28, 1967

The spacing unit for the #95 Well was included in the San Juan 29-6 Unit Fourth Expanded Participating Area for the Dakota Formation, effective March 1, 1965, and the completion of this well does not warrant any further expansion of the Dakota Participating Area.

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

Yours very truly,

EL PASO NATURAL GAS COMPANY



Charles Higgins
Assistant Supervising Landman
Land Department

CH:CTR:sb

Attachment

SAN JUAN 29-6 UNIT
WORKING INTEREST OWNERS

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

Aztec Oil & Gas Company
Attention: Mr. H. L. Snider, Jr.
2000 First National Bank Building
Dallas, Texas 75202

Beta Development Company
Attention: Mr. John Hampton
234 Petroleum Club Plaza
Farmington, New Mexico 87401

Beta Development Company
P. O. Box 1659
Midland, Texas 79701

Mr. Tom Bolack
1010 North Dustin Drive
Farmington, New Mexico 87401

General American Oil Company of Texas
Attention: Mr. James W. Goss, Jr.
Meadows Building
Dallas, Texas 75206

Mrs. Veva Jean Gibbard
P. O. Box 436
Sulphur, Oklahoma 73086

Estate of Eula May Johnston
First National Bank of Ft. Worth, Trustee
P. O. Box 2260
Fort Worth, Texas 76101

Mr. Ralph A. Johnston
2635 Humble Building
Houston, Texas 77002

Mr. V. A. Johnston
P. O. Box 336
Ralls, Texas 79357

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

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

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

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

Pan American Petroleum Corporation (3)
Attention: Mr. T. M. Curtis
Security Life Building
Denver, Colorado 80202

Phillips Petroleum Company
Attention: Mr. R. A. Wolgast
1300 Security Life Building
Denver, Colorado 80202

Rock Island Oil & Refining Co., Inc.
321 West Douglas
Wichita, Kansas 67202

Sinclair Oil & Gas Company (3)
Attention: Mr. S. K. Van Steenberg
and Mr. W. A. Walther, Jr.
501 Lincoln Tower Building
1860 Lincoln Street
Denver, Colorado 80203

Southern Petroleum Exploration, Inc.
c/o Mr. John C. Wright
Box 192
Sistersville, West Virginia 26175

Texas Pacific Oil Company (2)
Attention: Mr. L. B. Jeffers
Box 747
Dallas, Texas 75221

Southern Union Production Company
Fidelity Union Tower
1507 Pacific Avenue
Dallas, Texas 75201

SAN JUAN 29-6 UNIT

WORKING INTEREST OWNERS - Page 2

Mr. J. Glenn Turner
1700 Mercantile Bank Building
Dallas, Texas 75201

Union Oil Company of California
Attention: Gas Department
1860 Lincoln Street
Denver, Colorado 80203

Union Texas Petroleum (2)
A Division of Allied Chemical Corporation
Attention: Mr. Troy C. Simpson
Suite B-400, 1740 Broadway
Denver, Colorado 80202

United States Smelting, Refining & Mining Co.
Oil Operations
P. O. Box 1980
Salt Lake City, Utah 84110

Mrs. Ruth M. Vaughn
300 Caversham Road
Bryn Mawr, Pennsylvania 19010

El Paso Natural Gas Company

El Paso, Texas 79999

December 23, 1966

417

Mr. John A. Anderson
Regional Oil and Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico 88201

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Commission
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
TENTH EXPANDED PARTICIPATING AREA,
DAKOTA FORMATION
Effective July 1, 1966

Gentlemen:

The Revised Tenth Expanded Participating Area of the Dakota Formation for the San Juan 29-6 Unit #14-08-001-439, Rio Arriba County, New Mexico, was approved by the regulatory bodies on the following dates:

United States Geological Survey	-	December 13, 1966
Commissioner of Public Lands State of New Mexico	-	October 25, 1966
Oil Conservation Commission State of New Mexico	-	October 31, 1966

Copies of this letter are being sent to the working interest owners of the San Juan 29-6 Unit.

Yours very truly,



Charles Higgins
Assistant Supervising Landman
Land Department

CH:CTR:sb
San Juan 29-6, 4.3



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Drawer 1357
Roswell, New Mexico 88201

December 20, 1966

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas 79999

Attention: Mr. Harry Gevertz

Gentlemen:

The tenth revision of the Dakota participating area, San Juan 29-6 unit agreement, Rio Arriba County, New Mexico, was approved by the Acting Director, Geological Survey, on December 13, 1966, effective July 1, 1966.

Four approved copies of the application are enclosed. You are requested to furnish the State of New Mexico and any other interested party with appropriate evidence of this approval.

Sincerely yours,

(Orig.Sgd.) CARL C. TRAYWICK

CARL C. TRAYWICK
Acting Oil and Gas Supervisor

cc:

Washington (ltr. only)
Farmington (w/cy application)
NMOCC - Santa Fe (ltr. only) ✓
Com. of Pub. Lands - Santa Fe (ltr. only)

November 28, 1966

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas

Re: San Juan 29-6 Unit
Rio Arriba County, New Mexico

ATTENTION: Mr. Harry Gevertz

Gentlemen:

Pursuant to your letter of November 9, 1966, regarding Well No. 96 in San Juan 29-6 Unit, Rio Arriba County, New Mexico.

The Commissioner of Public Lands concurs with your determination that well No. 96 located in the SW/4SW/4 of Section 2, Township 29N, Range 6 West, is noncommercial.

We are returning one approved copy of this determination.

Very truly yours,

GUYTON B. HAYS
COMMISSIONER OF PUBLIC LANDS

BY:
Ted Bilberry, Director
Oil and Gas Department

GBH/MMR/s

encl. 1.

cc: OCC

Santa Fe, New Mexico
USGS
Roswell, New Mexico

El Paso Natural Gas Company

El Paso, Texas 79999

November 9, 1966

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico

Re: San Juan 29-6 Unit #14-08-001-493
Rio Arriba County, New Mexico
**NOTICE OF COMPLETION OF
NONCOMMERCIAL WELL IN THE DAKOTA
FORMATION**

Dear Sir:

Pursuant to the provisions of Section 11 (b) of the San Juan 29-6 Unit Agreement, approved December 5, 1952, El Paso Natural Gas Company, as Unit Operator, has determined that the following described well is not capable of producing unitized substances in paying quantities from the Dakota Formation. This well was drilled by Beta Development Company as a sub-operator in accordance with the provisions of Section 13 of the Unit Agreement, as follows:

The San Juan 29-6 Unit #96 Well, located 1,185' from the South line and 1,170' from the West line of Section 2, Township 29 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on May 21, 1966, and completed on June 18, 1966, at a total depth of 7,898'. The Dakota Formation from 7753' - 7768', 7784' - 7792', 7794' - 7798', 7803' - 7807', 7811' - 7813', 7831' - 7836', 7850' - 7856' was treated with a sand-water fracturing process. The Dakota Formation was shut-in for gauge on June 27, 1966, and after being shut-in for eight (8) days, the Dakota Formation was tested on July 5, 1966, and following a three (3) hour blow-down period gauged 1589 MCFGPD through a 3/4" choke, and 1652 MCFGPD by the calculated absolute open flow method, with an SIPT of 2603 psia and a SIPC of 2603 psia. The Dakota Formation was shut-in for gauge again on July 5, 1966, and after being shut-in for fifteen (15) days, the Dakota Formation was retested on July 20, 1966, and following a three (3) hour blow-down period gauged 1496 MCFGPD through a 3/4" choke, and 1555 MCFGPD by the calculated absolute open flow method with a SIPT of 2630 psia and a SIPC of 2632 psia.

Therefore, based on the initial potential of this well, and related geological data, the Unit Operator has determined that the well is noncommercial. The working interest owners of the Dakota Participating Area in the Unit have concurred in this determination.

November 9, 1966

If this determination meets with your approval, please indicate such approval in the space provided and return one approved copy hereof for our files.

Copies of this letter are being sent to the United States Geological Survey and the Oil Conservation Commission of the State of New Mexico, as well as the working interest owners shown on the attached sheet.

Yours very truly,

EL PASO NATURAL GAS COMPANY

By



Harry Gevertz
Supervising Landman
Land Department

HG:CTR:jm

San Juan 29-6 Unit, 4.3, 5.0
NM-6683
NM-6688

APPROVED: _____
Commissioner of Public Lands
State of New Mexico

DATE: _____

cc: Mr. John Anderson
Regional Oil & Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico

Oil Conservation Commission
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico

SAN JUAN 29-6 UNIT
Working Interest Owners

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

Aztec Oil & Gas Company
Attention: Mr. H. L. Snider, Jr.
2000 First National Bank Building
Dallas, Texas 75202

Beta Development Company
Attention: Mr. John Hampton
234 Petroleum Club Plaza
Farmington, New Mexico 87401

Beta Development Company
P. O. Box 1659
Midland, Texas 79701

Mr. Tom Bolack
1010 North Dustin Drive
Farmington, New Mexico 87401

General American Oil Company of Texas
Attention: Mr. James W. Goss, Jr.
Meadows Building
Dallas, Texas 75206

Mrs. Veva Jean Gibbard
P. O. Box 436
Sulphur, Oklahoma 73086

Estate of Eula May Johnston
First National Bank of Ft. Worth, Trustee
P. O. Box 2260
Fort Worth, Texas 76101

Mr. Ralph A. Johnston
2635 Humble Building
Houston, Texas 77002

Mr. V. A. Johnston
P. O. Box 336
Ralls, Texas 79357

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

Mr. Carl R. McElvain
309 West Jefferson Street
Morris, Illinois 60450

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

Mr. Forrest B. Miller and
Mabelle M. Miller
220 Shelby Street
Santa Fe, New Mexico

Pan American Petroleum Corporation (3)
Attention: Mr. T. M. Curtis
Security Life Building
Denver, Colorado 80202

Phillips Petroleum Company
Attention: Mr. R. A. Wolgast
1300 Security Life Building
Denver, Colorado 80202

Rock Island Oil & Refining Co., Inc.
321 West Douglas
Wichita, Kansas 67202

Sinclair Oil & Gas Company (3)
Attention: Mr. S. K. VanSteenbergh and
Mr. W. A. Walther, Jr.
501 Lincoln Tower Building
Denver, Colorado 80203

Southern Petroleum Exploration, Inc.
C/O Mr. John C. Wright
Box 192
Sistersville, West Virginia 26175

Texas Pacific Oil Company (2)
Attention: Mr. L. B. Jeffers
Box 747
Dallas, Texas 75221

Southern Union Production Company
Fidelity Union Tower
1507 Pacific Avenue
Dallas, Texas 75201

SAN JUAN 29-6 UNIT
PAGE 2

Mr. J. Glenn Turner
1900 Mercantile Dallas Building
Dallas, Texas 75201

Union Oil Company of California
Attention: Gas Department
1700 Broadway
Denver, Colorado 80202

Union Texas Petroleum
A Division of Allied Chemical Corporation
Attention: Mr. Troy C. Simpson
Suite B-400, 1740 Broadway
Denver, Colorado 80202

United States Smelting, Refining & Mining Co.
P. O. Box 1877
900 Wilco Building
Midland, Texas 79701

Mrs. Ruth M. Vaughn
300 Caversham Road
Bryn Mawr, Pennsylvania 19010

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO

419

October 31, 1966

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas 79999

Attention: Mr. Harry Gevertz

Re: Tenth Expanded Participating
Area, Dakota Formation
San Juan 29-6 Unit, Rio Arriba
County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Tenth Expanded Participating Area, Dakota Formation for the San Juan 29-6 Unit, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

Seven approved copies of the application are being forwarded to the United States Geological Survey, Roswell, New Mexico.

Very truly yours,

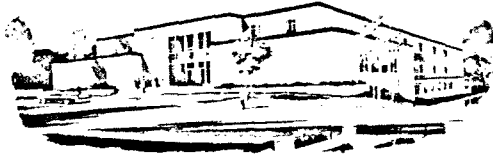
A. L. PORTER, Jr.,
Secretary-Director

ALP/JEK/og

cc: Commissioner of Public Lands - Santa Fe
United States Geological Survey - Roswell

C
O
P
Y

State of New Mexico



Commissioner of Public Lands



P. O. BOX 1148
SANTA FE, NEW MEXICO

GUYTON B. HAYS
COMMISSIONER

October 25, 1966

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas

Re: San Juan 29-6 Unit
Rio Arriba County, New Mexico
Tenth Expanded Participating Area
Dakota Formation

ATTENTION: Mr. Harry Gevertz

Gentlemen :

The Commissioner of Public Lands approves your application for the Tenth Expanded Participating Area, Dakota Formation, San Juan 29-6 Unit, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

We are handing eight approved copies to the Oil Conservation Commission for their consideration and requesting them to forward at least five copies to the United States Geological Survey, Roswell, New Mexico.

This office requires only two copies and requests that you notify us as to the approval by the other two agencies.

Very truly yours,

GUYTON B. HAYS
COMMISSIONER OF PUBLIC LANDS

BY:
Ted Bilberry, Director
Oil and Gas Department

GBH/MMR/s

El Paso Natural Gas Company
October 25, 1966
-page 2-

cc: United States Geological Survey
P. O. Drawer 1857
Roswell, New Mexico

Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico

El Paso Natural Gas Company

El Paso, Texas 79999

October 14, 1966

Director
United States Geological Survey
Department of the Interior
Washington 25, D. C.

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico

Oil Conservation Commission
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico

STATE OFFICE
SANTA FE, N.M.
OCT 17 9 55 AM '66

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
APPLICATION FOR APPROVAL OF THE
TENTH EXPANDED PARTICIPATING AREA,
Dakota Formation, Effective
July 1, 1966

Gentlemen:

Pursuant to Section 11 (b) of the San Juan 29-6 Unit Agreement #14-08-001-439, approved December 5, 1952, El Paso Natural Gas Company, as Unit Operator, submits for your approval the Tenth Expanded Participating Area of the Dakota Formation, which includes, in addition to the lands previously admitted to the Dakota Participating Area, the following selection of lands:

TENTH EXPANDED PARTICIPATING AREA - EFFECTIVE JULY 1, 1966

Township 29 North, Range 6 West, N.M.P.M.
Section 24: E/2
Containing 233.34 acres, more or less

The lands described above are proven to be productive by the following well:

The San Juan 29-6 Unit #80 Well, located 1,640' from the North line and 825' from the East line of Section 24, Township 29 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on June 14, 1966 and completed on July 10, 1966, at a total depth of 8130'. The Dakota Formation from 8018' - 8024', 8026' - 8032', 8064' - 8072', 8080' - 8088' was treated with a sand-water fracturing process. The well was shut-in on July 12, 1966, and after being shut-in for eight (8) days the Dakota Formation was tested on July 20, 1966, and after a three (3) hour blow-down period the

well gauged 3,777 MCFGPD through a 3/4" choke and 4,406 MCFGPD by the calculated absolute open-flow method with a SIPT of 2,469 psia and a SIPC of 2,469 psia.

In support of this application, the following listed Exhibits are made a part hereof:

EXHIBIT "A"

Ownership map reflecting the boundaries of the Unit and the proposed Tenth Expansion of the Dakota Participating Area.

EXHIBIT "B"

Geological report on the Tenth Expansion of the Dakota Participating Area within the San Juan 29-6 Unit.

EXHIBIT "C"

Structural Contour Maps.

EXHIBIT "D"

Schedule of Dakota Gas Production.

Attached is Schedule XI which shows the proposed Tenth Expanded Participating Area for the Dakota Formation in the San Juan 29-6 Area. This Schedule describes the Expanded Participating Area, shows the percentages of unitized substances allocated to each unitized tract, and the percentages of ownership in each tract.

If the Tenth Expanded Participating Area of the Dakota Formation meets with your approval, please indicate such approval in the space provided on the attached sheet and return an approved copy hereof for our files.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By



Harry Gevertz
Supervising Landman
Land Department

HG:CTR:je
Enclosures

APPROVED: _____
Director, United States Geological Survey
Subject to like approval by the appropriate
State Officials.

DATE: _____

APPROVED: Clinton B. Wang
Commissioner of Public Lands
Subject to like approval by the United
States Geological Survey and the Oil
Conservation Commission.

DATE: February 25, 1966

APPROVED: A. L. Carter, Jr.
Oil Conservation Commission
Subject to like approval by the United
States Geological Survey and the
Commissioner of Public Lands.

DATE: Oct 31, 1966

The foregoing approvals are for the Tenth Expanded Participating Area for the
Dakota Formation, San Juan 29-6 Unit, #14-08-001-439, Rio Arriba County, New
Mexico.

SAN JUAN 29-6 UNIT
Working Interest Owners

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

Aztec Oil & Gas Company
Attention: Mr. H. L. Snider, Jr.
2000 First National Bank Building
Dallas, Texas 75202

Beta Development Company
Attention: Mr. John Hampton
234 Petroleum Club Plaza
Farmington, New Mexico 87401

Beta Development Company
P. O. Box 1659
Midland, Texas 79701

Mr. Tom Bolack
1010 North Dustin Drive
Farmington, New Mexico 87401

General American Oil Company of Texas
Attention: Mr. James W. Goss, Jr.
Meadows Building
Dallas, Texas 75206

Mrs. Veva Jean Gibbard
P. O. Box 436
Sulphur, Oklahoma 73086

Estate of Eula May Johnston
First National Bank of Ft. Worth, Trustee
P. O. Box 2260
Fort Worth, Texas 76101

Mr. Ralph A. Johnston
2635 Humble Building
Houston, Texas 77002

Mr. V. A. Johnston
P. O. Box 336
Ralls, Texas 79357

Mrs. Catherine B. McElvain
Individually and as Executrix of the
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Box 2148
Santa Fe, New Mexico 87501

Mr. Carl R. McElvain
309 West Jefferson Street
Morris, Illinois 60450

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

Mr. Forrest B. Miller and
Mabelle M. Miller
220 Shelby Street
Santa Fe, New Mexico

Pan American Petroleum Corporation (3)
Attention: Mr. T. M. Curtis
Security Life Building
Denver, Colorado 80202

Phillips Petroleum Company
Attention: Mr. R. A. Wolgast
1300 Security Life Building
Denver, Colorado 80202

Rock Island Oil & Refining Co., Inc.
321 West Douglas
Wichita, Kansas 67202

Sinclair Oil & Gas Company (3)
Attention: Mr. S. K. Van Steenberg and
Mr. W. A. Walther, Jr.
501 Lincoln Tower Building
Denver, Colorado 80203

Southern Petroleum Exploration, Inc.
c/o Mr. John C. Wright
Box 192
Sistersville, West Virginia 26175

Texas Pacific Oil Company (2)
Attention: Mr. L. B. Jeffers
Box 747
Dallas, Texas 75221

Southern Union Production Company
Fidelity Union Tower
1507 Pacific Avenue
Dallas, Texas 75201

Mr. J. Glenn Turner
1900 Mercantile Dallas Building
Dallas, Texas 75201

Union Oil Company of California
Attention: Gas Department
1700 Broadway
Denver, Colorado 80202

Union Texas Petroleum Division
Allied Chemical Corporation
1200 Skirvin Tower
Oklahoma City, Oklahoma 73102

United States Smelting, Refining & Mining Co.
P. O. Box 1877
900 Wilco Building
Midland, Texas 79701

Mrs. Ruth M. Vaughn
300 Caversham Road
Bryn Mawr, Pennsylvania 19010

1111
17
156
155
El Paso Natural Gas Company

El Paso, Texas 79999

October 14, 1966

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico

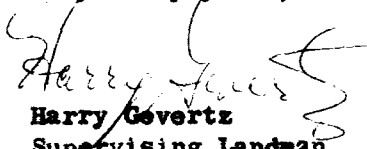
Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
TENTH EXPANDED PARTICIPATING AREA
Dakota Formation

Dear Sir:

Enclosed for your approval are ten copies of the Tenth Expanded Participating Area of the Dakota Formation covering the above described Unit.

If this Expansion meets with your approval, please execute all copies and forward them to the Oil Conservation Commission for their approval and execution. After the Expansion has been signed by the Commissioner of Public Lands and the Oil Conservation Commission, the Commissioner of Public Lands should retain two file copies and the Oil Conservation Commission should retain one file copy, and seven copies should be forwarded to the United States Geological Survey in Roswell, New Mexico, for approval. After this Expansion has been approved and signed by the United States Geological Survey, four copies thereof should be returned to El Paso.

Very truly yours,


Harry Gevertz
Supervising Landman
Land Department

HG:CTR:je
Enclosures

cc: Mr. John A. Anderson
Regional Oil & Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico

Oil Conservation Commission
State of New Mexico
P. O. Box 2088
Santa Fe, New Mexico

San Juan 29-6 Unit 4.3, 5.0

COPY

El Paso Natural Gas Company

El Paso, Texas 79999

August 24, 1966

11 AM 7
AUG 29 1966

419

Mr. John Anderson
Regional Oil and Gas Supervisor
United States Geological Survey
Roswell, New Mexico

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico

Oil Conservation Commission
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
**REVISED NINTH EXPANDED PARTICIPATING
AREA, DAKOTA FORMATION**
Effective November 1, 1965

Gentlemen:

The Revised Ninth Expanded Participating Area of the Dakota Formation for the San Juan 29-6 Unit #14-08-001-439, Rio Arriba County, New Mexico, was approved by the regulatory bodies on the following dates:

United States Geological Survey - August 15, 1966

Commissioner of Public Lands - July 18, 1966
State of New Mexico

Oil Conservation Commission - July 19, 1966
State of New Mexico

Copies of this letter are being sent to the working interest owners of the San Juan 29-6 Unit.

Yours very truly,


Harry Gevertz
Supervising Landman
Land Department

HG:CTR:kw
San Juan 29-6, 4.3



IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Drawer 1857
Roswell, New Mexico 88201

417
August 23, 1966

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas 79999

Attention: Mr. T. W. Bittick

Gentlemen:

The ninth revision of the Dakota participating area, San Juan 29-6 unit agreement, Rio Arriba County, New Mexico, was approved by the Acting Director, Geological Survey, on August 15, 1966, effective as of November 1, 1965.

Four approved copies of the application are enclosed. You are requested to furnish the State of New Mexico and any other interested party with appropriate evidence of this approval.

Sincerely yours,

(ORIG. SGD.) JOHN A. ANDERSON

JOHN A. ANDERSON
Regional Oil and Gas Supervisor

cc:

Washington (ltr. only)
Farmington (w/cy appl.)
NMOCC, Santa Fe (ltr. only) ✓
Com. of Public Lands, (ltr. only)
Santa Fe

El Paso Natural Gas Company

El Paso, Texas 79999

August 4, 1966

Mr. John A. Anderson
Regional Oil and Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico

Oil Conservation Commission
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 29-6 Unit #14-08-001-493
Rio Arriba County, New Mexico
NOTICE OF COMPLETION OF NONCOMMERCIAL
WELL IN THE DAKOTA FORMATION

Gentlemen:

El Paso Natural Gas Company, as Unit Operator of the San Juan 29-6 #14-08-001-493, Rio Arriba County, New Mexico, determined that the San Juan No. 94 Dakota Well in the SW/4 Sec. 16, T-29-N, R-6-W, N.M.P.M., was noncommercial, and, pursuant to the provisions of Section 11 (b) of the Unit Agreement, requested by letter dated May 18, 1966, the approval of the Commissioner of Public Lands for the State of New Mexico, Santa Fe, New Mexico, on such determination.

On July 25, 1966, this noncommercial determination became final when the Commissioner of Public Lands concurred with the Unit Operator's findings.

Copies of this letter are being sent to the working interest owners of the San Juan 29-6 Unit.

Very truly yours,

EL PASO NATURAL GAS COMPANY


Harry Gevertz
Supervising Landman
Land Department

HG:CTR:sb

San Juan 29-6 Unit 4.3, 5.0

NM 6682

cc: Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

419

July 19, 1966

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas 79999

Attention: Mr. T. W. Bittick

Re: Revised Ninth Expansion
Dakota Participating Area
San Juan 29-6 Unit, Rio
Arriba County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the revised Ninth Expanded Participating Area, Dakota Formation, for the San Juan 29-6 Unit, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

Seven approved copies of the application are being forwarded to the United States Geological Survey, Roswell, New Mexico.

Very truly yours,

A. L. PORTER, Jr.,
Secretary-Director

ALP/JEK/og

cc: Commissioner Public Lands - Santa Fe
United States Geological Survey - Roswell

C
O
P
Y

MAIL OFFICE 0100

66 JUL 10 AM 7 38

El Paso Natural Gas Company

El Paso, Texas 79999

July 7, 1966

417

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico

Re: San Juan 29-6 Unit #14-08-001-1051,
Rio Arriba County, New Mexico
**REVISED APPLICATION FOR APPROVAL OF
THE NINTH EXPANDED PARTICIPATING
AREA, DAKOTA FORMATION**

Dear Sir:

Enclosed for your approval are ten copies of the revised Ninth Expanded Participating Area of the Dakota Formation covering the above described Unit. As indicated in the enclosed letter, the United States Geological Survey recommended that additional lands be brought into participation by this Expansion. El Paso Natural Gas Company, as Unit Operator, concurred in this recommendation and the Ninth Expansion has been revised accordingly.

If this revised Expansion meets with your approval, please execute all copies and forward them to the Oil Conservation Commission for their approval and execution. After the Expansion has been signed by the Commissioner of Public Lands and the Oil Conservation Commission, the Commissioner of Public Lands should retain two file copies and the Oil Conservation Commission should retain one file copy, and seven copies should be forwarded to the United States Geological Survey in Roswell, New Mexico, for approval. After the revised Expansion has been approved and signed by the United States Geological Survey, four copies thereof should be returned to El Paso.

Very truly yours,

EL PASO NATURAL GAS COMPANY

Original Signed By
CHARLES HIGGINS
Charles Higgins
Assistant Supervising Landman
Land Department

CH:CTR:sb
Enclosures
San Juan 29-6 Unit 4.3, 5.0

cc: Mr. John A. Anderson
Regional Oil & Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico

Oil Conservation Commission
State of New Mexico
P. O. Box 2088
Santa Fe, New Mexico

719
El Paso Natural Gas Company

El Paso, Texas

June 27, 1966

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico

Oil Conservation Commission
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 29-6 Unit #14-08-001-493
Rio Arriba County, New Mexico
NOTICE OF COMPLETION OF NONCOMMERCIAL
WELL IN THE DAKOTA FORMATION

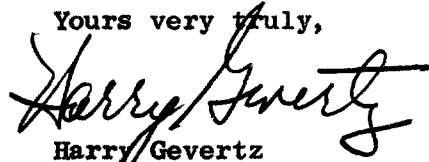
Gentlemen:

El Paso Natural Gas Company, as Unit Operator of the San Juan 29-6 Unit #14-08-001-493, Rio Arriba County, New Mexico, determined that the San Juan No. 88 Dakota Well in the SW/4 Sec. 33, T-29-N, R-6-W, N.M.P.M., was noncommercial, and, pursuant to the provisions of Section 11(b) of the Unit Agreement, requested by letter dated June 6, 1966 the approval of the United States Geological Survey on such determination.

On June 17, 1966, this noncommercial determination became final when the Regional Oil and Gas Supervisor of the United States Geological Survey, Roswell, New Mexico, concurred with the Unit Operator's findings.

Copies of this letter are being sent to the working interest owners of the San Juan 29-6 Unit.

Yours very truly,



Harry Gevertz
Supervising Landman
Land Department

HG:CTR:cg
San Juan 29-6 Unit, 4.3, 5.0
NM-6536, NM-6641

cc: Mr. John Anderson
Regional Oil and Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico

14-08-001-493

1966 JUN 29 PM 1 27

El Paso Natural Gas Company

El Paso, Texas 79999

June 23, 1966

Director
United States Geological Survey
Department of the Interior
Washington 25, D. C.

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico

Oil Conservation Commission
State of New Mexico
P. O. Box 2088
Santa Fe, New Mexico

JUL 11 8 07 AM '66
STATE LAND OFFICE
SANTA FE, N.M.

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
REVISED APPLICATION FOR APPROVAL OF
THE NINTH EXPANDED PARTICIPATING
AREA, Dakota Formation, Effective
November 1, 1965

Gentlemen:

By letter dated April 29, 1966, El Paso Natural Gas Company, as Unit Operator of the San Juan 29-6 Unit, submitted an Application for approval of the Ninth Expanded Participating Area of the San Juan 29-6 Unit. This proposed Expansion was approved by the Commissioner of Public Lands for the State of New Mexico on May 16, 1966, and by the New Mexico Oil Conservation Commission on May 19, 1966; however, the United States Geological Survey recommended that the SE/4 of Section 9, T-29-N, R-6-W, be included within the Dakota Participating Area as additional lands to be brought in under the Ninth Dakota Expansion.

El Paso Natural Gas Company, as Unit Operator, concurs with the recommendation of the USGS, and therefore, pursuant to Section 11 (b) of the San Juan 29-6 Unit Agreement, #14-08-001-439, approved December 5, 1952, we resubmit for your approval the Ninth Expanded Participating Area of the Dakota Formation, which includes, in addition to the lands previously admitted to the Dakota Participating Area, the following selection of lands:

NINTH EXPANDED PARTICIPATING AREA - EFFECTIVE NOVEMBER 1, 1965

Township 29 North, Range 6 West

Section 9: SE/4

Section 10: W/2

Section 16: E/2

Containing 800.00 acres, more or less

The lands described above are proven to be productive by the following well:

The San Juan 29-6 Unit #93 Well, located 860' from the North line and 1695' from the East line of Section 16, Township 29 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on September 1, 1965, and completed on October 23, 1965, at a total depth of 8090'. The Dakota Formation from 7976' - 7988'; 8024' - 8030'; 8034' - 8040'; 8070' - 8076' was treated with a sand-water fracturing process. The well was shut-in on October 29, 1965, and after being shut-in for ten (10) days the Dakota Formation was tested on November 8, 1965, and after a three (3) hour blow-down period the well gauged 2,802 MCFGPD through a 3/4" choke and 3,123 MCFGPD by the calculated absolute open-flow method with a SIPT of 2,492 psia and a SIPC of 2,495 psia.

In support of this application, the following revised Exhibits are made a part hereof:

EXHIBIT "A"

Ownership map reflecting the boundaries of the Unit and the proposed Ninth Expansion of the Dakota Participating Area.

EXHIBIT "B"

Revised geological report on the Ninth Expansion of the Dakota Participating Area within the San Juan 29-6 Unit.

EXHIBIT "C"

Structural Contour Maps.

EXHIBIT "D"

Schedule of Dakota Gas Production.

Attached is a revised Schedule X which shows the proposed Ninth Expanded Participating Area for the Dakota Formation in the San Juan 29-6 Area. This Schedule describes the Expanded Participating Area, shows the percentages of unitized substances allocated to each unitized tract, and the percentages of ownership in each tract.

If this revised Ninth Expanded Participating Area of the Dakota Formation meets with your approval, please indicate such approval in the space provided on the attached sheet and return an approved copy hereof for our files.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By 
T. W. Bittick, Manager
Land Department

TWB:CTR:sb

Enclosures

APPROVED: _____
Director,
United States Geological Survey
Subject to like approval by the appropriate
State Officials.

DATE: _____

APPROVED: *August B. Sany*
Commissioner of Public Lands
Subject to like approval by the United
States Geological Survey and the Oil
Conservation Commission.

DATE: *July 18, 1966*

APPROVED: *W. H. Porter*
Oil Conservation Commission
Subject to like approval by the United
States Geological Survey and the
Commissioner of Public Lands.

DATE: *July 19, 1966*

The foregoing approvals are for the revised Ninth Expanded Participating Area for the Dakota Formation, San Juan 29-6 Unit, #14-08-001-439, Rio Arriba County, New Mexico.

SAN JUAN 29-6 UNIT
Working Interest Owners

American Petrofina Company of Texas
P. O. Box 2159
Dallas 21, Texas

Aztec Oil & Gas Company
Attention: Mr. H. L. Snider, Jr.
2000 First National Bank Building
Dallas, Texas 75202

Beta Development Company
P. O. Box 1659
Midland, Texas

Mr. Tom Bolack
1010 North Dustin Drive
Farmington, New Mexico

General American Oil Company of Texas
Attention: Mr. James W. Goss, Jr.
Meadows Building
Dallas 6, Texas

Mrs. Veva Jean Gibbard
P. O. Box 436
Sulphur, Oklahoma

Estate of Eula Mae Johnston
First National Bank of Fort Worth,
Trustee
P. O. Box 2260
Fort Worth, Texas

Mr. Ralph A. Johnston
2635 Humble Building
Houston, Texas

Mr. V. A. Johnston
Dallas, Texas

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

Mr. Forrest B. Miller and
Mrs. Mabelle Miller
220 Shelby Street
Santa Fe, New Mexico

Pan American Petroleum Corporation (7)
Attention: Mr. T. M. Curtis
Security Life Building
Denver, Colorado 80202

Phillips Petroleum Company
Attention: Mr. R. A. Wolgast
1300 Security Life Building
Denver, Colorado 80202

Rock Island Oil & Refining Co., Inc.
321 West Douglas
Wichita, Kansas

Texas Pacific Oil Company
Attention: Mr. L. B. Jeffers
P. O. Box 747
Dallas, Texas

Sinclair Oil & Gas Company
Attention: Mr. S. K. Van Steenbergh
Attention: Mr. W. A. Walther, Jr.
501 Lincoln Tower Building
Denver, Colorado 80203

Southern Petroleum Exploration, Inc.
Fidelity Union Tower
Dallas, Texas

Mr. J. Glenn Turner
1900 Mercantile Dallas Building
Dallas, Texas

Union Oil Company of California
1700 Broadway
Denver, Colorado

Union Texas Petroleum
A Division of Allied Chemical Corp.
1200 Skirvin Tower
Oklahoma City, Oklahoma 73109

Union Texas Petroleum
A Division of Allied Chemical Corp.
P. O. Box 2120
Houston, Texas

U. S. Smelting, Refining and Mining Company
P. O. Box 1877, Wilco Building
Midland, Texas

Beta Development Company
Attention: Mr. John Hampton
234 Petroleum Club Plaza
Farmington, New Mexico

Southern Union Production Company
1507 Pacific Avenue
Dallas, Texas

El Paso Natural Gas Company

El Paso, Texas

June 6, 1966

Mr. John Anderson
Regional Oil & Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico

Re: San Juan 29-6 Unit #14-08-001-493
Rio Arriba County, New Mexico
NOTICE OF COMPLETION OF NONCOMMERCIAL
WELL IN THE DAKOTA FORMATION

Dear Sir:

Pursuant to the provisions of Section 11(b) of the San Juan 29-6 Unit Agreement, approved December 5, 1952, El Paso Natural Gas Company, as Unit Operator, has determined that the following described well is not capable of producing unitized substances in paying quantities from the Dakota Formation. This well was drilled by Beta Development Company as sub-operator in accordance with the provisions of Section 13 of the Unit Agreement, as follows:

The San Juan 29-6 Unit #88 Well, located 2460' from the South line and 850' from the West line of Section 33, Township 29 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on March 27, 1965, and completed on May 8, 1965, at a total depth of 7760'. The Dakota Formation from 7550' - 7560'; 7632' - 7646'; 7706' - 7710'; 7720' - 7724'; 7730' - 7738' was treated with a sand-water fracturing process. The Dakota Formation was shut-in for gauge on May 17, 1965, and after being shut-in for seven (7) days, the Dakota Formation was tested on May 24, 1965, and following a three (3) hour blow-down period gauged 3037 MCFGPD through a 3/4" choke, and 3971 MCFGPD by the calculated absolute open flow method, with a SIPT of 2586 psia and a SIPC of 2588 psia. During this test it was noted that the well produced a very heavy spray of water and condensate throughout the three hour period. On July 16, 1965, the well first delivered into the pipeline and immediately commenced producing large quantities of water which necessitated remedial action. On November 12, 1965, the well was reworked and the perforations from 7706' - 7710'; 7720' - 7724'; 7730' - 7738' were squeezed off and the well was plugged back to 7685'. The rework was completed on November 18, 1965, and

the Dakota Formation was shut-in for gauge on December 14, 1965, and after being shut-in for eight (8) days, the Dakota Formation was tested on December 22, 1965, and following a three (3) hour blow-down period gauged 862 MCFGPD through a 3/4" choke, and 872 MCFGPD by the calculated absolute open flow method, with a SIPT of 2234 psia and a SIPC of 2300 psia. After the rework and second test, the well still produced large quantities of water. It was decided that a third test would be run on the well to determine if the water problem might be remedying itself, and the Dakota Formation was again shut-in for gauge on January 11, 1966, and after being shut-in for seven (7) days, the Dakota Formation was retested on January 18, 1966, and following a three (3) hour blow-down period gauged 1036 MCFGPD through a 3/4" choke, and 1051 MCFGPD by the calculated absolute open flow method, with a SIPT of 2186 psia and a SIPC of 2268 psia. The well unloaded a small slug of distillate and water after five minutes, then produced a heavy spray of water along with the gas and distillate, which indicated that the water problem had not been corrected.

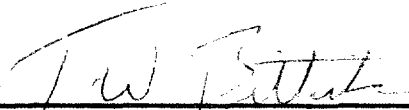
Therefore, based on the low initial potential of the well tests, the water problem that was not corrected by remedial action, and related geological data, the Unit Operator has determined that the well is noncommercial. The working interest owners of the Dakota Participating Area in the Unit have concurred in this determination.

If this determination meets with your approval, please indicate such approval in the space provided and return one approved copy hereof for our files.

Copies of this letter are being sent to the Commissioner of Public Lands and the Oil Conservation Commission of the State of New Mexico, as well as to the working interest owners shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By 
T. W. Bittick, Manager
Land Department

TWB:CTR:cg
San Juan 29-6 Unit, 4.3, 5.0
NM-6536 and NM-6641

APPROVED: _____
United States Geological Survey

DATE: JUN 7 1966

cc: Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico

Oil Conservation Commission
State of New Mexico
P. O. Box 2088
Santa Fe, New Mexico

SAN JUAN 29-6 UNIT
Working Interest Owners

American Petrofina Company of Texas
Post Office Box 2159
Dallas 21, Texas

Aztec Oil & Gas Company
Attention: Mr. H. L. Snider, Jr.
2000 First National Bank Building
Dallas, Texas 75202

Beta Development Company
Post Office Box 1659
Midland, Texas

Mr. Tom Bolack
1010 North Dustin Drive
Farmington, New Mexico

General American Oil Company of Texas
Attention: Mr. James W. Goss, Jr.
Meadows Building
Dallas 6, Texas

Mrs. Veva Jean Gibbard
Post Office Box 436
Sulphur, Oklahoma

Estate of Eula Mae Johnston
First National Bank of Ft. Worth, Trustee
P. O. Box 2260
Fort Worth, Texas

Mr. Ralph A. Johnston
2635 Humble Building
Houston, Texas

Mr. V. A. Johnston
Ralls, Texas

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

Mr. Forrest B. Miller and Mrs. Mabelle Miller
220 Shelby Street
Santa Fe, New Mexico

Pan American Petroleum Corporation
Attention: Mr. T. M. Curtis
Security Life Building
Denver, Colorado 80202

Phillips Petroleum Company
Attention: Mr. R. A. Wolgast
1300 Security Life Building
Denver, Colorado

Rock Island Oil & Refining Co., Inc.
321 West Douglas
Wichita, Kansas

Texas Pacific Oil Company
P. O. Box 747
Attention: Mr. L. B. Jeffers
Dallas, Texas

Sinclair Oil & Gas Company
Attn: Mr. S. K. Van Steenbergh
Attn: Mr. W. A. Walther, Jr.
501 Lincoln Tower Building
Denver, Colorado 80203

Southern Petroleum Exploration, Inc.
Box 192 - Attn: Mr. John C. Wright
Sistersville, West Virginia 26175

Mr. J. Glenn Turner
1900 Mercantile Dallas Building
Dallas, Texas

Union Oil Company of California
1700 Broadway
Denver, Colorado

Union Texas Petroleum
A Division of Allied Chemical Corp.
1200 Skirvin Tower
Oklahoma City, Oklahoma 73109

Union Texas Petroleum
A Division of Allied Chemical Corp.
Post Office Box 2120
Houston, Texas

United States Smelting, Refining &
Mining Company
P.O. Box 1877 - Wilco Building
Midland, Texas

Beta Development Company
Attention: Mr. John Hampton
234 Petroleum Club Plaza
Farmington, New Mexico

Southern Union Production Company
1507 Pacific Avenue
Dallas, Texas

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO

419

May 19, 1966

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas 79999

Attention: Mr. T. W. Bittick

Re: Ninth Expanded Participating
Area, Dakota Formation, San
Juan 29-6 Unit, Rio Arriba
County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Ninth Expanded Participating area of the Dakota Formation for the San Juan 29-6 Unit, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

Seven approved copies of the application are being forwarded to the United States Geological Survey, Roswell, New Mexico.

Very truly yours,

A. L. PORTER, Jr.,
Secretary-Director

ALP/JEK/og

cc: United States Geological Survey
Roswell, New Mexico

Commissioner of Public Lands
Santa Fe, New Mexico

C
O
P
Y

El Paso Natural Gas Company

El Paso, Texas

MAY 18 1966

RECEIVED
MAY 20 1966

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico

Re: San Juan 29-6 Unit #14-08-001-493
Rio Arriba County, New Mexico
NOTICE OF COMPLETION OF
NONCOMMERCIAL WELL IN THE
DAKOTA FORMATION

Dear Sir:

Pursuant to the provisions of Section 11(b) of the San Juan 29-6 Unit Agreement, approved December 5, 1952, El Paso Natural Gas Company, as Unit Operator, has determined that the following described well is not capable of producing unitized substances in paying quantities from the Dakota Formation. This well was drilled by Beta Development Company as sub-operator in accordance with the provisions of Section 13 of the Unit Agreement, as follows:

The San Juan 29-6 Unit #94 Well, located 1060' from the South line and 1190' from the West line of Section 16, Township 29 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on September 22, 1965, and completed on October 28, 1965, at a total depth of 7800'. The Dakota Formation from 7682' - 7694'; 7724' - 7728'; 7734' - 7740'; 7752' - 7756'; 7768' - 7772' was treated with a sand-water fracturing process. The Dakota Formation was shut-in for gauge on November 1, 1965, and after being shut-in for seven (7) days, the Dakota Formation was tested on November 8, 1965, and following a three (3) hour blow-down period gauged 2094 MCFGPD through a 3/4" choke, and 2210 MCFGPD by the calculated absolute open flow method, with an SIPT of 2485 psia and a SIPC of 2505 psia. The Dakota Formation was shut-in for gauge again on November 8, 1965, and after being shut-in for thirty (30) days, the Dakota Formation was retested on December 8, 1965, and following a three (3) hour blow-down period gauged 2506 MCFGPD through a 3/4" choke, and 2661 MCFGPD by the calculated absolute open flow method with a SIPT of 2662 psia and a SIPC of 2679 psia.

El Paso Natural Gas Company also observed the deliverability of this well to confirm its noncommercial determination thereon and found the following decrease in deliverability:

<u>Month</u>	<u>Monthly Volume, Mcf</u>	<u>Average Daily Producing Ability, Mcf</u>	<u>Days On</u>
January, 1966	5,835	758	7.7
February, 1966	5,496	307	17.9
March, 1966	2,714	224	12.1

Gas Volumes expressed at 15.025 psia.

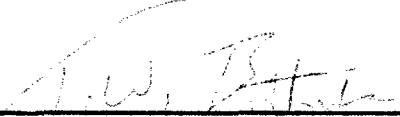
Therefore, based on the initial potential of this well, the above described decrease in the deliverability and related geological data, the Unit Operator has determined that the well is noncommercial. The working interest owners of the Dakota Participating Area in the Unit have concurred in this determination.

If this determination meets with your approval, please indicate such approval in the space provided and return one approved copy hereof for our files.

Copies of this letter are being sent to the United States Geological Survey and the Oil Conservation Commission of the State of New Mexico, as well as the working interest owners shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By 
 T. W. Bittick, Manager
 Land Department

TWB:CTR:cg

San Juan 29-6 Unit, 4.3, 5.0
 NM-6682

APPROVED: _____
 Commissioner of Public Lands
 State of New Mexico

DATE: _____

cc: Mr. John Anderson
 Regional Oil & Gas Supervisor
 United States Geological Survey
 Drawer 1857
 Roswell, New Mexico

Oil Conservation Commission
 State of New Mexico
 P. O. Box 2088
 Santa Fe, New Mexico

SAN JUAN 29-6 UNIT
Working Interest Owners

American Petrofina Company of Texas
Post Office Box 2159
Dallas 21, Texas

Aztec Oil & Gas Company
Attention: Mr. H. L. Snider, Jr.
2000 First National Bank Building
Dallas, Texas 75202

Beta Development Company
Post Office Box 1659
Midland, Texas

Mr. Tom Bolack
1010 North Dustin Drive
Farmington, New Mexico

General American Oil Company of Texas
Attention: Mr. James W. Goss, Jr.
Meadows Building
Dallas 6, Texas

Mrs. Veva Jean Gibbard
Post Office Box 436
Sulphur, Oklahoma

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2635 Humble Building
Houston, Texas

Mr. V. A. Johnston
Ralls, Texas

Mrs. Catherine B. McElvain
Individually and as Executrix of the
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Santa Fe, New Mexico

Mr. Forrest B. Miller and
Mrs. Mabelle Miller
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Attention: Mr. T. M. Curtis
Security Life Building
Denver, Colorado 80202

Phillips Petroleum Company
Attention: Mr. R. A. Wolgast
1300 Security Life Building
Denver, Colorado

Rock Island Oil & Refining Co., Inc.
321 West Douglas
Wichita, Kansas

Texas Pacific Oil Company
P. O. Box 747
Attention: Mr. L. B. Jeffers
Dallas, Texas

Sinclair Oil & Gas Company
Attention: Mr. S. K. Van Steenberg
Attention: Mr. W. A. Walther, Jr.
501 Lincoln Tower Building
Denver, Colorado 80203

Southern Petroleum Exploration, Inc.
Box 192 - Attn: Mr. John C. Wright
Sistersville, West Virginia 26175

Mr. J. Glenn Turner
1900 Mercantile Dallas Building
Dallas, Texas

Union Oil Company of California
1700 Broadway
Denver, Colorado

Union Texas Petroleum
A Division of Allied Chemical Corp.
1200 Skirvin Tower
Oklahoma City, Oklahoma 73109

Union Texas Petroleum
A Division of Allied Chemical Corp.
Post Office Box 2120
Houston, Texas

United States Smelting, Refining &
Mining Company
P. O. Box 1877
Wilco Building
Midland, Texas

Beta Development Company
Attention: Mr. John Hampton
234 Petroleum Club Plaza
Farmington, New Mexico

Southern Union Production Company
1507 Pacific Avenue
Dallas, Texas

May 16, 1966

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas

Re: San Juan 29-6 Unit
Rio Arriba County,
New Mexico

ATTENTION: Mr. Harry Gevartz

Gentlemen:

The Commissioner of Public Lands approved as of this date the Ninth Expanded Participating Area, Dakota Formation for the San Juan 29-6 Unit Area, subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

We are handing (8) approved copies to the Oil Conservation Commission and requesting them to forward seven copies to the United States Geological Survey for their consideration.

Very truly yours,

GUYTON B. HAYS
COMMISSIONER OF PUBLIC LANDS

GBH/MMR/s
cc: Oil Conservation Commission
Santa Fe, New Mexico

BY:
Ted Bilberry, Director
Oil and Gas Department

United States Geological Survey
Roswell, New Mexico

El Paso Natural Gas Company

El Paso, Texas

May 12, 1966

MAIN OFFICE
MAY 19 1966 PM 1 10

Mr. John Anderson
Regional Oil and Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico

411

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico

Oil Conservation Commission
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
**SEVENTH AND EIGHTH EXPANDED
PARTICIPATING AREAS, DAKOTA FORMATION
Effective August 1, 1965, and
September 1, 1965, respectively**

Gentlemen:

The Seventh and Eighth Expanded Participating Areas of the Dakota Formation for the San Juan 29-6 Unit #14-08-001-439, Rio Arriba County, New Mexico, were approved by the regulatory bodies on the following dates:

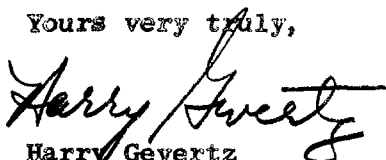
United States Geological Survey - April 22, 1966

Commissioner of Public Lands - February 16, 1966

Oil Conservation Commission - February 17, 1966

Copies of this letter are being sent to the working interest owners of the San Juan 29-6 Unit.

Yours very truly,



Harry Gevertz
Supervising Landman
Land Department

HG:CTR:cg
San Juan 29-6, 4.3



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
Drawer 1857
Roswell, New Mexico 88201

MAIN OFFICE CSG

IN REPLY REFER TO:
66 MAY 11 AM 810

May 9, 1966

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas 79999

Attention: Mr. T. W. Bittick

Gentlemen:

The seventh and eighth expansions of the Dakota participating area for the San Juan 29-6 unit agreement, Rio Arriba County, New Mexico, effective as of August 1 and September 1, 1965, respectively, were approved on April 22, 1966, by the Acting Director of the Geological Survey.

Four approved copies of the composite application are enclosed. You are requested to furnish all interested principles with appropriate evidence of this approval.

Sincerely yours,

(ORIG. SGD.) BILLY J. SHOGER

BILLY J. SHOGER
Acting Oil and Gas Supervisor

cc:
Washington (ltr. only)
Farmington (w/cy approved appl.)
Com. of Public Lands - Santa Fe (ltr. only)
✓ MIOCC - Santa Fe (ltr. only)
Accounts

El Paso Natural Gas Company

El Paso, Texas

May 4, 1966

MAIN OFFICE 000

'66 MAY 6 PM 1 28

414

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico

Re: San Juan 29-6 Unit #14-08-001-1051,
Rio Arriba County, New Mexico
NINTH EXPANDED PARTICIPATING AREA
DAKOTA FORMATION

Dear Sir:

Enclosed for your approval are ten copies of the Ninth Expanded Participating Area of the Dakota Formation covering the above described Unit.

If this Expansion meets with your approval, please execute all copies and forward them to the Oil Conservation Commission for their approval and execution. After this Expansion has been signed by the Commissioner of Public Lands and the Oil Conservation Commission, the Commissioner of Public Lands should retain two file copies and the Oil Conservation Commission should retain one file copy, and seven copies should be forwarded to the United States Geological Survey in Roswell, New Mexico for approval. After this Expansion has been approved and signed by the United States Geological Survey, four copies thereof should be returned to El Paso.

Very truly yours,

Harry Gevertz
Supervising Landman
Land Department

HG:CTR:cg
Enclosures
San Juan 29-6 Unit, 4.3, 5.0

cc: Mr. John Anderson
Regional Oil & Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico

Oil Conservation Commission
State of New Mexico
P. O. Box 2088
Santa Fe, New Mexico

El Paso Natural Gas Company

El Paso, Texas 79999

April 29, 1966

Director
United States Geological Survey
Department of the Interior
Washington 25, D. C.

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico

Oil Conservation Commission
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico

APR 29 1966
STATE ENGINEER
SANTA FE, N.M.

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico.
APPLICATION FOR APPROVAL OF THE
NINTH EXPANDED PARTICIPATING AREA,
Dakota Formation, Effective
November 1, 1965.

Gentlemen:

Pursuant to Section 11 (b) of the San Juan 29-6 Unit Agreement #14-08-001-439, approved December 5, 1952, El Paso Natural Gas Company, as Unit Operator, submits for your approval the Ninth Expanded Participating Area of the Dakota Formation, which includes, in addition to the lands previously admitted to the Dakota Participating Area, the following selection of lands:

NINTH EXPANDED PARTICIPATING AREA - EFFECTIVE NOVEMBER 1, 1965

Township 29 North, Range 6 West

Section 10: W/2

Section 16: E/2

Containing 640.00 acres, more or less

The lands described above are proven to be productive by the following well:

The San Juan 29-6 Unit #93 Well, located 860' from the North line and 1695' from the East line of Section 16, Township 29 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on September 1, 1965 and completed on October 23, 1965, at a total depth of 8090'. The Dakota Formation from 7976' - 7988'; 8024' - 8030'; 8034' - 8040'; 8070' - 8076' was treated with a sand-water fracturing process. The well was shut-in on October 29, 1965, and after being shut-in for ten (10) days the Dakota Formation was tested on November 8, 1965, and after a three (3) hour blow-down period the well gauged 2,802 MCFGPD through

a 3/4" choke and 3,123 MCFGPD by the calculated absolute open-flow method with a SIPT of 2,492 psia and a SIPC of 2,495 psia.

In support of this application, the following listed Exhibits are made a part hereof:

EXHIBIT "A"

Ownership map reflecting the boundaries of the Unit and the proposed Ninth Expansion of the Dakota Participating Area.

EXHIBIT "B"

Geological report on the Ninth Expansion of the Dakota Participating Area within the San Juan 29-6 Unit.

EXHIBIT "C"

Structural Contour Maps.

EXHIBIT "D"

Schedule of Dakota Gas Production.

Attached is Schedule X which shows the proposed Ninth Expanded Participating Area for the Dakota Formation in the San Juan 29-6 Area. This Schedule describes the Expanded Participating Area, shows the percentages of unitized substances allocated to each unitized tract, and the percentages of ownership in each tract.

If the Ninth Expanded Participating Area of the Dakota Formation meets with your approval, please indicate such approval in the space provided on the attached sheet and return an approved copy hereof for our files.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By 

T. W. Bittick, Manager
Land Department

TWB:CTR:cg
Enclosures

APPROVED: _____
Director, United States Geological Survey
Subject to like approval by the appropriate
State Officials.

DATE: _____

APPROVED: *Lynton B. Hays*
Commissioner of Public Lands
Subject to like approval by the United
States Geological Survey and the Oil
Conservation Commission.

DATE: 5-16-66

APPROVED: _____
Oil Conservation Commission
Subject to like approval by the United
States Geological Survey and the
Commissioner of Public Lands.

DATE: 5-19-66

The foregoing approvals are for the Ninth Expanded Participating Area for the
Dakota Formation, San Juan 29-6 Unit, #14-08-001-439, Rio Arriba County, New
Mexico.

SAN JUAN 29-6 UNIT
Working Interest Owners

American Petrofina Company of Texas
Post Office Box 2159
Dallas 21, Texas

Aztec Oil & Gas Company
Attention: Mr. H. L. Snider, Jr.
2000 First National Bank Building
Dallas, Texas 75202

Beta Development Company
Post Office Box 1659
Midland, Texas

Mr. Tom Bolack
1010 North Dustin Drive
Farmington, New Mexico

General American Oil Company of Texas
Attention: Mr. James W. Goss, Jr.
Meadows Building
Dallas 6, Texas

Mrs. Veva Jean Gibbard
Post Office Box 436
Sulphur, Oklahoma

Estate of Eula Mae Johnston
First National Bank of Fort
Worth, Trustee
Post Office Box 2260
Fort Worth, Texas

Mr. Ralph A. Johnston
2635 Humble Building
Houston, Texas

Mr. V. A. Johnston
Ralls, Texas

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

Mr. Forrest B. Miller and
Mrs. Mabelle Miller
220 Shelby Street
Santa Fe, New Mexico

Pan American Petroleum Corporation
Attention: Mr. T. M. Curtis
Security Life Building
Denver, Colorado 80202

Phillips Petroleum Company
Attention: Mr. R. A. Wolgast
1300 Security Life Building
Denver, Colorado 80202

Rock Island Oil & Refining Co., Inc.
321 West Douglas
Wichita, Kansas

Texas Pacific Oil Company
P. O. Box 747
Dallas, Texas
Attention: Mr. L. B. Jeffers

Sinclair Oil & Gas Company
Attention: Mr. S. K. Van Steenberg
Attention: Mr. W. A. Walther, Jr.
501 Lincoln Tower Building
Denver, Colorado 80203

Southern Petroleum Exploration, Inc.
Fidelity Union Tower
Dallas, Texas

Mr. J. Glenn Turner
1900 Mercantile Dallas Building
Dallas, Texas

Union Oil Company of California
1700 Broadway
Denver, Colorado

Union Texas Petroleum
A Division of Allied Chemical Corp.
1200 Skirvin Tower
Oklahoma City, Oklahoma 73109

Union Texas Petroleum
A Division of Allied Chemical Corp.
P. O. Box 2120
Houston, Texas

U. S. Smelting, Refining & Mining Co.
P. O. Box 1877, Wilco Building
Midland, Texas

Beta Development Company
Attention: Mr. John Hampton
234 Petroleum Club Plaza
Farmington, New Mexico

Southern Union Production Co.
1507 Pacific Avenue
Dallas, Texas

MAR 1 1966
MAR 1 1966
El Paso Natural Gas Company

El Paso, Texas 79999

March 22, 1966

TO ALL WORKING INTEREST OWNERS OF
THE DAKOTA PARTICIPATING AREA:

Re: Correction of Schedules to San Juan
29-6 Unit No. 14-08-001-439, Rio
Arriba County, New Mexico. SEVENTH
& EIGHTH EXPANDED PARTICIPATING AREAS
Dakota Formation, Effective August 1,
1965 and September 1, 1965, respectively

Gentlemen:

El Paso Natural Gas Company, as Unit Operator of the San Juan 29-6 Unit, on January 20, 1966, forwarded an application to the Regulatory Bodies requesting approval of the above referenced Expansions. Attached as enclosures to this letter were Schedules VIII and IX pertaining, respectively, to the Seventh and Eighth Expansions. On Page 3 of both of these Schedules we show the Serial Number of the Federal Lease covering Tract 6 as NM-078960. This Serial Number is incorrect, and we request that you correct your Schedules to show this Serial Number as SF-078960.

We are also furnishing copies of this letter to the Regulatory Bodies in order that they may make this same correction on their copies of these Schedules.

Your assistance in this matter will be appreciated.

Yours very truly,



Harry Gevertz
Supervising Landman
Land Department

HG:CTR:cg
San Juan 29-6 Unit, 4.3, 5.0

cc: United States Geological Survey
Roswell, New Mexico

Commissioner of Public Lands
Santa Fe, New Mexico

Oil Conservation Commission
Santa Fe, New Mexico

State of New Mexico



Commissioner of Public Lands



GUYTON B. HAYS
COMMISSIONER

P. O. BOX 1148
SANTA FE, NEW MEXICO

February 16, 1966

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas

Re: San Juan 29-6 Unit
Rio Arriba County,
New Mexico

ATTENTION: Mr. T. W. Bittick

Gentlemen:

The Commissioner of Public Lands has approved the Seventh and Eighth Expanded Participating Areas, Dakota Formation, for the San Juan 29-6 Unit; subject to like approval by the United States Geological Survey and Oil Conservation Commission.

We are handing eight approved copies of this Plan to the Oil Conservation Commission and requesting them to forward seven copies to the United States Geological Survey in Roswell, New Mexico, for their consideration.

Very truly yours,

GUYTON B. HAYS
COMMISSIONER OF PUBLIC LANDS

BY:
Ted Bilberry, Director
Oil and Gas Department

GBH/TB/MMR/s

cc: United States Geological
Survey
Roswell, New Mexico
Oil Conservation Commission
Santa Fe, New Mexico

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO

419

February 17, 1966

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas

Attention: Mr. T. W. Bittick

Re: Seventh and Eighth
Expansions, Dakota
Participating Area, San
Juan 29-6 Unit, Rio
Arriba County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Seventh and Eighth Expanded Participating Areas of the Dakota Formation for the San Juan 29-6 Unit, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

Seven approved copies of the application are being forwarded to the United States Geological Survey, Roswell, New Mexico.

Very truly yours,

A. L. PORTER, Jr.,
Secretary-Director

ALP/JEK/og

cc: U. S. G. S., - Roswell

Commissioner of Public Lands - Santa Fe

C
O
P
Y

El Paso Natural Gas Company MAIN OFFICE 000

El Paso, Texas 79999

FEB 11 AM 10:03

February 10, 1966

REGISTERED MAIL

Mr. John Anderson
Regional Oil and Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
SEVENTH AND EIGHTH EXPANDED
PARTICIPATING AREA, Dakota Formation,
Effective August 1, 1965, and
September 1, 1965, Respectively

Dear Mr. Anderson:

Mrs. Marian Rhea of the Office of the Commissioner of Public Lands for the State of New Mexico advised that she was planning to contact your office with regard to the above referenced Dakota Expansion.

The Seventh Expansion of the Dakota Participating Area was occasioned by the San Juan 29-6 Unit No. 91 Dakota Well, located in the NE/4 of Sec. 21, T-29-N, R-6-W. Mrs. Rhea felt that this well should have also brought the State of New Mexico acreage in the E/2 of Sec. 16, T-29-N, R-6-W, into participation at the same time.

I advised Mrs. Rhea that we planned to bring the E/2 of Section 16 into participation under our proposed Ninth Dakota Expansion which will be effective November 1, 1965, based on the commercial completion of the San Juan 29-6 Unit No. 93 Dakota Well, located in the E/2 of Sec. 16. I further advised that our geologic information did not indicate that the State acreage had been proven capable of commercial production until the No. 93 Well was completed. Mrs. Rhea then stated that the Commissioner would approve the Seventh and Eighth Dakota Expansions as submitted if the United States Geological Survey agreed to approve same.

In accordance with Mrs. Rhea's decision we are enclosing one complete copy of our proposed Seventh and Eighth Dakota Expansion, with geologic reports and maps attached, since we understand the Commissioner is retaining the other originals pending the outcome of your review.

Very truly yours,


Harry Severts
Supervising Landman
Land Department

EG:CTR:sb
Enclosure
SJ 29-6 Unit, 3.0, 4.3

COPY

cc: **Commissioner of Public Lands**
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico

Oil Conservation Commission
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico

El Paso Natural Gas Company

El Paso, Texas 79999

JAN 26 1966

Director
United States Geological Survey
Department of the Interior
Washington 25, D. C.

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico

Oil Conservation Commission
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico

RECEIVED
JAN 24 9 48 AM '66
STATE LAND OFFICE
SANTA FE, N.M.

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
SEVENTH & EIGHTH EXPANDED PARTICI-
PATING AREAS, Dakota Formation,
Effective August 1, 1965 and
September 1, 1965, respectively

Gentlemen:

Pursuant to Section 11(b) of the San Juan 29-6 Unit Agreement #14-08-001-439, approved December 5, 1952, El Paso Natural Gas Company, as Unit Operator, submits for your approval the Seventh and Eighth Expanded Participating Areas of the Dakota Formation, which include, in addition to the lands previously admitted to the Dakota Participating Area, the following selection of lands:

SEVENTH EXPANSION EFFECTIVE AUGUST 1, 1965

Township 29 North, Range 6 West

Section 21: E/2

Containing 320.00 acres, more or less

The lands described above are proven to be productive by the following well:

The San Juan 29-6 Unit #91 Well, located 1,650' from the North line and 990' from the East line of Section 21, Township 29 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on June 15, 1965, and completed July 18, 1965, at a total depth of 7,762'. The Dakota Formation from 7,533' - 7,535'; 7,582' - 7,592'; 7,626' - 7,631'; 7,645' - 7,649'; 7,654' - 7,658'; 7,677' - 7,687', was treated with a sand-water fracturing process. The well was shut-in

on July 27, 1965, and after being shut-in for seven (7) days the Dakota Formation was tested on August 5, 1965, and after a three (3) hour blow-down period the well gauged 3,095 MCFGPD through a 3/4" choke and 3,425 MCFGPD by the calculated absolute open-flow method with a SIPT of 2,610 psia and a SIPC of 2,699 psia.

EIGHTH EXPANSION EFFECTIVE SEPTEMBER 1, 1965

Township 29 North, Range 6 West

Section 12: W/2

Containing 320.00 acres, more or less

The lands described above are proven to be productive by the following well:

The San Juan 29-6 Unit #92 Well, located 1,190' from the South line and 1,040' from the West line of Section 12, Township 29 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on August 10, 1965, and completed on September 9, 1965, at a total depth of 7,994'. The Dakota Formation from 7,843' - 7,855'; 7,891' - 7,896'; 7,908' - 7,914'; 7,930' - 7,942', was treated with a sand-water fracturing process. The well was shut-in on September 17, 1965, and after being shut-in for seven (7) days was tested on September 24, 1965, and after a three (3) hour blow-down period gauged 4,235 MCFGPD through a 3/4" choke and 5,196 MCFGPD by the calculated absolute open-flow method with a SIPT of 2,503 psia and a SIPC of 2,502 psia.

In support of this application, the following listed Exhibits are made a part hereof:

Exhibit "A"

Ownership map reflecting the boundaries of the Unit and the proposed Seventh and Eighth Expansions of the Dakota Participating Area.

Exhibit "B"

Geological report on the Seventh and Eighth Expansions of the Dakota Participating Area within the San Juan 29-6 Unit.

Exhibit "C"

Structural Contour Maps.

Exhibit "D"

Schedule of Dakota Gas Production.

Attached are Schedules VIII and IX which show the proposed Seventh and Eighth Expanded Participating Areas for the Dakota Formation in the San Juan 29-6 Area. These schedules describe the Expanded Participating Areas, show the percentages of unitized substances allocated to each unitized tract, and the percentages of ownership in each tract.

If the Seventh and Eighth Expanded Participating Areas of the Dakota Formation meet with your approval, please indicate such approval in the space provided on the attached sheet and return an approved copy hereof for our files.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By



T. W. Bittick
Assistant Manager
Land Department

TWB:MB:rr
Attachments

APPROVED: _____
Director, United States Geological Survey
Subject to like approval by the appropriate
State officials.

DATE: _____

APPROVED: Newton B. Sings
Commissioner of Public Lands
Subject to like approval by the United
States Geological Survey and the Oil
Conservation Commission.

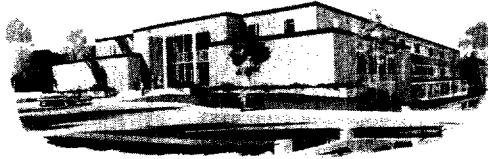
DATE: 2-16-66

APPROVED: A. L. Carter
Oil Conservation Commission
Subject to like approval by the United
States Geological Survey and the
Commissioner of Public Lands.

DATE: 2-17-66

The foregoing approvals are for the Seventh and Eighth Expanded Participating Areas for the Dakota Formation, San Juan 29-6 Unit, #14-08-001-439, Rio Arriba County, New Mexico.

State of New Mexico



Commissioner of Public Lands



GUYTON B. HAYS
COMMISSIONER

P. O. BOX 1148
SANTA FE, NEW MEXICO

February 3, 1966

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas

Re: San Juan 29-6 Unit
Rio Arriba County, New Mexico

ATTENTION: Mr. T. W. Bittick

Gentlemen:

Pursuant to your Seventh & Eighth Expanded Participating areas, Dakota Formation, the Seventh Expansion enlarges the participating area by 320 acres; the E/2 of Section 21 predicated on Well No. 91 in the NE/4 of this Section.

We believe this expansion should also include the E/2 of Section 16. There are two commercial Dakota Wells offsetting this section, one in section 15 and the No. 91 Well. Therefore, we request you reconsider your Seventh Expansion of the Dakota Participating Area and include the E/2 of Section 16, Township 29 North, Range 6 West, in the Dakota Participating Area, which becomes effective as of August 1, 1965.

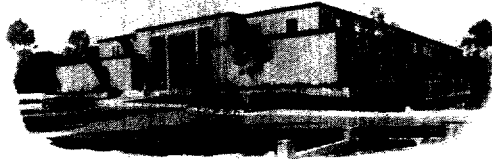
Very truly yours,

GUYTON B. HAYS
COMMISSIONER OF PUBLIC LANDS

BY:
Ted Bilberry, Director
Oil and Gas Department

GBH/TB/MMR/s

State of New Mexico



Commissioner of Public Lands



GUYTON B. HAYS
COMMISSIONER

P. O. BOX 1148
SANTA FE, NEW MEXICO

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas

Page 2.

cc: United States Geological Survey
P. O. Drawer 1857
Roswell, New Mexico

Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico

El Paso Natural Gas Company

MAIN OFFICE 000

El Paso, Texas 79999

JAN 19 PM 1 20

January 13, 1966

Mr. John A. Anderson
Regional Oil and Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico

Handwritten initials

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico

Oil Conservation Commission
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
**FOURTH, FIFTH AND SIXTH EXPANDED
PARTICIPATING AREAS OF THE DAKOTA
FORMATION**

Gentlemen:

The Fourth, Fifth and Sixth Expanded Participating Areas of the Dakota Formation for the San Juan 29-6 Unit #14-08-001-439, Rio Arriba County, New Mexico, were approved by the regulatory bodies on the following dates:

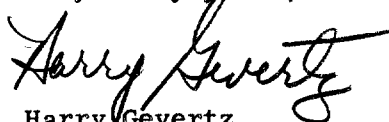
United States Geological Survey - December 29, 1965

Commissioner of Public Lands - November 4, 1965

Oil Conservation Commission - November 10, 1965

Copies of this letter are being sent to the working interest owners of the San Juan 29-6 Unit.

Very truly yours,



Harry Gevertz
Supervising Landman
Land Department

HG:MB:rr
San Juan 29-6, 4.3



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Drawer 1857
Roswell, New Mexico 88201

January 7, 1966

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas

Attention: Mr. T. W. Bittick

Gentlemen:

The fourth, fifth and six revisions of the Dakota participating area for the San Juan 29-6 unit agreement, Rio Arriba County, New Mexico, were approved on December 29, 1965, by the Acting Director, U. S. Geological Survey, effective as of March 1, May 1, and June 1, 1965, respectively.

Three approved copies of the application are enclosed. You are requested to furnish the State of New Mexico and any other interested party with appropriate evidence of this approval.

Sincerely yours,

(ONE)

J. ANDERSON

JOHN A. ANDERSON
Regional Oil & Gas Supervisor

cc:
Washington (ltr. only)
Farmington (w/cy of appn.)
BLM - Santa Fe (w/cy of appn.)
N.M.O.C.C. - Santa Fe (ltr. only) ✓
Com. of Pub. Lands - Santa Fe (ltr. only)

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

419

November 9, 1965

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas

Attention: Mr. T. W. Bittick

Re: Fourth, Fifth and Sixth
Expansions, Dakota
Participating Area, San
Juan 29-6 Unit, Rio Arriba
County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Fourth, Fifth, and Sixth Expanded Participating Areas of the Dakota Formation for the San Juan 29-6 Unit, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

Seven approved copies of the application are being forwarded to the United States Geological Survey, Roswell, New Mexico.

Very truly yours,

A. L. PORTER, Jr.,
Secretary-Director

ALP/JEK/og

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

C
O
P
Y

November 4, 1965

El Paso Natural Gas Company
Post Office Box 1492
El Paso, Texas

Re: San Juan 29-6 Unit
Rio Arriba County, New Mexico
Fourth, Fifth and Sixth Expanded
Participating Areas:
Dakota Formation

Attention: Mr. Harry Gevertz

Gentlemen:

The Commissioner of Public Lands has approved as of this date your Proposed Fourth, Fifth and Sixth Expansions of the Dakota Participating Area, subject to like approval by the Oil Conservation Commission and the United States Geological Survey.

We are handing eight (8) approved copies to the Oil Conservation Commission and requesting them to forward seven (7) copies to the United States Geological Survey for their consideration.

In regard to Well No. 88 located in the West half of Section 33, Township 29 North, Range 6 West, this well was tested May 24, 1965. We believe there has been sufficient time for some conclusion concerning the commercial value of this well. We would appreciate a decision concerning this well at the earliest possible date.

C
O
P
Y

**El Paso Natural Gas Company
Attention: Mr. Harry Geverts
November 4, 1965**

Very truly yours,

**GUYTON B. HAYS
COMMISSIONER OF PUBLIC LANDS**

**BY:
Ted Bilberry, Director
Oil and Gas Department**

**MMR/e
cc:**

**United States Geological Survey
Post Office Box 1857
Roswell, New Mexico
Attention: Mr. John A. Anderson**

**New Mexico Oil Conservation Commission
Post Office Box 2088
Santa Fe, New Mexico**

C
O
P
Y

El Paso Natural Gas Company

El Paso, Texas

MAIL ROOM

65 OCT 29 AM 10

October 27, 1965

419

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
FOURTH, FIFTH & SIXTH EXPANDED
PARTICIPATING AREAS, Dakota Formation

Dear Sir:

We are enclosing for your approval ten (10) copies of the Fourth, Fifth and Sixth Expanded Participating Areas of the Dakota Formation covering the captioned Unit.

If these Expansions meet with your approval, please execute all copies and forward them to the Oil Conservation Commission for their approval and execution. After these Expansions have been signed by the Commissioner of Public Lands and the Oil Conservation Commission, the Commissioner of Public Lands should retain two (2) copies for his file and the Oil Conservation Commission should retain one (1) copy for its file and seven (7) copies should be forwarded to the United States Geological Survey in Roswell, New Mexico, for their approval and further handling. After these Expansions have been approved and signed by the United States Geological Survey, four (4) copies should be returned to El Paso for further handling.

Very truly yours,

Original Signed By

HARRY GEVERTZ

Harry Gevertz
Supervising Landman
Land Department

HG:MB:kf
Enclosures

SJ 29-6, 5.0

cc: Mr. John A. Anderson
Regional Oil & Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico

Oil Conservation Commission
State of New Mexico
P. O. Box 2088
Santa Fe, New Mexico

COPY

El Paso Natural Gas Company

El Paso, Texas

October 22, 1965

Director
United States Geological Survey
Department of the Interior
Washington 25, D. C.

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico

Oil Conservation Commission
State of New Mexico
P. O. Box 2088
Santa Fe, New Mexico

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
FOURTH, FIFTH & SIXTH EXPANDED
PARTICIPATING AREAS, Dakota Formation,
Effective March 1, 1965, May 1, 1965 &
June 1, 1965, respectively

Gentlemen:

Pursuant to Section 11(b) of the San Juan 29-6 Unit Agreement #14-08-001-439, approved December 5, 1952, El Paso Natural Gas Company, as Unit Operator, submits for your approval the Fourth, Fifth and Sixth Expanded Participating Areas of the Dakota Formation, which include, in addition to the lands previously admitted to the Dakota Participating Area, the following selection of lands:

FOURTH EXPANSION EFFECTIVE MARCH 1, 1965

Township 29 North, Range 6 West

Section 27: All

Section 28: SE/4

Section 34: All

Containing 1,440.00 acres, more or less

The lands described above are proven to be productive by the following wells:

The San Juan 29-6 Unit #85 Well, located 890' from the North line and 990' from the East line of Section 27, Township 29 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on

August 24, 1964, and completed March 12, 1965, at a total depth of 7,775'. The Dakota Formation from 7,562' - 7,566'; 7,638' - 7,654'; 7,688' - 7,692'; 7,708' - 7,712'; 7,718' - 7,726'; 7,738' - 7,744', was treated with a sand-water fracturing process. The well was shut-in on March 15, 1965, and after being shut-in for seven (7) days the Dakota Formation was tested on March 22, 1965, and after a three (3) hour blow-down period the well gauged 2,485 MCFGPD through a 3/4" choke and 2,696 MCFGPD by the calculated absolute open-flow method with a SIPT of 2,674 psia and a SIPC of 2,723 psia.

The San Juan 29-6 Unit #86 Well, located 790' from the South line and 1,800' from the West line of Section 27, Township 29 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on December 27, 1964 and completed March 15, 1965, at a total depth of 7,682'. The Dakota Formation from 7,555' - 7,571'; 7,598' - 7,602'; 7,619' - 7,623'; 7,640' - 7,646'; 7,652' - 7,658', was treated with a sand-water fracturing process. The well was shut-in on March 15, 1965, and after being shut-in for seven (7) days the Dakota Formation was tested on March 22, 1965, and after a three (3) hour blow-down period the well gauged 2,885 MCFGPD through a 3/4" choke and 3,166 MCFGPD by the calculated absolute open-flow method with a SIPT of 2,488 psia and a SIPC of 2,671 psia.

FIFTH EXPANSION EFFECTIVE MAY 1, 1965
Township 29 North, Range 6 West
Section 33: E/2

Containing 320.00 acres, more or less

The lands described above are proven to be productive by the following wells:

The San Juan 29-6 Unit #87 Well, located 1,500' from the North line and 880' from the East line of Section 33, Township 29 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on March 8, 1965, and completed on May 4, 1965, at a total depth of 7,813'. The Dakota Formation from 7,628' - 7,644'; 7,670' - 7,673'; 7,682' - 7,685'; 7,703' - 7,709'; 7,724' - 7,732', was treated with a sand-water fracturing process. The well was shut-in on May 6, 1965, and after being shut-in for seven (7) days was tested on May 13, 1965, and after a three (3) hour blow-down period gauged 4,011 MCFGPD through a 3/4" choke and 4,705 MCFGPD by the calculated absolute open-flow method with a SIPT of 2,703 psia and a SIPC of 2,555 psia.

The San Juan 28-6 Unit #117 Well, located 1,545' from the South line and 1,700' from the East line of Section 10, Township 28

North, Range 6 West, Rio Arriba County, New Mexico, was spudded on April 14, 1965, and completed May 13, 1965, at a total depth of 7,743'. The Dakota Formation from 7,538' - 7,542'; 7,576' - 7,580'; 7,620' - 7,633'; 7,666' - 7,672'; 7,689' - 7,693'; 7,704' - 7,710'; 7,719' - 7,725', was treated with a sand-water fracturing process. The well was shut-in on May 17, 1965, and after being shut-in for seven (7) days the Dakota Formation was tested on May 24, 1965, and after a three (3) hour blow-down period the well gauged 4,654 MCFGPD through a 3/4" choke and 5,838 MCFGPD by the calculated absolute open-flow method with a SIPT of 2,461 psia and a SIPC of 2,476 psia.

SIXTH EXPANSION EFFECTIVE JUNE 1, 1965

Township 29 North, Range 6 West

Section 10: E/2

Section 11: All

Section 15: N/2

Containing 1,280.00 acres, more or less

The lands described above are proven to be productive by the following wells:

The San Juan 29-6 Unit #89 Well, located 980' from the South line and 840' from the West line of Section 11, Township 29 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on May 8, 1965, and completed June 18, 1965, at a total depth of 7,938'. The Dakota Formation from 7,806' - 7,816'; 7,851' - 7,854'; 7,882' - 7,892'; 7,900' - 7,912', was treated with a sand-water fracturing process. The well was shut-in on June 21, 1965, and after being shut-in for eight (8) days the Dakota Formation was tested on June 29, 1965, and after a three (3) hour blow-down period the well gauged 4,158 MCFGPD through a 3/4" choke and 5,094 MCFGPD by the calculated absolute open-flow method with a SIPT of 2,670 psia and a SIPC of 2,670 psia.

The San Juan 29-6 Unit #90 Well, located 1,850' from the North line and 1,620' from the East line of Section 15, Township 29 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on May 28, 1965, and completed on June 23, 1965, at a total depth of 8,148'. The Dakota Formation from 8,024' - 8,036'; 8,075' - 8,079'; 8,087' - 8,089'; 8,093' - 8,096'; 8,112' - 8,126', was treated with a sand-water fracturing process. The well was shut-in on June 23, 1965, and after being shut-in for seven (7) days was tested on June 30, 1965, and after a three (3) hour blow-down period gauged 2,540 MCFGPD through a 3/4" choke and 2,750 MCFGPD by the calculated absolute open-flow method with a SIPT of 2,476 psia and a SIPC of 2,475 psia.

In support of this application, the following listed Exhibits are made a part hereof:

Exhibit "A"

Ownership map reflecting the boundaries of the Unit and the proposed Fourth, Fifth and Sixth Expansions of the Dakota Participating Area.

Exhibit "B"

Geological report on the Fourth, Fifth and Sixth Expansions of the Dakota Participating Area within the San Juan 29-6 Unit.

Exhibit "C"

Structural Contour Maps.

Exhibit "D"

Schedule of Dakota Gas Production.

Attached are Schedules V, VI and VII which show the proposed Fourth, Fifth and Sixth Expanded Participating Areas for the Dakota Formation in the San Juan 29-6 Area. These schedules describe the Expanded Participating Areas, show the percentages of unitized substances allocated to each unitized tract, and the percentages of ownership in each tract.

If the Fourth, Fifth and Sixth Expanded Participating Areas of the Dakota Formation meet with your approval, please indicate such approval in the space provided on the attached sheet and return an approved copy hereof for our files.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By _____

T. W. Bittick
Assistant Manager
Land Department

APPROVED: _____
Director, United States Geological Survey
Subject to like approval by the appropriate
State officials.

DATE: _____

APPROVED: August B. Hays
Commissioner of Public Lands
Subject to like approval by the United
States Geological Survey and the Oil
Conservation Commission.

DATE: November 4, 1965

APPROVED: A. L. Carter, Jr.
Oil Conservation Commission
Subject to like approval by the United
States Geological Survey and the
Commissioner of Public Lands.

DATE: Mar 10, 1965

The foregoing approvals are for the Fourth, Fifth and Sixth Expanded Participating Areas for the Dakota Formation, San Juan 29-6 Unit, #14-08-001-439, Rio Arriba County, New Mexico

SAN JUAN 29-6 UNIT
Working Interest Owners

American Petrofina Company of Texas
P. O. Box 2159
Dallas 21, Texas

Aztec Oil & Gas Company
Attention: Mr. H. L. Snider, Jr.
2000 First National Bank Building
Dallas, Texas 75202

Beta Development Company
P. O. Box 1659
Midland, Texas

Mr. Tom Bolack
1010 North Dustin Drive
Farmington, New Mexico

General American Oil Company of Texas
Attention: Mr. James W. Goss, Jr.
Meadows Building
Dallas 6, Texas

Mrs. Veva Jean Gibbard
P. O. Box 436
Sulphur, Oklahoma

Estate of Eula Mae Johnston
First National Bank of Ft. Worth, Trustee
P. O. Box 2260
Fort Worth, Texas

Mr. Ralph A. Johnston
2635 Humble Building
Houston 2, Texas

Mr. V. A. Johnston
Ralls, Texas

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

Mr. Forrest B. Miller & Mabelle Miller
220 Shelby Street
Santa Fe, New Mexico

Pan American Petroleum Corporation
Attention: Mr. T. M. Curtis
Security Life Building
Denver, Colorado 80202

Phillips Petroleum Company
Attention: Mr. R. A. Wolgast
1300 Security Life Building
Denver, Colorado 80202

Rock Island Oil & Refining Co., Inc.
321 West Douglas
Wichita, Kansas

Texas Pacific Oil Company
Attention: Mr. L. B. Jeffers
Box 747
Dallas 21, Texas

Sinclair Oil & Gas Company
501 Lincoln Tower Building
Denver, Colorado 80203

Southern Petroleum Exploration, Inc.
Fidelity Union Tower
Dallas, Texas

Mr. J. Glenn Turner
1900 Mercantile Dallas Building
Dallas, Texas

Union Oil Company of California
Attention: Mr. Harry E. Keegan
619 West Texas Street
Midland, Texas

Union Texas Petroleum
A Division of Allied Chemical Corp.
Suite B-400, 1740 Broadway
Denver 2, Colorado

Union Texas Petroleum
A Division of Allied Chemical Corp.
P. O. Box 2120
Houston, Texas

United States Smelting, Refining
& Mining Company
P. O. Box 1877
Wilco Building
Midland, Texas

El Paso Natural Gas Company

El Paso, Texas

June 28, 1965

Mr. John A. Anderson
Regional Oil and Gas Supervisor
United States Geological Survey
Post Office Drawer 1857
Roswell, New Mexico

44

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico

Oil Conservation Commission
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico

Re: THIRD REVISION
Dakota Participating Area
San Juan 29-6 Unit
Rio Arriba County, New Mexico

Gentlemen:

The Third Revision of the Dakota Participating Area for the San Juan 29-6 Unit, Rio Arriba County, New Mexico, was approved by the regulatory bodies on the following dates:


United States Geological Survey - May 26, 1965

Commissioner of Public Lands - March 19, 1965

Oil Conservation Commission - March 23, 1965

Copies of this letter are being sent to the working interest owners of the San Juan 29-6 Unit.

Very truly yours,



Harry Gevertz
Regional Landman
Land Department

HG:MB:jm

SJ 29-6, 4.3



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Drawer 1857
Roswell, New Mexico 88201

100 JUN 23 1965

IN REPLY REFER TO:

June 22, 1965

417

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas

Attention: Mr. Sam Smith

Gentlemen:

The third revision of the Dakota participating area, San Juan 29-6 unit agreement, Rio Arriba County, New Mexico, was approved on May 26, 1965, by the Acting Director, Geological Survey, effective as of October 1, 1964.

Two approved copies of the application are enclosed. You are requested to furnish the State of New Mexico and any other interested party with appropriate evidence of this approval.

Sincerely yours,

(ORIG. SGD.) BILLY J. SHOGER

BILLY J. SHOGER
Acting Oil & Gas Supervisor

cc:
Washington (ltr. only)
Farmington (w/cy of appln.)
BLM - Santa Fe (w/cy of appln.)
NMOCC - Santa Fe (ltr. only) ✓
Com. of Pub. Lands - Santa Fe (ltr. only)

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO

419

March 23, 1965

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas

Attention: Mr. Sam Smith

Re: Third Expanded Participating
Area, Dakota Formation, San
Juan 29-6 Unit, Rio Arriba
County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil
Conservation Commission has this date approved the Third
Expanded Participating Area, Dakota Formation, for the San
Juan 29-6 Unit, Rio Arriba County, New Mexico, subject to
like approval by the United States Geological Survey and
the Commissioner of Public Lands of the State of New Mexico.

Six approved copies of the application are being
forwarded to the United States Geological Survey, Roswell,
New Mexico.

Very truly yours,

A. L. PORTER, Jr.,
Secretary-Director

ALP/JEK/og

cc: United States Geological Survey
P. O. Drawer 1857
Roswell - New Mexico

Commissioner of Public Lands - Santa Fe

C
O
P
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95 MAR 23 1965

4

March 22, 1965

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas 79999

Attention: Mr. Harry Gevertz

Re: San Juan 29-6 Unit
Rio Arriba County, New Mexico
Third Expanded Participating Area
Dakota Formation

Gentlemen:

In accordance with your letter of March 19, 1965, requesting approval of the Third Expanded Participating Area for the Dakota Formation, San Juan 29-6 Unit, we have executed seven copies of the Application as of March 19, 1965, to conform with the copy which was originally approved and mailed to you on that date. We are retaining one copy for our file.

We are handing these applications to the Oil Conservation Commission for their approval with the request that they forward them to the United States Geological Survey for their approval and return to you.

Very truly yours,

GUYTON B. HAYS
COMMISSIONER OF PUBLIC LANDS

BY:

(Mr.) Ted Bilberry, Director
Oil and Gas Department

GBH/mmr/d

cc: United States Geological Survey
P. O. Drawer 1857, Roswell, New Mexico
Attention: Mr. John A. Anderson
Oil Conservation Commission
P. O. Box 2088, Santa Fe, New Mexico

411

March 19, 1965

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas 79999

Attention: Mr. Sam Smith

Re: San Juan 29-6 Unit
Rio Arriba County, New Mexico
Third Expanded Participating Area
Dakota Formation

Gentlemen:

The Commissioner of Public Lands approves as of this date the Third Expanded Participating Area for the Dakota Formation to become effective October 1, 1964, for the San Juan 29-6 Unit area. Our approval is subject to like approval by the United States Geological Survey.

We are returning one approved copy of this application.

Very truly yours,

GUYTON B. HAYS
COMMISSIONER OF PUBLIC LANDS

BY:
(Mr.) Ted Bilberry, Director
Oil and Gas Department

GBM/mmr/d
Enclosure

cc: United States Geological Survey
P. O. Drawer 1857, Roswell, New Mexico
Attention: Mr. John A. Anderson

Oil Conservation Commission
P. O. Box 2088, Santa Fe, New Mexico

El Paso Natural Gas Company

El Paso, Texas

March 19, 1965

41
95 MAR 22 1965

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
APPLICATION FOR APPROVAL OF THE THIRD
EXPANDED PARTICIPATING AREA OF THE
DAKOTA FORMATION, effective October 1,
1964.

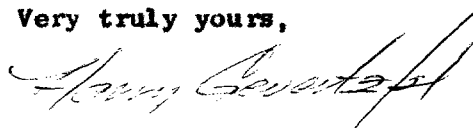
Gentlemen:

On March 17, 1965, we inadvertently forwarded you copies of this Application without the necessary Exhibits attached. We request that these previously furnished copies be disregarded and that the enclosed copies be utilized as execution copies.

Therefore, we are attaching eight copies of the subject Third Expanded Participating Area for the Dakota Formation for the San Juan 29-6 Unit, together with the appropriate exhibits and geological information.

If these Expansions meet with your approval, please execute all copies in the space provided and secure the approval of the Oil Conservation Commission on all copies thereof. Upon approval of the Oil Conservation Commission and your office, will you please retain two copies for your files and have the Oil Conservation Commission retain one copy for their files and forward the remaining five copies to the United States Geological Survey for approval.

Very truly yours,



Harry Gevertz
Regional Landman
Land Department

HG:MB:sl

Enclosures

cc: United States Geological Survey
Oil Conservation Commission ✓

COPY

El Paso Natural Gas Company

El Paso, Texas

March 10, 1965

Director
United States Geological Survey
Department of the Interior
Washington 25, D. C.

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico

Oil Conservation Commission
State of New Mexico
P. O. Box 2088
Santa Fe, New Mexico

RECEIVED
MAR 22 8 00 AM '65
STATE ENGINEER
SANTA FE, N.M.

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
THIRD EXPANDED PARTICIPATING AREA,
Dakota Formation, Effective October
1, 1964.

Gentlemen:

Pursuant to Section 11(b) of the San Juan 29-6 Unit Agreement #14-08-001-439, approved December 5, 1952, El Paso Natural Gas Company, as Unit Operator, submits for your approval the Third Expanded Participating Area of the Dakota Formation, which includes, in addition to the lands previously admitted to the Dakota Participating Area, the following selection of lands:

THIRD EXPANSION EFFECTIVE OCTOBER 1, 1964

Township 29 North, Range 6 West

Section 13: W/2

Section 14: N/2

Section 22: W/2

Containing 960.00 acres, more or less.

The lands described above are proven to be productive by the following wells:

The San Juan 29-6 #78 Well, located 1,980' from the South line and 1,100' from the West line of Section 22, Township 29 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on September 2, 1964, and completed on October 4, 1964, at a total depth of 7,765'. The Dakota Formation from 7,559' - 7,563'; 7,687' - 7,691'; 7,637' - 7,649'; 7,682' - 7,694'; 7,710' - 7,714'; 7,721' - 7,725', was treated with a sand-water fracturing process. The well was shut-in on October 9, 1964, and after being shut-in for seven (7) days the Dakota Formation

was tested on October 16, 1964, and following a three (3) hour blow-down period gauged 2,659 MCFGPD through a 3/4" choke and 2,898 MCFGPD by the calculated absolute open-flow method with a SIPT of 2,673 psia and a SIPC of 2,677 psia.

The San Juan 29-6 #83 Well, located 890' from the South line and 890' from the West line of Section 13, Township 29 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on July 26, 1964, and completed September 21, 1964, at a total depth of 8,110. The Dakota Formation from 7,985' - 7,997'; 8,056' - 8,062'; 8,074' - 8,080', was treated with a sand-water fracturing process. The well was shut-in on September 24, 1964, and after being shut-in for seven (7) days the Dakota Formation was tested on October 2, 1964, and after a three (3) hour blow-down period the well gauged 2,461 MCFGPD through a 3/4" choke and 2,644 MCFGPD by the calculated absolute open-flow method with a SIPT of 2,441 psia and a SIPC of 2,441 psia.

The San Juan 29-6 #84 Well, located 1,635' from the North line and 1,745' from the East line of Section 14, Township 29 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on August 15, 1964, and completed on September 19, 1964, at a total depth of 8,130'. The Dakota Formation from 8,000' - 8,012'; 8,046' - 8,052'; 8,084' - 8,096', was treated with a sand-water fracturing process. The well was shut-in on September 24, 1964, and after being shut-in for seven (7) days was tested on October 2, 1964, and after a three (3) hour blow-down period gauged 2,637 MCFGPD through a 3/4" choke and 2,898 MCFGPD by the calculated absolute open-flow method with a SIPT of 2,164 psia and a SIPC of 2,164 psia.

In support of this application, the following listed Exhibits are made a part hereof:

Exhibit "A"

Ownership map reflecting the boundaries of the Unit and the proposed Third Expansion of the Dakota Participating Area.

Exhibit "B"

Geological report on the Third Expansion of the Dakota Participating Area within the San Juan 29-6 Unit.

Exhibit "C"

Structural Contour Maps.

Exhibit "D"

Schedules of Dakota Gas Production

Attached is Schedule IV which shows the proposed Third Expanded Participating Area for the Dakota Formation in the San Juan 29-6 Unit Area. This Schedule describes the Expanded Participating Area, shows the percentage of unitized substances allocated to each unitized tract, and the percentages of ownership in each tract.

If the Third Expanded Participating Area of the Dakota Formation meets with your approval, please indicate such approval in the space provided below and return an approved copy hereof for our files.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By Sam Smith
Sam Smith, Manager
Land Department

SS:MB:kf

APPROVED: _____
Director, United States Geological Survey
Subject to like approval by the appropriate
State officials.

DATE: _____

APPROVED: Stuyton B. Sapp
Commissioner of Public Lands
Subject to like approval by the United
States Geological Survey and the Oil
Conservation Commission.

DATE: March 19, 1965

APPROVED: G. H. ...
Oil Conservation Commission
Subject to like approval by the United
States Geological Survey and the
Commissioner of Public Lands.

DATE: March ...

The foregoing approvals are for the Third Expanded Participating Area for
the Dakota Formation, San Juan 29-6 Unit, #14-08-001-439, Rio Arriba County,
New Mexico.



NOV 14 1964

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Drawer 1857
Roswell, New Mexico 88201

November 12, 1964

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas

RECEIVED

'64 Nov 13 PM

Attention: Mr. T. W. Bittick

Gentlemen:

The first and second revisions of the Dakota participating area, San Juan 29-6 unit agreement, Rio Arriba County, New Mexico, were approved by the Acting Director, Geological Survey, on November 3, 1964, effective as of November 1 and December 1, 1963, respectively.

Our records show the Federal lease number for the ~~S₁S₂~~ sec. 35, T. 29 N., R. 6 W., N.M.P.M., tract 6, is Santa Fe 078960 instead of New Mexico 078960 as shown by the allocation schedule for the second revision (Schedule III). This correction has been made on all copies of the schedule filed with this office.

One approved copy of the application is enclosed. You are requested to furnish the State of New Mexico and any other interested party with appropriate evidence of this approval.

Sincerely yours,

(Dir. Sec.) CARL C. TRAYWICK

CARL C. TRAYWICK
Acting Oil and Gas Supervisor

cc:
Washington (ltr. only)
Farmington (w/cy of appln.)
BLM, Santa Fe (w/cy of appln.)
NMOCC, Santa Fe (ltr. only) ✓
Com. of Pub. Lands, Santa Fe (ltr. only)

OIL CONSERVATION COMMISSION
P. O. BOX 871
SANTA FE, NEW MEXICO

419

May 25, 1964

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas

Attention: Mr. T. W. Bittick

Re: First and Second
Expansions, Dakota
Participating Area, San
Juan 29-6 Unit, Rio
Arriba County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the First and Second Expanded Participating Areas, Dakota Formation for the San Juan 29-6 Unit, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

Five approved copies of the application are being forwarded to the United States Geological Survey, Roswell, New Mexico.

Very truly yours,

A. L. PORTER, Jr.,
Secretary-Director

ALP/JEK/og
cc: Commissioner of Public Lands
Santa Fe, New Mexico

United States Geological Survey

C
O
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Y

May 22, 1964

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas

Re: San Juan 29-6 Unit
Rio Arriba County, New Mexico
First Expanded Dakota
Participating Area
Effective November 1, 1963
Second Expanded Dakota
Participating Area
Effective December 1, 1963

Attention: Mr. Charles T. Richardson

Gentlemen:

The Commissioner of Public Lands approved as of May 22nd the above designated Participating Areas for the San Juan 29-6 Unit Area, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

We are handing six approved copies to the Oil Conservation Commission and requesting them to forward at least five copies to the United States Geological Survey for their consideration.

El Paso Natural Gas Company
Attention: Mr. Charles T. Richardson
May 22, 1964
- page 2 -

Very truly yours,

E. S. JOHNNY WALKER
COMMISSIONER OF PUBLIC LANDS

BY:
(Mrs.) Marian M. Rhea, Supervisor
Unit Division

ESW/mmr/v

cc:

United States Geological Survey
P. O. Drawer 1857
Roswell, New Mexico

Oil Conservation Commission
Santa Fe, New Mexico

El Paso Natural Gas Company

El Paso, Texas

May 11, 1964

Director
United States Geological Survey
Department of the Interior
Washington 25, D. C.

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico

Oil Conservation Commission
State of New Mexico
P. O. Box 2088
Santa Fe, New Mexico

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
FIRST AND SECOND EXPANDED PARTICIPATING
AREAS, Dakota Formation
Effective November 1, 1963 and
December 1, 1963, respectively.

Gentlemen:

Pursuant to Section 11(b) of the San Juan 29-6 Unit Agreement #14-08-001-439, approved December 5, 1952, El Paso Natural Gas Company, as Unit Operator, submits for your approval the First and Second Expanded Participating Areas of the Dakota Formation, which include, in addition to the lands previously admitted to the Dakota Participating Area, the following selection of lands:

FIRST EXPANSION EFFECTIVE NOVEMBER 1, 1963

Township 29 North, Range 6 West

Section 14: S/2

Section 23: All

Section 24: W/2

Section 26: N/2

Containing 1,600.00 acres, more or less.

The lands described above are proven to be productive by the following wells:

The San Juan 29-6 #69 Well, located 990' from the North line and 990' from the East line of Section 26, Township 29 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on October 22, 1963, and completed on November 14, 1963, at a total depth of 7,799'. The Dakota Formation from 7,672'-7,684', 7,722'-7,726', 7,732'-7,736', 7,763'-7,775', was treated with a sand-water fracturing process. The well was shut-in on November 19, 1963, and after being shut-in

for eight (8) days the Dakota Formation was tested on November 27, 1963, and following a three (3) hour blow-down period gauged 3,905 MCFGPD through a 3/4" choke and 4,529 MCFGPD by the calculated absolute open-flow method with a SIPT of 2,767 psia and a SIPC of 2,791 psia.

The San Juan 29-6 #75 Well, located 2,220' from the North line and 1,190' from the East line of Section 23, Township 29 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on October 11, 1963, and completed November 4, 1963, at a total depth of 8,113'. The Dakota Formation from 7,987' - 7,997', 8,034' - 8,039', 8,074' - 8,076', 8,080' - 8,088', was treated with a sand-water fracturing process. The well was shut-in on November 7, 1963, and after being shut-in for seven (7) days the Dakota Formation was tested on November 14, 1963, and after a three (3) hour blow-down period the well gauged 3,139 MCFGPD through a 3/4" choke and 3,573 MCFGPD by the calculated absolute open-flow method with a SIPT of 2,720 psia and a SIPC of 2,720 psia.

The San Juan 29-6 #76 Well, located 880' from the South line and 1,450' from the West line of Section 23, Township 29 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on October 14, 1963, and completed on November 16, 1963, at a total depth of 8,066'. The Dakota Formation from 7,932' - 7,944', 7,978' - 7,984', 8,000' - 8,010', 8,020' - 8,024', 8,038' - 8,043', was treated with a sand-water fracturing process. The well was shut-in on November 20, 1963, and originally tested on November 27, 1963. It was felt that this test was not conclusive; therefore, the well was again shut-in on November 27, 1963, and after being shut-in for thirty (30) days was re-tested on December 27, 1963, and after a three (3) hour blow-down period gauged 2,006 MCFGPD through a 3/4" choke and 2,040 MCFGPD by the calculated absolute open-flow method with a SIPT of 2,469 psia with a packer set in the casing at 7,632'.

SECOND EXPANSION EFFECTIVE DECEMBER 1, 1963

Township 29 North, Range 6 West

Section 22: E/2
 Section 25: All
 Section 26: S/2
 Section 35: All
 Section 36: All

Containing 2,388.04 acres, more or less.

The lands described above are proven to be productive by the following well:

The San Juan 29-6 #77 Well, located 1,850' from the North line and 990' from the East line of Section 22, Township 29 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on November , 1963, and completed on December 10, 1963, at a total depth of 7,815'. The Dakota Formation from 7,620' - 7,624', 7,698' - 7,710', 7,742' - 7,746', 7,760' - 7,764', 7,773' - 7,777', was treated with a sand-water fracturing process. The well was shut-in on December 16, 1963, and after being shut-in for seven (7) days the Dakota Formation was tested on December 23, 1963, and

following a three (3) hour blow-down period gauged 2,351 MCFGPD through a 3/4" choke and 2,487 MCFGPD by the calculated absolute open-flow method with a SIPT of 2,767 psia and a SIPC of 2,767 psia.

The San Juan 29-6 #81 Well, located 1,675' from the South line and 1,190' from the West line of Section 25, Township 29 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on November 18, 1963, and completed on December 14, 1963, at a total depth of 7,796'. The Dakota Formation from 7,709' - 7,713', 7,728' - 7,734', 7,756' - 7,762', 7,760' - 7,772' was treated with a sand-water fracturing process. The well was shut-in on December 16, 1963, and after being shut-in seven (7) days the Dakota Formation was tested on December 23, 1963, and following a three (3) hour blow-down period gauged 3,570 MCFGPD through a 3/4" choke and 4,277 MCFGPD by the calculated absolute open-flow method with a SIPT of 2,597 psia and a SIPC of 2,593 psia.

In support of these applications, the following listed Exhibits are made a part hereof:

Exhibit "A"

Ownership map reflecting the boundaries of the Unit and the proposed First and Second Expansions of the Dakota Participating Area.

Exhibit "B"

Geological report on the First and Second Expansions of the Dakota Participating Area within the San Juan 29-6 Unit.

Exhibit "C"

Structural Contour Maps.

Exhibit "D"

Schedules of Dakota Gas Production.

Attached are Schedules II and III which show the proposed First and Second Expanded Participating Areas for the Dakota Formation in the San Juan 29-6 Unit Area. These Schedules describe the Expanded Participating Areas, show the percentage of unitized substances allocated to each unitized tract, and the percentages of ownership in each tract.

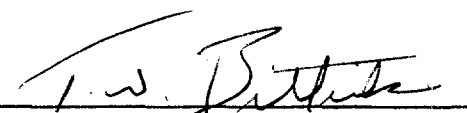
If the First and Second Expanded Participating Areas of the Dakota Formation meet with your approval, please indicate such approval in the space provided below and return an approved copy hereof for our files.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By



T. W. Bittick
Assistant Manager
Land Department

APPROVED: _____ Date: _____
Director, United States Geological Survey
Subject to like approval by the appropriate
State officials.

APPROVED: *[Signature]* Date: *[Date]*
Commissioner of Public Lands
Subject to like approval by the United
States Geological Survey and the Oil
Conservation Commission.

APPROVED: *[Signature]* Date: *[Date]*
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 First and Second Expanded Participating
Areas for the Dakota Formation, San Juan 29-6 Unit, #14-08-001-439, Rio Arriba
County, New Mexico.

El Paso Natural Gas Company 419

El Paso, Texas

MAIL OFFICE 800

1964 MAY 13 AM 6 20

May 11, 1964

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
APPLICATION FOR APPROVAL OF THE
FIRST AND SECOND EXPANDED PARTICIPATING
AREAS OF THE DAKOTA FORMATION
Effective November 1, 1963 and
December 1, 1963, respectively.

Dear Sir:

Attached are eight copies of the subject First and Second Expanded Participating Areas for the Dakota Formation for the San Juan 29-6 Unit, together with the appropriate exhibits and geological information.

If these Expansions meet with your approval, please execute all copies in the space provided and secure the approval of the Oil Conservation Commission on all copies thereof. Upon approval of the Oil Conservation Commission and your office, will you please retain two copies for your files and have the Oil Conservation Commission retain one copy for their files and forward the remaining five copies to the United States Geological Survey for approval.

Very truly yours,

Charles T. Richardson
Charles T. Richardson
Area Coordinator
Land Department

CTR:MB:fsc
Enclosures
- Registered Mail -

cc: United States Geological Survey)
Oil Conservation Commission) Enclosures sent to Commissioner of Public
Lands

COPY

El Paso Natural Gas Company

100 MAR 29 AM

El Paso, Texas

March 26, 1963

417

Mr. John A. Anderson
Regional Oil and Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico

Commissioner of Public Lands
State of New Mexico
P. O. Box 791
Santa Fe, New Mexico

Oil Conservation Commission
State of New Mexico
P. O. Box 871
Santa Fe, New Mexico

Re: San Juan 29-6 Unit #14-08-001-439
NOTICE OF COMPLETION OF ADDITIONAL
WELL, Mesaverde Formation

Gentlemen:

Pursuant to Section 11(a) of the San Juan 29-6 Unit Agreement, #14-08-001-439, approved December 5, 1952, El Paso Natural Gas Company, as Unit Operator, determined that one (1) additional well capable of producing unitized substances in paying quantities from the Mesaverde Formation had been completed upon acreage committed to the unit. This well is as follows:

The San Juan 29-6 Unit #74 Well, located 1750' from the North line and 800' from the East line of Section 20, Township 29 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on December 14, 1962, and completed on December 30, 1962, at a total depth of 5600' in the Mesaverde Formation. The Mesaverde Formation in the intervals between 5052' - 5058', 5072' - 5076', 5092' - 5098', 5436' - 5440', 5456' - 5462', 5472' - 5484', 5498' - 5504' was treated with a sand-water fracturing process on December 28, 1962. The well was shut-in on December 30, 1962, and after being shut-in for sixty (60) days, the Mesaverde Formation was tested on March 1, 1963, and following a three (3) hour blow-down period gauged 5062 MCFGPD through a 3/4" choke and

12,245 MCFGPD by the calculated absolute open-flow method, with an SIPC of 1111 psia and an SIPT of 1110 psia. The committed drilling block upon which this well is located is described as the E/2 of Section 20, Township 29 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico, containing 320.00 acres.

This drilling block was included in the San Juan 29-6 Unit Thirty-Seventh Expanded Participating Area, effective November 1, 1962, as an intervening drilling block. Therefore, the Participating Area is not enlarged.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By T. W. Bittick
T. W. Bittick
Assistant Manager
Land Department

TWB:GWO:ag

SAN JUAN 29-6 UNIT
Working Interest Owners

American Petrofina Company of Texas
P. O. Box 2159
Dallas 21, Texas

Aztec Oil & Gas Company
Attention: Mr. H. L. Snider, Jr.
920 Mercantile Securities Building
Dallas, Texas

Mr. Tom Bolack
1010 North Dustin Drive
Farmington, New Mexico

Frankfort Oil Company
District Production Office
108 Gulf Building
Midland, Texas

General American Oil Company of Texas
Attention: Mr. James W. Goss, Jr.
Meadows Building
Dallas 6, Texas

Mrs. Veva Jean Gibbard
P. O. Box 436
Sulphur, Oklahoma

Estate of Eula Mae Johnston
First National Bank of Ft. Worth, Trustee
P. O. Box 2260
Fort Worth, Texas

Mr. Ralph A. Johnston
2635 Humble Building
Houston 2, Texas

Mr. V. A. Johnston
Ralls, Texas

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

Mr. Forrest B. Miller
Mrs. Mabelle M. Miller
220 Shelby Street
Santa Fe, New Mexico

Pan American Petroleum Corporation
Attention: Mr. T. M. Curtis
P. O. Box 480
Farmington, New Mexico

Phillips Petroleum Company
Attention: Mr. A. J. Hintze
402 Bank Building
Bartlesville, Oklahoma

Phillips Petroleum Company
Attention: Mr. C. W. Corbett
1200 Denver Club Building
Denver 2, Colorado

Rock Island Oil & Refining Co., Inc.
321 West Douglas
Wichita, Kansas

Joseph E. Seagram & Sons, Inc.
P. O. Box 747
1500 Davis Building
Dallas 21, Texas

Southern Petroleum Exploration, Inc.
Attention: Mr. John C. Wright
P. O. Box 192
Sistersville, West Virginia

Southern Union Production Company
Fidelity Union Tower
1507 Pacific Avenue
Dallas, Texas

Southwest Production Company
3108 Southland Center
Dallas, Texas

Mr. J. Glenn Turner
1900 Mercantile Dallas Building
Dallas, Texas

Union Oil Company of California
Attention: Mr. C. F. Bowden
619 W. Texas Street
Midland, Texas

Union Texas Petroleum
A Division of Allied Chemical Corp.
P. O. Box 2120
Houston, Texas

SAN JUAN 29-6 UNIT
Working Interest Owners
(Continued)

Union Texas Petroleum
A Division of Allied Chemical Corp.
Attn: Mr. Wm. M. Brodrick
Suite B-400
1740 Broadway
Denver 2, Colorado

United States Smelting, Refining & Mining
Company
P. O. Box 1877
Wilco Building
Midland, Texas

Western Natural Gas Company
Attention: Mr. K. P. Moore
P. O. Box 1508
Houston, Texas

El Paso Natural Gas Company

419

100 MAR 15 11 1 34

El Paso, Texas

March 8, 1963

Mr. John A. Anderson
Regional Oil and Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico

Commissioner of Public Lands
State of New Mexico
P. O. Box 791
Santa Fe, New Mexico

Oil Conservation Commission
State of New Mexico
P. O. Box 871
Santa Fe, New Mexico

Re: San Juan 29-6 Unit #14-08-001-439
Correction to Notice of Completion
of Additional Well, Mesaverde
Formation
San Juan 29-6 Unit #73 Well
W/2 Sec. 20, T-29-N, R-6-W., N.M.P.M.,
Rio Arriba County, New Mexico

Gentlemen:

Reference is made to our letter of February 25, 1963, wherein we advised that subject additional well had been completed in the Mesaverde Formation in and under the W/2 of Section 20 and that these lands had previously been committed to the San Juan 29-6 Unit Area. In this letter we stated that the said W/2 of Section 20, the drilling block upon which this San Juan 29-6 Unit #73 Well is located, had been included within the Thirty-Seventh Expanded Participating Area, effective November 1, 1962. We have subsequently determined that this statement was erroneous and that the said W/2 of Section 20 is actually included within the Thirty-Third Expanded Participating Area of the Mesaverde Formation with an effective date of June 1, 1962.

We respectfully request that necessary changes be effected to reflect that the said W/2 of Section 20 is included within the Thirty-Third Expanded Participating Area of the Mesaverde Formation and that such Thirty-Third Expansion is effective June 1, 1962.

Copies of this letter are being furnished to the working interest owners shown on the attached sheet in order that they also may take necessary corrective action.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By T. W. Bittick
T. W. Bittick
Assistant Manager
Land Department

TWB:GWO:ag

SAN JUAN 29-6 UNIT
Working Interest Owners

American Petrofina Company of Texas
P. O. Box 2159
Dallas 21, Texas

Aztec Oil & Gas Company
Attention: Mr. H. L. Snider, Jr.
920 Mercantile Securities Building
Dallas, Texas

Mr. Tom Bolack
1010 North Dustin Drive
Farmington, New Mexico

Frankfort Oil Company (2)
District Production Office
108 Gulf Building
Midland, Texas

General American Oil Company of Texas
Attention: Mr. James W. Goss, Jr.
Meadows Building
Dallas 6, Texas

Mrs. Veva Jean Gibbard
P. O. Box 436
Sulphur, Oklahoma

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2635 Humble Building
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Mr. V. A. Johnston
Ralls, Texas

Catherine B. McElvain, Individually and as
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Mr. Forrest B. Miller
Mrs. Mabelle M. Miller
220 Shelby Street
Santa Fe, New Mexico

Pan American Petroleum Corporation
Attention: Mr. T. M. Curtis
P. O. Box 480
Farmington, New Mexico

Phillips Petroleum Company
Attention: Mr. A. J. Hintze
402 Bank Building
Bartlesville, Oklahoma

Phillips Petroleum Company
Attention: Mr. C. W. Corbett
1200 Denver Club Building
Denver 2, Colorado

Rock Island Oil & Refining Co., Inc.
321 West Douglas
Wichita, Kansas

Joseph E. Seagram & Sons, Inc.
P. O. Box 747
1500 Davis Building
Dallas 21, Texas

Southern Petroleum Exploration, Inc.
Attention: Mr. John C. Wright
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Sistersville, West Virginia

Southern Union Production Company
Fidelity Union Tower
1507 Pacific Avenue
Dallas, Texas

Southwest Production Company
3108 Southland Center
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Mr. J. Glenn Turner
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Union Oil Company of California
617 West Texas Street
Midland, Texas

Union Texas Petroleum
A Division of Allied Chemical Corp.
P. O. Box 2120
Houston 1, Texas

Union Texas Petroleum
A Division of Allied Chemical Corp.
Attn: Wm. M. Brodrick
Suite B-400, 1740 Broadway
Denver 2, Colorado

SAN JUAN 29-6 UNIT
Working Interest Owners
(Continued)

**United States Smelting, Refining
& Mining Company**
P. O. Box 1877
Wilco Building
Midland, Texas

Western Natural Gas Company
Attention: Mr. K. P. Moore
P. O. Box 1508
Houston, Texas

El Paso Natural Gas Company

El Paso, Texas FEBRUARY 1 AM 5:17

February 25, 1963

Mr. John A. Anderson
Regional Oil and Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico

Commissioner of Public Lands
State of New Mexico
P. O. Box 791
Santa Fe, New Mexico

Oil Conservation Commission
State of New Mexico
P. O. Box 871
Santa Fe, New Mexico

Re: San Juan 29-6 Unit #14-08-001-439
NOTICE OF COMPLETION OF ADDITIONAL
WELL, MESAVERDE FORMATION

Gentlemen:

Pursuant to Section 11(a) of the San Juan 29-6 Unit Agreement, #14-08-001-439, approved December 5, 1952, El Paso Natural Gas Company, as Unit Operator, determined that one (1) additional well capable of producing unitized substances in paying quantities from the Mesaverde Formation had been completed upon acreage committed to the unit. This well is as follows:

The San Juan 29-6 Unit #73 Well, located 1750' from the South line and 990' from the West line of Section 20, Township 29 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on November 11, 1962, and completed on December 12, 1962, at a total depth of 5511' in the Mesaverde Formation. The Mesaverde Formation in the intervals between 4986'-4998', 5334'-5340', 5362'-5368', 5382'-5392', 5428' - 5434', 5456' - 5462', was treated with a sand-water fracturing process on December 10, 1962. The well was shut-in for gauge on December 12, 1962, and after being shut-in for seventeen (17) days, the well was tested in the Mesaverde Formation on December 29, 1962, and following a three (3) hour blow-down period gauged 6350 MCFGPD through a 3/4" choke and 7976 MCFGPD by the calculated absolute open-flow method, with an

SIPC of 1104 psia and an SIPT of 1110 psia. The committed drilling block upon which this well is located is described as the W/2 of Section 20, Township 29 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico, containing 320.00 acres.

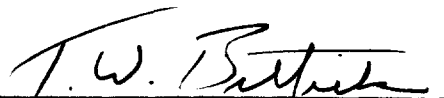
This drilling block was included in the San Juan 29-6 Unit Thirty-Seventh Expanded Participating Area effective November 1, 1962, as an intervening drilling block. Therefore, the Participating Area is not enlarged, and the percentages remain the same.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By



T. W. Bittick
Assistant Manager
Land Department

TWB:GWO:ag

SAN JUAN 29-6 UNIT
Working Interest Owners

American Petrofina Company of Texas
P. O. Box 2159
Dallas 21, Texas

Aztec Oil & Gas Company
Attention: Mr. H. L. Snider, Jr.
920 Mercantile Securities Building
Dallas, Texas

Mr. Tom Bolack
1010 North Dustin Drive
Farmington, New Mexico

Frankfort Oil Company (2)
District Production Office
108 Gulf Building
Midland, Texas

General American Oil Company of Texas
Attention: Mr. James W. Goss, Jr.
Meadows Building
Dallas 6, Texas

Mrs. Veva Jean Gibbard
P. O. Box 436
Sulphur, Oklahoma

Estate of Eula Mae Johnston
First National Bank of Ft. Worth, Trustee
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Fort Worth, Texas

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Catherine B. McElvain, Individually and as
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Deceased
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Santa Fe, New Mexico

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Mrs. Mabelle M. Miller
220 Shelby Street
Santa Fe, New Mexico

Pan American Petroleum Corporation
Attention: Mr. T. M. Curtis
P. O. Box 480
Farmington, New Mexico

Phillips Petroleum Company
Attn: Mr. A. J. Hintze
Manager, Western Region
Exploration Division
Exploration & Production Dept.
402 Bank Building
Bartlesville, Oklahoma

Phillips Petroleum Company
Attn: C. W. Corbett, Manager
Exploration & Production Dept.
1200 Denver Club Building
Denver 2, Colorado

Rock Island Oil & Refining Co., Inc.
321 West Douglas
Wichita, Kansas

Joseph E. Seagram & Sons, Inc.
P. O. Box 747
1500 Davis Building
Dallas 21, Texas

Southern Petroleum Exploration, Inc.
Attention: Mr. John C. Wright
P. O. Box 192
Sistersville, West Virginia

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Fidelity Union Tower
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Southwest Production Company
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Dallas, Texas

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1900 Mercantile Dallas Building
Dallas, Texas

United States Smelting, Refining &
Mining Company
P. O. Box 1877
Wilco Building
Midland, Texas

Union Oil Company of California
Attn: C. F. Bowden
617 West Texas Street
Midland, Texas

SAN JUAN 29-6 UNIT
Working Interest Owners
(Continued)

Union Texas Petroleum
A Division of Allied Chemical Corporation
P. O. Box 2120
Houston 1, Texas

Union Texas Petroleum
A Division of Allied Chemical Corporation
Attn: Wm. M. Brodrick
Suite B-400, 1740 Broadway
Denver 2, Colorado

Western Natural Gas Company
Attention: Mr. K. P. Moore
P. O. Box 1508
Houston, Texas

419

NO. 100 000

El Paso Natural Gas Company

El Paso, Texas

February 8, 1963

Mr. John A. Anderson
Regional Oil and Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico

Commissioner of Public Lands
State of New Mexico
P. O. Box 791
Santa Fe, New Mexico

Oil Conservation Commission
State of New Mexico
P. O. Box 871
Santa Fe, New Mexico

Re: San Juan 29-6 Unit #14-08-001-439
NOTICE OF COMPLETION OF ADDITIONAL
WELL, Mesaverde Formation

Gentlemen:

Pursuant to Section 11(a) of the San Juan 29-6 Unit Agreement, #14-08-001-439, approved December 5, 1952, El Paso Natural Gas Company, as Unit Operator, determined that one (1) additional well capable of producing unitized substances in paying quantities from the Mesaverde Formation had been completed upon acreage committed to the unit. This well is as follows:

The San Juan 29-6 Unit #39 Well, located 990' from the North line and 1650' from the East line of Section 22, Township 29 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on October 31, 1962, and completed on November 23, 1962, at a total depth of 5707' in the Mesaverde Formation. The Mesaverde Formation in the intervals between 5148'-5160', 5180'-5186', 5508'-5512', 5531'-5534', 5548'-5554', 5572'-5578' was treated with a sand-water fracturing process on November 21, 1962. The well was shut-in on November 23, 1962, and after being shut-in for eighteen (18) days, the Mesaverde Formation was tested on December 11, 1962, and following a three (3) hour blow-down period gauged 2407 MCFGPD through a 3/4"

choke and 2473 MCFGPD by the calculated absolute open-flow method, with an SIPC of 1084 PSIA and an SIPT of 309 PSIA. The committed drilling block upon which this well is located is described as the E/2 of Section 22, Township 29 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico, containing 320.00 acres.

The drilling block was included in the San Juan 29-6 Unit Thirty-Fifth Expanded Participating Area, effective August 1, 1962, as an intervening drilling block. Therefore, the Participating Area is not enlarged.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By



T. W. Bittick
Assistant Manager
Land Department

TWB:GWO:ag

SAN JUAN 29-6 UNIT
Working Interest Owners

American Petrofina Company of Texas
P. O. Box 2159
Dallas 21, Texas

Aztec Oil & Gas Company
Attention: Mr. H. L. Snider, Jr.
920 Mercantile Securities Building
Dallas, Texas

Mr. Tom Bolack
1010 North Dustin Drive
Farmington, New Mexico

Frankfort Oil Company (2)
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108 Gulf Building
Midland, Texas

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P. O. Box 2260
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Houston 3, Texas

Mr. V. A. Johnston
Ralls, Texas

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

Mr. Forrest B. Miller
Mrs. Mabelle M. Miller
220 Shelby Street
Santa Fe, New Mexico

Pan American Petroleum Corporation (12)
Attention: Mr. T. M. Curtis
P. O. Box 480
Farmington, New Mexico

Phillips Petroleum Company
Attention: Mr. R. F. Rood
402 Bank Building
Bartlesville, Oklahoma

Phillips Petroleum Company
Attn: C. W. Corbett, Manager
Exploration & Production Dept.
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Sistersville, West Virginia

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Fidelity Union Tower
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Southwest Production Company
3108 Southland Center
Dallas, Texas

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P. O. Box 1877
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617 West Texas Street
Midland, Texas

Union Texas Petroleum
A Division of Allied Chemical Corp.
P. O. Box 2120
Houston 1, Texas

SAN JUAN 29-6 UNIT
Working Interest Owners
(Continued)

Union Texas Petroleum
A Division of Allied Chemical Corp.
Attn: Wm. M. Brodrick
Suite B-400, 1740 Broadway
Denver 2, Colorado

Western Natural Gas Company
Attention: Mr. K. P. Moore
P. O. Box 1508
Houston, Texas

El Paso Natural Gas Company

El Paso, Texas

December 4, 1962

417

Mr. John A. Anderson
Regional Oil and Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico

Commissioner of Public Lands
State of New Mexico
P. O. Box 791
Santa Fe, New Mexico

Oil Conservation Commission
State of New Mexico
P. O. Box 871
Santa Fe, New Mexico

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
APPLICATION FOR APPROVAL OF THE
INITIAL PARTICIPATING AREA FOR
THE DAKOTA FORMATION, effective
October 21, 1960


Gentlemen:

This is to inform you that the regulatory bodies approved the Initial Expansion of the Dakota Participating Area of the San Juan 29-6 Unit on the dates set out below:

1. Director, United States Geological Survey September 19, 1962
2. Commissioner of Public Lands State of New Mexico April 26, 1962
3. Oil Conservation Commission State of New Mexico April 20, 1962

Copies of this letter are being sent to the working interest owners of the San Juan 29-6 Unit.

Very truly yours,


Charles T. Richardson
Area Coordinator
Land Department

El Paso Natural Gas Company

El Paso, Texas

December 3, 1962

Mr. John A. Anderson
Regional Oil and Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico

Commissioner of Public Lands
State of New Mexico
P. O. Box 791
Santa Fe, New Mexico

Oil Conservation Commission
State of New Mexico
P. O. Box 871
Santa Fe, New Mexico

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
NOTICE OF COMPLETION OF ADDITIONAL
WELL AND THIRTY-SEVENTH EXPANDED
PARTICIPATING AREA
Mesaverde Formation, effective
November 1, 1962

Gentlemen:

Pursuant to Section 11(a) of the San Juan 29-6 Unit Agreement, #14-08-001-439, approved December 5, 1952, El Paso Natural Gas Company as Unit Operator, determined on the dates set out below that one (1) additional well capable of producing unitized substances in paying quantities from the Mesaverde Formation has been completed upon acreage committed to this unit. This well is as follows:

The San Juan 29-6 #71 Well is located 850' from the North line and 1840' from the East line of Section 17, Township 29 North, Range 6 West, Rio Arriba County, New Mexico. This well was spudded on August 29, 1962, and completed on September 17, 1962 at a total depth of 5981'. The Mesaverde Formation in the intervals between 5466' - 5478', 5821' - 5827', 5866' - 5874', 5880' - 5892' was treated with a sand-water fracturing process on September 15, 1962. This well was shut-in on September 17, 1962, and after being

shut-in for twenty-two (22) days, the well was tested on October 9, 1962, and following a three (3) hour blow-down period the Mesaverde Formation gauged 4830 MCFGPD through a 3/4" choke, and 12,838 MCFGPD by the calculated absolute open-flow method, with a SIPC of 1043 PSIA and a SIPT of 1041 PSIA. The committed drilling block upon which this well is located is described as the E/2 of Section 17, Township 29 North, Range 6 West, N.M.P.M., containing 320 acres.

The foregoing drilling block was included in the San Juan 29-6 Unit Thirty-Fourth Expanded Participating Area of the Mesaverde Formation, effective July 1, 1962, as an intervening drilling block.

The completion of the San Juan 29-6 Unit #71 Well creates one (1) intervening drilling block described as the E/2 of Section 20, Township 29 North, Range 6 West, N.M.P.M., containing 320.00 acres, more or less. Under the terms of the San Juan 29-6 Unit Agreement this intervening drilling block is admitted to the Mesaverde Participating Area effective November 1, 1962, and a well must be commenced upon said block by November 1, 1963.

Attached is Schedule XXXVIII showing the Thirty-Seventh Expanded Participating Area for the Mesaverde Formation of the San Juan 29-6 Unit Area. This describes the Expanded 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 disapproval, this Thirty-Seventh Expanded Participating Area will become effective as of November 1, 1962. The entire unit area comprising a total of 22,509.17 acres is now participating in the Mesaverde Formation.

Copies of this letter and schedule are being sent to the working interest owners as shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By



T. W. Bittick
Assistant Manager
Land Department

TWB:GWO:ag
Enclosures

El Paso Natural Gas Company

El Paso, Texas

419

October 17, 1962

Mr. John A. Anderson
Regional Oil and Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico

Commissioner of Public Lands
State of New Mexico
P. O. Box 791
Santa Fe, New Mexico

Oil Conservation Commission
State of New Mexico
P. O. Box 871
Santa Fe, New Mexico

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
NOTICE OF COMPLETION OF ADDITIONAL
WELLS AND THIRTY-SIXTH EXPANDED
PARTICIPATING AREA
Mesaverde Formation, effective
October 1, 1962

Gentlemen:

By letter dated October 15, 1962, El Paso Natural Gas Company forwarded the Thirty-Sixth Expansion of the Mesaverde Formation for the San Juan 29-6 Unit. These Expansions were submitted without having the necessary maps attached. We are, therefore, enclosing with this letter the necessary copies of the map showing the enlarged Mesaverde Participating Area.

Very truly yours,

Original Signed by
HARRY GEVERTZ
Harry Gevertz
Regional Landman
Land Department

HG:AJM:ag
Enclosures

El Paso Natural Gas Company

El Paso, Texas

October 15, 1962

419

Mr. John A. Anderson
Regional Oil and Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico

Commissioner of Public Lands
State of New Mexico
P. O. Box 791
Santa Fe, New Mexico

Oil Conservation Commission
State of New Mexico
P. O. Box 871
Santa Fe, New Mexico

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
NOTICE OF COMPLETION OF ADDITIONAL
WELLS AND THIRTY-SIXTH EXPANDED
PARTICIPATING AREA
Mesaverde Formation, effective
October 1, 1962

Gentlemen:

Pursuant to Section 11(a) of the San Juan 29-6 Unit Agreement, #14-08-001-439, approved December 5, 1952, El Paso Natural Gas Company as Unit Operator, determined on the dates set out below that two (2) additional wells capable of producing unitized substances in paying quantities from the Mesaverde Formation have been completed upon acreage committed to this unit. These wells are as follows:

The San Juan 29-6 #72 Well is located 990' from the South line and 990' from the West line of Section 22, Township 29 North, Range 6 West, Rio Arriba County, New Mexico. This well was spudded on August 7, 1962 and completed on September 1, 1962 at a total depth of 5663'. The Mesaverde Formation in the intervals between 5102'-5108', 5122' - 5128', 5460' - 5466', 5494' - 5500', 5536' - 5542', was treated with a sand-water fracturing process on August 30, 1962. This well was shut-in on September 1, 1962, and after being shut-in for eleven (11) days, the well was tested on September 12, 1962, and following a three (3) hour blow-down period the Mesaverde Formation gauged 7057 MCFGPD through a 3/4" choke, and 10,240 MCFGPD by the calculated absolute

open-flow method, with a SIPC of 1069 PSIA and a SIPT of 807 PSIA. The committed drilling block upon which this well is located is described as the W/2 of Section 22, Township 29 North, Range 6 West, N.M.P.M., containing 320.00 acres. Under the terms of the San Juan 29-6 Unit Agreement this drilling block is admitted to the Mesa-verde Participating Area effective October 1, 1962.

The San Juan 29-6 Unit #46 Well is located 1650' from the South line and 1650' from the West line of Section 27, Township 29 North, Range 6 West, Rio Arriba County, New Mexico. This well was spudded on July 8, 1962, and completed on July 29, 1962, at a total depth of 5593'. The Mesaverde Formation in the intervals between 5056' - 5068', 5372' - 5378', 5422' - 5428', 5440' - 5446', 5454' - 5460', 5496' - 5502', was treated with a sand-water fracturing process on July 28, 1962. The well was shut-in on August 23, 1962, and after being shut-in for twenty (20) days, the well was tested on September 12, 1962, and following a three (3) hour blow-down period the Mesaverde Formation gauged 7548 MCFGPD through a 3/4" choke, and 10,119 MCFGPD by the calculated absolute open-flow method, with an SIPC of 1111 PSIA and an SIPT of 1106 PSIA. The committed drilling block upon which this well is located is described as the W/2 of Section 27, Township 29 North, Range 6 West, N.M.P.M., containing 320.00 acres. The completion of this well does not cause an expansion since the W/2 of Section 27 was included in the Thirty-Fifth Expansion.

Attached is Schedule XXXVII showing the Thirty-Sixth Expanded Participating Area for the Mesaverde Formation of the San Juan 29-6 Unit Area. This describes the Expanded 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 disapproval, this Thirty-Sixth Expanded Participating Area will become effective as of October 1, 1962.

Copies of this letter and schedule are being sent to the working interest owners as shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By



T. W. Bittick
Assistant Manager
Land Department

El Paso Natural Gas Company

El Paso, Texas

October 4, 1962

Mr. John A. Anderson
Regional Oil and Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico

Commissioner of Public Lands
State of New Mexico
P. O. Box 791
Santa Fe, New Mexico

Oil Conservation Commission
State of New Mexico
P. O. Box 871
Santa Fe, New Mexico

Re: San Juan 29-6 Unit
Initial Participating Area for
the Dakota Formation

Gentlemen:

This is to advise that the Initial Dakota Participating Area for the San Juan 29-6 Unit has been approved as follows:

Commissioner of Public Lands	April 26, 1962
Oil Conservation Commission	April 20, 1962
U. S. Geological Survey	September 19, 1962

By copy of this letter we are forwarding to the Commissioner of Public Lands and the Oil Conservation Commission a new Exhibit "C" which should be inserted in their copies of the Initial Participating Area.

A copy of this letter is being sent to each of the working interest owners shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By Charles T. Richardson
Charles T. Richardson
Area Coordinator
Land Department

CTR:AJM:ag

San Juan 29-6 4.2

Drawer 1857

Roswell, New Mexico

September 26, 1962

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas

Attention: Mr. T. W. Bittick

Gentlemen:

Your application of April 11 for the initial 320-acre Dakota participating area, San Juan 29-6 unit agreement, Rio Arriba County, New Mexico, was approved on September 19, 1962, by the Director, U. S. Geological Survey, effective as of October 21, 1960.

One approved copy of the application is enclosed. You are requested to furnish the State of New Mexico and any other interested party with appropriate evidence of this approval.

Very truly yours,

Orig. Sgd. JOHN A. ANDERSON

JOHN A. ANDERSON
Regional Oil and Gas Supervisor

Copy to: Washington (ltr. only)
BLM - Santa Fe (w/cy of appln.)
Farmington (w/cy of appln.)
NMOCC - Santa Fe (ltr. only)
Com. of Pub. Lands - Santa Fe (ltr. only)

El Paso Natural Gas Company

El Paso, Texas

September 4, 1962

Mr. John A. Anderson
Regional Oil and Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico

Commissioner of Public Lands
State of New Mexico
P. O. Box 791
Santa Fe, New Mexico

Oil Conservation Commission
State of New Mexico
P. O. Box 871
Santa Fe, New Mexico

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
THIRTY-FIFTH EXPANDED PARTICIPATING AREA
Mesaverde Formation, effective August 1, 1962

Gentlemen:

Pursuant to Section 11(a) of the San Juan 29-6 Unit Agreement, #14-08-001-439, approved December 5, 1962, El Paso Natural Gas Company as Unit Operator, determined on the date set out below that one (1) additional well capable of producing unitized substances in paying quantities from the Mesaverde Formation has been completed upon acreage committed to this unit. This well is as follows:

The San Juan 29-6 Unit #45 Well is located 1550' from the North line and 990' from the East line of Section 27, Township 29 North, Range 6 West, Rio Arriba County, New Mexico. This well was spudded on July 1, 1962, and completed on July 16, 1962, at a total depth of 5640'. The Mesaverde Formation in the intervals between 5040' - 5044', 5090' - 5094', 5106' - 5110', 5406' - 5412', 5430' - 5436', 5462' - 5468', 5492' - 5498', 5518' - 5524', was treated with a water fracturing process on July 13, 1962. The well was shut-in on July 16, 1962, and after being shut-in for ten (10) days, the well was tested on July 26, 1962, and following a three (3) hour blow-down period the Mesaverde Formation gauged 1822 MCFGPD through a 3/4" choke, and 2097 MCFGPD by the calculated absolute open-flow method, with an SIPC of 1090 PSIA and an SIPT of 686 PSIA. The committed drilling block upon which this well is located is described as the E/2 of Section 27, Township 29 North, Range 6 West, N.M.P.M., containing 320.00 acres.

The completion of the San Juan 29-6 Unit #45 Well creates two (2) intervening drilling blocks in the Mesaverde Formation described as the W/2 of Section 27 and the E/2 of Section 22, Township 29 North, Range 6 West, N.M.P.M., each containing 320.00 acres. Under the terms of the San Juan 29-6 Unit Agreement, the two drilling blocks are admitted to the Mesaverde Participating Area effective August 1, 1962, and a well must be commenced on each of said drilling blocks by August 1, 1963.

Attached is Schedule XXXVI showing the Thirty-Fifth Expanded Participating Area for the Mesaverde Formation of the San Juan 29-6 Unit Area. This describes the Expanded 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 disapproval, this Thirty-Fifth Expanded Participating Area will become effective as of August 1, 1962.

Copies of this letter and schedule are being sent to the working interest owners as shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By



T. W. Bittick
Assistant Manager
Land Department

TWB:AJM:js

SAN JUAN 29-6 UNIT
Working Interest Owners

American Petrofina Company of Texas
P. O. Box 2159
Dallas 21, Texas

Aztec Oil & Gas Company
Attention: Mr. H. L. Snider, Jr.
920 Mercantile Securities Building
Dallas, Texas

Mr. Tom Bolack
1010 North Dustin Drive
Farmington, New Mexico

Frankfort Oil Company
District Production Office
108 Gulf Building
Midland, Texas

General American Oil Company of Texas
Attention: Mr. James W. Goss, Jr.
Meadows Building
Dallas 6, Texas

Mrs. Veva Jean Gibbard
P. O. Box 436
Sulphur, Oklahoma

Estate of Eula Mae Johnston
First National Bank of Ft. Worth, Trustee
Fort Worth, Texas

Mr. Ralph A. Johnston
410 Pierce Avenue
Houston 3, Texas

Mr. V. A. Johnston
Ralls, Texas

Mr. T. H. McElvain
220 Shelby Street
Santa Fe, New Mexico

Mr. Forrest B. Miller
Mrs. Mabelle M. Miller
220 Shelby Street
Santa Fe, New Mexico

Pan American Petroleum Corporation
Attention: Mr. T. M. Curtis
P. O. Box 480
Farmington, New Mexico

Phillips Petroleum Company
Attention: Mr. R. F. Rood or Mr. V. H. Stone
508 Bank Building
Bartlesville, Oklahoma

Phillips Petroleum Company
Attention: Division Landman
Land & Geological Department
1200 Denver Club Building
Denver 2, Colorado

Rock Island Oil & Refining Co., Inc.
321 West Douglas
Wichita, Kansas

Mr. Orville C. Rogers
3840 West Bay Circle
Dallas 14, Texas

Joseph E. Seagram & Sons, Inc.
P. O. Box 747
1500 Davis Building
Dallas 21, Texas

Southern Petroleum Exploration, Inc.
Attention: Mr. John C. Wright
P. O. Box 192
Sistersville, West Virginia

Southern Union Production Company
1507 Pacific Avenue
Dallas, Texas

Texas National Petroleum Company
410 Pierce Avenue
Houston 3, Texas

Mr. J. Glenn Turner
1900 Mercantile Dallas Building
Dallas, Texas

United States Smelting, Refining
& Mining Company
P. O. Box 1877
Wilco Building
Midland, Texas

Western Natural Gas Company
Attention: Mr. K. P. Moore
P. O. Box 1508
Houston, Texas

Union Texas Petroleum
A Division of Allied Chemical Corp.
Liberty Bank Building
Oklahoma City 2, Oklahoma

Union Texas Petroleum
A Division of Allied Chemical Corp.
Suite B-400, 1740 Broadway
Denver 2, Colorado

El Paso Natural Gas Company

El Paso, Texas

July 13, 1962

411

Mr. John A. Anderson
Regional Oil and Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico

Commissioner of Public Lands
State of New Mexico
P.O. Box 791
Santa Fe, New Mexico

Oil Conservation Commission
State of New Mexico
P.O. Box 871
Santa Fe, New Mexico

Re: San Juan 29-6 Unit #14-08-001-439
NOTICE OF COMPLETION OF ADDITIONAL WELL

Gentlemen:

Pursuant to Section 11(a) of the San Juan 29-6 Unit Agreement, #14-08-001-439, approved December 5, 1962, El Paso Natural Gas Company, as Unit Operator, determined that one (1) additional well capable of producing unitized substances in paying quantities from the Mesaverde Formation had been completed upon acreage committed to the unit. This well is as follows:

The San Juan 29-6 Unit #30 Well, located 1650' from the North line and 790' from the East line of Section 10, Township 29 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on May 30, 1962, and completed on June 13, 1962, at a total depth of 5732' in the Mesaverde Formation. The Mesaverde Formation from 5224' - 5228', 5240' - 5244', 5613' - 5617', 5632' - 5636', 5660' - 5664' was treated with a sand-water fracturing process on June 12, 1962. After being shut-in for nine (9) days, the well was tested in the Mesaverde Formation on June 22, 1962, and following a three (3) hour blow-down period gauged 4351 MCFGPD through a 3/4" choke and 10,418 MCFGPD by the calculated absolute

open-flow method, with an SIPT of 998 PSIA. The committed drilling block upon which this well is located is described as the E/2 Section 10, Township 29 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico, containing 320.00 acres.

The drilling block was included in the San Juan 29-6 Unit Thirty-First Expanded Participating Area effective July 1, 1961, as an intervening drilling block. Therefore, the Participating Area is not enlarged, and the percentages remain the same.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By


T. W. Bittick
Assistant Manager
Land Department

TWB:AJM:cah

SAN JUAN 29-6 UNIT
Working Interest Owners

American Petrofina Company
P.O. Box 2159
Dallas 21, Texas

Aztec Oil & Gas Company
Attention: Mr. H. L. Snider, Jr.
920 Mercantile Securities Building
Dallas, Texas

Mr. Tom Bolack
1010 North Dustin
Farmington, New Mexico

Frankfort Oil Company (2) (4 AFEs)
District Production Office
108 Gulf Building
Midland, Texas

General American Oil Co. of Texas
Attention: Mr. James W. Goss, Jr.
Meadows Building
Dallas 6, Texas

Mrs. Veva Jean Gibbard
P.O. Box 436
Sulphur, Oklahoma

Estate of Eula Mae Johnston
First National Bank of Ft. Worth,
Trustee
Fort Worth, Texas

Mr. Ralph A. Johnston
1010 South Coast Building
Houston 2, Texas

Mr. V. A. Johnston
Ralls, Texas

Mr. T. H. McElvain
220 Shelby Street
Santa Fe, New Mexico

Mr. Forrest B. Miller
Mrs. Mabelle M. Miller
220 Shelby Street
Santa Fe, New Mexico

Pan American Petroleum Corporation (12)
Attention: Mr. T. M. Curtis
P.O. Box 480
Farmington, New Mexico

Phillips Petroleum Company
Attention: Mr. R.F. Rood or V.H. Stone
508 Bank Building
Bartlesville, Oklahoma

Phillips Petroleum Company
Attention: Division Landman
Land & Geological Department
1200 Denver Club Building
Denver 2, Colorado

Rock Island Oil & Refining Co., Inc.
321 West Douglas
Wichita, Kansas

Mr. Orville C. Rogers
2840 West Bay Circle
Dallas 14, Texas

Joseph E. Seagram & Sons, Inc.
P.O. Box 747
1500 Davis Building
Dallas 21, Texas

Southern Petroleum Exploration, Inc.
Attention: Mr. John C. Wright
P.O. Box 192
Sistersville, West Virginia

Southern Union Production Company
1507 Pacific Avenue
Dallas, Texas

Texas National Petroleum Company
410 Pierce Avenue
Houston 3, Texas

Mr. J. Glenn Turner
1900 Mercantile Dallas Building
Dallas, Texas

United States Smelting, Refining
& Mining Company
P.O. Box 1877
Wilco Building
Midland, Texas

Western Natural Gas Company
Attention: Mr. K. P. Moore
P.O. Box 1508
Houston, Texas

SAN JUAN 29-6 UNIT
Working Interest Owners
Page 2

Union Texas Petroleum
A Division of Allied Chemical Corporation
Liberty Bank Building
Oklahoma City 2, Oklahoma
Attention: Mr. B. F. Murphy,
Exploration Manager

Union Texas Petroleum
A Division of Allied Chemical Corporation
Suite B-400, 1740 Broadway
Denver 2, Colorado
Attention: Mr. William M. Brodrick
District Exploration Manager

El Paso Natural Gas Company

El Paso, Texas

July 5, 1962

4.9

Mr. John A. Anderson
Regional Oil and Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico

Commissioner of Public Lands
State of New Mexico
P. O. Box 791
Santa Fe, New Mexico

Oil Conservation Commission
State of New Mexico
P. O. Box 871
Santa Fe, New Mexico

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
**THIRTY-FOURTH EXPANDED PARTICIPATING
AREA, Mesaverde Formation**
Effective July 1, 1962

Gentlemen:

Pursuant to Section 11(a) of the San Juan 29-6 Unit Agreement, #14-08-001-439, approved December 5, 1952, El Paso Natural Gas Company, as Unit Operator, determined on the date set out below that one (1) additional well capable of producing unitized substances in paying quantities from the Mesaverde Formation has been completed upon acreage committed to this unit. This well is as follows:

The San Juan 29-6 Unit #38 Well is located 990' from the South line and 1650' from the West line of Section 16, Township 29 North, Range 6 West, Rio Arriba County, New Mexico. This well was spudded on May 14, 1962, and completed on May 28, 1962, at a total depth of 5653'. The Mesaverde Formation in the intervals between 5156' - 5164', 5510' - 5518', 5540' - 5545', 5570' - 5578', was treated with a water fracturing process on May 27, 1962. The well was shut-in on May 28, 1962, and after being shut-in for nine (9) days, the well was tested on June 13, 1962, and following a three (3) hour blow-down period the Mesaverde Formation gauged 4758 MCFGPD through a 3/4" choke, and 10,744 MCFGPD by the calculated absolute open-flow method, with an SIPC of 1105 PSIA and an SIPT of 1105 PSIA. The committed drilling block upon which this well is located is described as the W/2 of Section 16, Township 29 North, Range 6 West, N.M.P.M., containing 320.00 acres.

The foregoing drilling block was included in the San Juan 29-6 Unit Thirty-First Expanded Participating Area of the Mesaverde Formation, effective July 1, 1961, as an intervening drilling block.

The completion of the San Juan 29-6 Unit #38 Well creates one intervening drilling block in the Mesaverde Formation described as the E/2 of Section 17, Township 29 North, Range 6 West, N.M.P.M. Under the terms of the San Juan 29-6 Unit Agreement, this drilling block is admitted to the Mesaverde Participating Area effective July 1, 1962, and a well must be commenced on said drilling block by July 1, 1963.

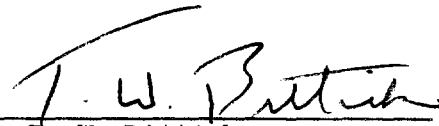
Attached is Schedule XXXV showing the Thirty-Fourth Expanded Participating Area for the Mesaverde Formation of the San Juan 29-6 Unit Area. This describes the Expanded Participating Area, and shows the percentage of unitized substances allocated to each unitized tract. Inasmuch as this needs no official approval, no provision is made therefor, and in the absence of disapproval, this Thirty-Fourth Expanded Participating Area will become effective as of July 1, 1962.

Copies of this letter and schedule are being sent to the working interest owners as shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By



T. W. Bittick
Assistant Manager
Land Department

TWB:AJM:js

SAN JUAN 29-6 UNIT
Working Interest Owners

American Petrofina Company of Texas
P. O. Box 2159
Dallas 21, Texas

Aztec Oil & Gas Company
Attention: Mr. H. L. Snider, Jr.
920 Mercantile Securities Building
Dallas, Texas

Mr. Tom Bolack
1010 North Dustin Drive
Farmington, New Mexico

Frankfort Oil Company (2)
District Production Office
108 Gulf Building
Midland, Texas

General American Oil Company of Texas
Attention: Mr. James W. Goss, Jr.
Meadows Building
Dallas 6, Texas

Mrs. Veva Jean Gibbard
P. O. Box 436
Sulphur, Oklahoma

Estate of Eula Mae Johnston
First National Bank of Ft. Worth, Trustee
Fort Worth, Texas

Mr. Ralph A. Johnston
410 Pierce Avenue
Houston 3, Texas

Mr. V. A. Johnston
Ralls, Texas

Mr. T. H. McElvain
220 Shelby Street
Santa Fe, New Mexico

Mr. Forrest B. Miller
Mrs. Mabelle M. Miller
220 Shelby Street
Santa Fe, New Mexico

Pan American Petroleum Corporation (12)
Attention: Mr. T. M. Curtis
P. O. Box 480
Farmington, New Mexico

Phillips Petroleum Company
Attention: Mr. R. F. Rood or Mr. V. H. Stone
508 Bank Building
Bartlesville, Oklahoma

Phillips Petroleum Company
Attention: Division Landman
Land & Geological Department
1200 Denver Club Building
Denver 2, Colorado

Rock Island Oil & Refining Co., Inc.
321 West Douglas
Wichita, Kansas

Mr. Orville C. Rogers
2840 West Bay Circle
Dallas 14, Texas

Joseph E. Seagram & Sons, Inc.
P. O. Box 747
1500 Davis Building
Dallas 21, Texas

Southern Petroleum Exploration, Inc.
Attention: Mr. John C. Wright
P. O. Box 192
Sistersville, West Virginia

Southern Union Production Company
Fidelity Union Tower
Dallas, Texas

Texas National Petroleum Company
410 Pierce Avenue
Houston 3, Texas

Mr. J. Glenn Turner
1900 Mercantile Dallas Building
Dallas, Texas

**United States Smelting, Refining
& Mining Company**
P. O. Box 1877
Midland, Texas

Western Natural Gas Company
Attention: Mr. K. P. Moore
P. O. Box 1508
Houston, Texas

Union Texas Petroleum
A Division of Allied Chemical Corp.
Liberty Bank Building
Oklahoma City 2, Oklahoma

Union Texas Petroleum
A Division of Allied Chemical Corp.
Suite B-400, 1740 Broadway
Denver 2, Colorado

El Paso Natural Gas Company

El Paso, Texas

June 8, 1962

Mr. John A. Anderson
Regional Oil and Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico

Commissioner of Public Lands
State of New Mexico
P. O. Box 791
Santa Fe, New Mexico

Oil Conservation Commission
State of New Mexico
P. O. Box 871
Santa Fe, New Mexico

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
THIRTY-THIRD EXPANDED PARTICIPATING
AREA, Mesaverde Formation
Effective June 1, 1962

Gentlemen:

Pursuant to Section 11(a) of the San Juan 29-6 Unit Agreement, #14-08-001-439, approved December 5, 1952, El Paso Natural Gas Company, as Unit Operator, determined on the date set out below that one (1) additional well capable of producing unitized substances in paying quantities from the Mesaverde Formation has been completed upon acreage committed to this unit. This well is as follows:

The San Juan 29-6 Unit #70 Well is located 1150' from the South line and 1500' from the West line of Section 29, Township 29 North, Range 6 West, Rio Arriba County, New Mexico. This well was spudded on May 1, 1962, and completed on May 13, 1962, at a total depth of 5562'. The Mesaverde Formation in the intervals between 4988' - 4994', 5006' - 5012', 5036' - 5042', 5380' - 5386', 5418' - 5422', 5472' - 5478', 5502' - 5508', was treated with a water fracturing process on May 12, 1962. The well was shut-in on May 13, 1962, and after being shut-in for eight (8) days, the well was tested on May 21, 1962, and following a three (3) hour blow-down period the Mesaverde Formation gauged 3795 MCFGPD through a 3/4" choke, and 4489 MCFGPD by the

calculated absolute open-flow method, with an SIPC of 1081 PSIA and an SIPT of 865 PSIA. The committed drilling block upon which this well is located is described as the W/2 of Section 29, Township 29 North, Range 6 West, N.M.P.M., containing 320.00 acres.

The foregoing drilling block was included in the San Juan 29-6 Unit Thirty-Second Expanded Participating Area of the Mesaverde Formation, effective November 1, 1961, as an intervening drilling block.

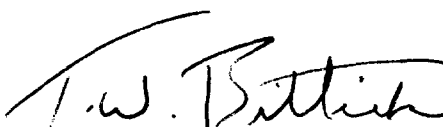
The completion of the San Juan 29-6 Unit #70 Well creates one intervening drilling block in the Mesaverde Formation described as the W/2 of Section 20, Township 29 North, Range 6 West, N.M.P.M. Under the terms of the San Juan 29-6 Unit Agreement, this drilling block is admitted to the Mesaverde Participating Area effective June 1, 1962, and a well must be commenced on said drilling block by June 1, 1963.

Attached is Schedule XXXIV showing the Thirty-Third Expanded Participating Area for the Mesaverde Formation of the San Juan 29-6 Unit Area. This describes the Expanded 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 disapproval, this Thirty-Third Expanded Participating Area will become effective as of June 1, 1962.

Copies of this letter and schedule are being sent to the working interest owners as shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By 

T. W. Bittick
Assistant Manager
Land Department

TWB:GWO:js

SAN JUAN 29-6 UNIT
Working Interest Owners

American Petrofina Company of Texas
P. O. Box 2159
Dallas 21, Texas

Aztec Oil & Gas Company
Attention: Mr. H. L. Snider, Jr.
920 Mercantile Securities Building
Dallas, Texas

Mr. Tom Bolack
1010 North Dustin Drive
Farmington, New Mexico

Frankfort Oil Company (2)
District Production Office
108 Gulf Building
Midland, Texas

General American Oil Company of Texas
Attention: Mr. James W. Goss, Jr.
Meadows Building
Dallas 6, Texas

Mrs. Veva Jean Gibbard
P. O. Box 436
Sulphur, Oklahoma

Estate of Eula Mae Johnston
First National Bank of Ft. Worth, Trustee
Fort Worth, Texas

Mr. Ralph A. Johnston
410 Pierce Avenue
Houston 3, Texas

Mr. V. A. Johnston
Ralls, Texas

Mr. T. H. McElvain
220 Shelby Street
Santa Fe, New Mexico

Mr. Forrest B. Miller
Mrs. Mabelle M. Miller
220 Shelby Street
Santa Fe, New Mexico

Pan American Petroleum Corporation (12)
Attention: Mr. T. M. Curtis
P. O. Box 480
Farmington, New Mexico

Phillips Petroleum Company
Attention: Mr. R. F. Rood or Mr. V. H. Stone
508 Bank Building
Bartlesville, Oklahoma

Phillips Petroleum Company
Attention: Division Landman
Land & Geological Department
1200 Denver Club Building
Denver 2, Colorado

Rock Island Oil & Refining Co., Inc.
321 West Douglas
Wichita, Kansas

Mr. Orville C. Rogers
2840 West Bay Circle
Dallas 14, Texas

Joseph E. Seagram & Sons, Inc.
P. O. Box 747
1500 Davis Building
Dallas 21, Texas

Southern Petroleum Exploration, Inc.
Attention: Mr. John C. Wright
P. O. Box 192
Sistersville, West Virginia

Southern Union Gas Company
Fidelity Union Tower
1507 Pacific Avenue
Dallas, Texas

Texas National Petroleum Company
410 Pierce Avenue
Houston 3, Texas

Mr. J. Glenn Turner
1900 Mercantile Dallas Building
Dallas, Texas

United States Smelting, Refining
& Mining Company
P. O. Box 1877
Wilco Building
Midland, Texas

Western Natural Gas Company
Attention: Mr. K. P. Moore
P. O. Box 1508
Houston, Texas

Union Texas Petroleum Company
A Division of Allied Chemical Corp.
Liberty Bank Building
Oklahoma City 2, Oklahoma

Union Texas Petroleum Company
A Division of Allied Chemical Corp.
Suite B-400, 1740 Broadway
Denver 2, Colorado

4/27
April 26, 1962

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas

Re: Initial Participating
Area Dakota Formation,
San Juan 29-6 Unit,
Rio Arriba County,
New Mexico

Attention: Mr. T. W. Bittick

Gentlemen:

The Commissioner of Public Lands has approved, as of this date, the Initial Participating Area for the Dakota Formation, San Juan 29-6 Unit Area, Rio Arriba County, New Mexico, subject to like approval by the U. S. Geological Survey and the Oil Conservation Commission.

Five approved copies of this application are enclosed.

Very truly yours,

E. S. JOHNNY WALKER
COMMISSIONER OF PUBLIC LANDS

By:
(Mrs.) Marian M. Rhea, Supervisor
Unit Division

ESW/amz/v

cc: U. S. Geological Survey
Roswell, New Mexico

Oil Conservation Commission
Santa Fe, New Mexico

C
O
P
Y

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

419

April 20, 1962

El Paso Natural Gas Company
P. O. Box: 1492
El Paso, Texas

Attention: Mr. T. W. Bittick

Re: Initial Participating Area,
Dakota Formation, San Juan
29-6 Unit, Rio Arriba County,
New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Initial Participating Area, Dakota Formation, for the San Juan 29-6 Unit, Rio Arriba County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

Seven approved copies of the application are being forwarded to the Commissioner of Public Lands.

Very truly yours,

A. L. PORTER, Jr.,
Secretary-Director

ALP/JEK/ig

cc: United States Geological Survey
Roswell, New Mexico

Commissioner of Public Lands
Santa Fe, New Mexico

C
O
P
Y

El Paso Natural Gas Company

El Paso, Texas

April 11, 1962

Director
United States Geological Survey
Department of the Interior
Washington 25, D. C.

Commissioner of Public Lands
Of the State of New Mexico
P. O. Box 791
Santa Fe, New Mexico

Oil Conservation Commission
Of the State of New Mexico
P. O. Box 871
Santa Fe, New Mexico

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
APPLICATION FOR APPROVAL OF THE INITIAL
PARTICIPATING AREA FOR THE DAKOTA
FORMATION, Effective October 21, 1960

Gentlemen:

Pursuant to the provisions of Section 11(b) of the San Juan 29-6 Unit Agreement, #14-08-001-439, approved December 5, 1952, El Paso Natural Gas Company, as Unit Operator, hereby respectfully requests approval of the Initial Participating Area for the Dakota Formation, to wit:

INITIAL PARTICIPATING AREA - Effective October 21, 1960

<u>Description of Lands</u>	<u>Acres</u>
Township 29 North, Range 6 West, N.M.P.M. Section 15: S/2	320.00

This proposed Initial Participating Area for the Dakota Formation is predicated upon the determination by El Paso Natural Gas Company, as Unit Operator, that the San Juan 29-6 Unit #35 (MD) Well is capable of producing unitized substances in paying quantities from the Dakota Formation. This well is located in the SW/4 of Section 15, Township 29 North, Range 6 West, N.M.P.M. Said well was spudded on August 20, 1960 and completed on October 7, 1960 at a total depth of 7862'. After being shut-in for fourteen (14) days, the Dakota Formation was tested on October 21, 1960,

and following a three (3) hour blow-down period gauged 3217 MCFGPD through a 3/4" choke and 3342 MCFGPD by the calculated absolute open-flow method with an SIPT of 2548 PSIA.

The San Juan 29-6 Unit #35 (MD) Well was also completed in the Mesaverde Formation, and pursuant to Section 11(a) of the San Juan 29-6 Unit Agreement, the Thirtieth Expanded Participating Area of the Mesaverde Formation, effective December 1, 1960, was mailed by separate letter.

In support of this application, the following listed Exhibits are made a part hereof:

EXHIBIT "A"

Ownership map reflecting the boundaries of the unit and the Initial Participating Area of the Dakota Formation within the San Juan 29-6 Unit.

EXHIBIT "B"

Geological Report on the Initial Dakota Participating Area of the Dakota Formation within the San Juan 29-6 Unit.

EXHIBIT "C"

Gas Production of the Dakota Formation within the San Juan 29-6 Unit.

EXHIBIT "D"

San Juan 29-6 Unit Structure Map.

Attached hereto is Schedule I which shows the proposed Initial Participating Area for the Dakota Formation in the San Juan 29-6 Unit Area. This Schedule describes the Expanded Participating Area, shows the percentage of unitized substances allocated to each unitized tract, and the percentages of ownership in each tract.

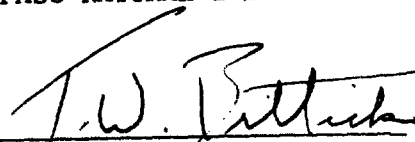
If this Initial Participating Area of the Dakota Formation meets with your approval, please indicate such approval in the space provided below and return an approved copy hereof for our files.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By

A handwritten signature in cursive script, appearing to read "T. W. Bittick", written over a horizontal line.

T. W. Bittick
Assistant Manager
Land Department

TWB:GWO:js

SAN JUAN 29-6 UNIT
Working Interest Owners

American Petrofina Company of Texas
P. O. Box 2159
Dallas 21, Texas

Aztec Oil & Gas Company
Attention: Mr. H. L. Snider, Jr.
920 Mercantile Securities Building
Dallas, Texas

Mr. Tom Bolack
1010 North Dustin Drive
Farmington, New Mexico

Frankfort Oil Company (2)
District Production Office
108 Gulf Building
Midland, Texas

General American Oil Company of Texas
Attention: Mr. James W. Goss, Jr.
Meadows Building
Dallas 6, Texas

Mrs. Veva Jean Gibbard
P. O. Box 436
Sulphur, Oklahoma

Estate of Eula Mae Johnston
First National Bank of Fr. Worth, Trustee
Fort Worth, Texas

Mr. Ralph A. Johnston
410 Pierce Avenue
Houston 3, Texas

Mr. V. A. Johnston
Ralls, Texas

Mr. T. H. McElvain
220 Shelby Street
Santa Fe, New Mexico

Mr. Forrest B. Miller
Mrs. Mabelle M. Miller
220 Shelby Street
Santa Fe, New Mexico

Pan American Petroleum Corporation (12)
Attention: Mr. T. M. Curtis
P. O. Box 480
Farmington, New Mexico

Phillips Petroleum Company
Attention: Mr. R. F. Rood or Mr. V. H. Stone
508 Bank Building
Bartlesville, Oklahoma

Phillips Petroleum Company
Attention: Division Landman
Land & Geological Department
1200 Denver Club Building
Denver 2, Colorado

Rock Island Oil & Refining Co., Inc.
321 West Douglas
Wichita, Kansas

Mr. Orville C. Rogers
2840 West Bay Circle
Dallas 14, Texas

Joseph E. Seagram & Sons, Inc.
P. O. Box 747
1500 Davis Building
Dallas 21, Texas

Southern Petroleum Exploration, Inc.
Attention: Mr. John C. Wright
P. O. Box 192
Sistersville, West Virginia

Southern Union Gas Company
Fidelity Union Tower
1507 Pacific Avenue
Dallas, Texas

Texas National Petroleum Company
410 Pierce Avenue
Houston 3, Texas

Mr. J. Glenn Turner
1900 Mercantile Dallas Building
Dallas, Texas

**United States Smelting, Refining
& Mining Company**
P. O. Box 1877
Wilco Building
Midland, Texas

Western Natural Gas Company
Attention: Mr. K. P. Moore
P. O. Box 1508
Houston, Texas

Union Texas Petroleum Company
Liberty Bank Building
Oklahoma City 2, Oklahoma

APPROVED: _____

Director, United States Geological Survey
Subject to like approval by the
appropriate State officials.

DATE: _____

APPROVED: _____

Commissioner of Public Lands
Subject to like approval by the United
States Geological Survey and the Oil
Conservation Commission.

DATE: _____

APPROVED: _____

A. L. Porter Jr.
Oil Conservation Commission
Subject to like approval by the United
States Geological Survey and the
Commissioner of Public Lands.

DATE: 4-20-62

The foregoing approvals are for the Initial Participating Area
for the Dakota Formation, San Juan 29-6 Unit, #14-08-001-439, Rio Arriba
County, New Mexico.

El Paso Natural Gas Company

El Paso, Texas

April 11, 1962

Oil Conservation Commission
Of the State of New Mexico
P. O. Box 871
Santa Fe, New Mexico

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
APPLICATION FOR APPROVAL OF THE INITIAL
PARTICIPATING AREA FOR THE DAKOTA
FORMATION, Effective October 21, 1960

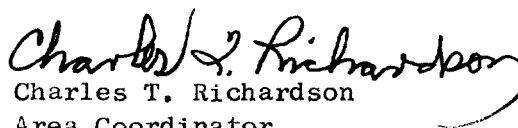
Gentlemen:

Attached are eight (8) copies of the subject Initial Participating Area of the San Juan 29-6 Unit, together with exhibits and geological information.

It is requested, upon your approval, that you kindly sign all copies in the space provided, retaining one (1) copy of same and forward the remaining seven (7) copies to the Commissioner of Public Lands for their approval and execution. Upon the approval by the Commissioner of Public Lands, they are to retain one (1) copy and return the remaining six (6) copies to this office for our further handling in obtaining the approval of the United States Geological Survey.

After we have received fully executed and approved copies of this Initial Participating Area, we will forward one (1) fully executed and approved copy to the Commissioner of Public Lands.

Very truly yours,


Charles T. Richardson
Area Coordinator
Land Department

CTR:AJM:js
Enclosures

cc: Commissioner of Public Lands

El Paso Natural Gas Company

El Paso, Texas

November 13, 1961

Mr. John A. Anderson
Regional Oil and Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico

Commissioner of Public Lands
Of the State of New Mexico
P. O. Box 791
Santa Fe, New Mexico

Oil Conservation Commission
Of the State of New Mexico
P. O. Box 871
Santa Fe, New Mexico

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
THIRTY-SECOND EXPANDED PARTICIPATING
AREA, Mesaverde Formation
Effective November 1, 1961

Gentlemen:

Pursuant to Section 11(a) of the San Juan 29-6 Unit Agreement, #14-08-001-439, approved December 5, 1952, El Paso Natural Gas Company, as Unit Operator, determined on the date set out below that one (1) additional well capable of producing unitized substances in paying quantities from the Mesaverde Formation has been completed upon acreage committed to this unit. This well is as follows:

The San Juan 29-6 Unit #68 Well is located 1170' from the North line and 1090' from the East line of Section 29, Township 29 North, Range 6 West, Rio Arriba County, New Mexico. This well was spudded on September 16, 1961, and completed on September 28, 1961, at a total depth of 5536'. The Mesaverde Formation in the intervals between 4986' - 5000', 5336' - 5344', 5350' - 5358', 5382' - 5390', 5396' - 5404', 5470' - 5478', was treated with a water fracturing process on September 27, 1961. The well was shut-in on September 28, 1961, and after being shut-in for Twenty (20) days, the well was tested on October 18, 1961, and following a three (3) hour blow-down period the Mesaverde Formation gauged 3911 MCFGPD through a 3/4" choke, and 6191 MCFGPD by the calculated absolute open-flow method, with an SIPC of 1112 PSIA and an SIPT of 1109 PSIA. The committed drilling block upon which this well is located is described as the E/2 of Section 29, Township 29 North, Range 6 West, N.M.P.M., containing 320.00 acres.

The foregoing drilling block is being included in the San Juan 29-6 Unit Thirty-Second Expanded Participating Area of the Mesaverde Formation, effective November 1, 1961.

The completion of the San Juan 29-6 Unit #68 Well creates one intervening drilling block in the Mesaverde Formation described as the W/2 of Section 29, Township 29 North, Range 6 West, N.M.P.M. Under the terms of the San Juan 29-6 Unit Agreement, this drilling block is admitted to the Mesaverde Participating Area effective November 1, 1961, and a well must be commenced on said drilling block by November 1, 1962.


Attached is Schedule XXXIII showing the Thirty-Second Expanded Participating Area for the Mesaverde Formation of the San Juan 29-6 Unit Area. This describes the Expanded 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 disapproval, this Thirty-Second Expanded Participating Area will become effective as of November 1, 1961.

Copies of this letter and schedule are being sent to the working interest owners as shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By


T. W. Bittick
Assistant Manager
Land Department

TWB:GWO:js

SAN JUAN 29-6 UNIT
Working Interest Owners

American Petrofina Company of Texas
P. O. Box 2159
Dallas 21, Texas

Aztec Oil & Gas Company
Attention: Mr. H. L. Snider, Jr.
920 Mercantile Securities Building
Dallas, Texas

Mr. Tom Bolack
1010 North Dustin Drive
Farmington, New Mexico

Frankfort Oil Company
District Production Office
108 Gulf Building
Midland, Texas

General American Oil Company of Texas
Attention: Mr. James W. Goss, Jr.
Meadows Building
Dallas 6, Texas

Mrs. Veva Jean Gibbard
P. O. Box 436
Sulphur, Oklahoma

Estate of Eula Mae Johnston
First National Bank of Ft. Worth, Trustee
Fort Worth, Texas

Mr. Ralph A. Johnston
1010 South Coast Building
Houston 2, Texas

Mr. V. A. Johnston
Ralls, Texas

Mr. T. H. McElvain
220 Shelby Street
Santa Fe, New Mexico

Mr. Forrest B. Miller & Mabelle M. Miller
220 Shelby Street
Santa Fe, New Mexico

Pan American Petroleum Corporation
Attention: Mr. T. M. Curtis
P. O. Box 480
Farmington, New Mexico

Phillips Petroleum Company
Attention: Division Landman
Land & Geological Department
1200 Denver Club Building
Denver 2, Colorado

Phillips Petroleum Company
Attention: Mr. R. F. Rood or V. H. Stone
508 Bank Building
Bartlesville, Oklahoma

Rock Island Oil & Refining Company
321 West Douglas
Wichita, Kansas

Mr. Orville C. Rogers
2840 West Bay Circle
Dallas 14, Texas

Joseph E. Seagram & Sons, Inc.
P. O. Box 747
1500 Davis Building
Dallas 21, Texas

Southern Petroleum Exploration, Inc.
Attention: Mr. Paul W. Neuenschwander
P. O. Box 192
Sistersville, West Virginia

Southern Union Gas Company
Fidelity Union Tower
1507 Pacific Avenue
Dallas, Texas

Texas National Petroleum Company
902 South Coast Building
Houston 2, Texas

Mr. J. Glenn Turner
1900 Mercantile Dallas Building
Dallas 1, Texas

United States Smelting, Refining
& Mining Company
P. O. Box 1877
Wilco Building
Midland, Texas

Western Natural Gas Company
Attention: Mr. K. P. Moore
P. O. Box 1508
Houston, Texas

Union Texas Natural Gas Corporation
A-P Division
Liberty Bank Building
Oklahoma City 2, Oklahoma

El Paso Natural Gas Company

El Paso, Texas

August 17, 1961

Mr. John A. Anderson
Regional Oil and Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico

Commissioner of Public Lands
Of the State of New Mexico
P. O. Box 791
Santa Fe, New Mexico

Oil Conservation Commission
Of the State of New Mexico
P. O. Box 871
Santa Fe, New Mexico

Re: Revised Exhibit "B"
San Juan 29-6 Unit

Gentlemen:

You will find enclosed herewith for your information and files the revised Exhibit "B" for the San Juan 29-6 Unit. The enclosed Exhibit "B" has an effective date of July 1, 1961.

A copy of this letter is being sent to the working interest owners shown on the attached sheet.

Very truly yours,



Charles Higgins
Area Coordinator
Land Department

CH:GWO:js
Enclosures

SAN JUAN 29-6 UNIT
Working Interest Owners

American Petrofina Company of Texas
P. O. Box 2159
Dallas 21, Texas

Aztec Oil & Gas Company
Attention: Mr. H. L. Snider, Jr.
920 Mercantile Securities Building
Dallas, Texas

Mr. Tom Bolack
1010 North Dustin Drive
Farmington, New Mexico

Frankfort Oil Company
District Production Office
108 Gulf Building
Midland, Texas

General American Oil Company of Texas
Attention: Mr. James W. Goss, Jr.
Meadows Building
Dallas 6, Texas

Mrs. Veva Jean Gibbard
P. O. Box 436
Sulphur, Oklahoma

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First National Bank of Ft Worth, Trustee
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Mr. Ralph A. Johnston
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Attention: Mr. L. O. Speer, Jr.
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Phillips Petroleum Company
Attention: Mr. R. F. Rood or V. H. Stone
508 Bank Building
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Phillips Petroleum Company
Attention: Division Landman
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321 West Douglas
Wichita, Kansas

Mr. Orville C. Rogers
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1900 Mercantile Dallas Building
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United States Smelting, Refining
& Mining Company
P. O. Box 1877
Wilco Building
Midland, Texas

Western Natural Gas Company
Attention: Mr. K. P. Moore
P. O. Box 1508
Houston, Texas

Union Texas Natural Gas Corporation
A-P Division
Liberty Bank Building
Oklahoma City 2, Oklahoma

El Paso Natural Gas Company

El Paso, Texas

July 14, 1961

Mr. John A. Anderson
Regional Oil and Gas Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico

Commissioner of Public Lands
Of the State of New Mexico
Post Office Box 791
Santa Fe, New Mexico

Oil Conservation Commission
State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
NOTICE OF COMPLETION OF ADDITIONAL
WELLS AND THIRTY-FIRST EXPANDED
PARTICIPATING AREA, Mesaverde Formation
Effective July 1, 1961

Gentlemen:

Pursuant to Section 11(a) of the San Juan 29-6 Unit Agreement, #14-08-001-439, approved December 5, 1952, El Paso Natural Gas Company, as Unit Operator, determined on the dates set out below that three (3) additional wells capable of producing unitized substances in paying quantities from the Mesaverde Formation have been completed upon acreage committed to this unit. These wells are as follows:

1. The San Juan 29-6 Unit #36 Well is located 1650' from the North line and 990' from the East line of Section 15, Township 29 North, Range 6 West, Rio Arriba County, New Mexico. This well was spudded on March 2, 1961, and completed on April 25, 1961, at a total depth of 6030'. The Point Lookout Section of the Mesaverde Formation in the intervals between 5502' - 5512', 5516' - 5520', 5526' - 5530', 5890' - 5894', 5900' - 5904', 5908' - 5912', 5938' - 5956' was treated with a sand-water fracturing process on April 20, 1961. The well was shut-in on April 25, 1961, and after being shut-in for thirty-eight (38) days, the well was tested on June 2, 1961, and following a three (3) hour blow-down

period the Mesaverde Formation gauged 2370 MCFGPD through a 3/4" choke, and 2496 MCFGPD by the calculated absolute open-flow method, with an SIPC of 1093#. The committed drilling block upon which this well is located is described as the E/2 of Section 15, Township 29 North, Range 6 West, N.M.P.M., containing 320.00 acres.

The foregoing drilling block was included in the San Juan 29-6 Unit Thirtieth Expanded Participating Area of the Mesaverde Formation, effective December 1, 1960, as an intervening drilling block.

2. The San Juan 29-6 Unit #31 Well is located 890' from the South line and 1100' from the West line of Section 10, Township 29 North, Range 6 West, Rio Arriba County, New Mexico. This well was spudded on April 4, 1961, and completed on May 2, 1961, at a total depth of 5815' in the Mesaverde Formation. The Mesaverde Formation in the intervals between 5292' - 5304', 5316' - 5326', 5616' - 5624', 5704' - 5712', 5716' - 5726', 5732' - 5742' was treated with a sand-water fracturing process on April 26, 1961. The well was shut-in on May 2, 1961, and after being shut-in for thirty-five (35) days, the Mesaverde Formation was tested on June 6, 1961, and following a three (3) hour blow-down period the Mesaverde Formation gauged 1746 MCFGPD through a 3/4" choke, and 1797 MCFGPD by the calculated absolute open-flow method, with an SIPC of 1055#. The committed drilling block upon which this well is located is described as the W/2 of Section 10, Township 29 North, Range 6 West, N.M.P.M., containing 320.00 acres.

The foregoing drilling block was included in the San Juan 29-6 Unit Thirtieth Expanded Participating Area of the Mesaverde Formation, effective December 1, 1960, as an intervening drilling block.

3. The San Juan 29-6 Unit #66 Well is located 1450' from the South line and 1850' from the West line of Section 9, Township 29 North, Range 6 West, Rio Arriba County, New Mexico. This well was spudded on March 15, 1961, and completed on May 2, 1961, at a total depth of 6010' in the Mesaverde Formation. The Mesaverde Formation in the intervals between 5508' - 5516', 5842' - 5850', 5870' - 5876', 5900' - 5906', 5912' - 5932', 5940' - 5950' was treated with a sand-water fracturing process on April 26, 1961. The well was shut-in on May 2, 1961. After being shut-in for thirty-one (31) days, the Mesaverde Formation was tested on June 2, 1961, and following a three (3) hour blow-down period the Mesaverde Formation gauged 2829 MCFGPD through a 3/4" choke and 3,062 MCFGPD by the calculated absolute open-flow method, with an SIPC of 1061#. The committed drilling block upon which this well is located is described as the W/2 of Section 9, Township 29 North, Range 6 West, N.M.P.M., containing 320.00 acres.

The foregoing drilling block was included in the San Juan 29-6 Unit Twenty-Ninth Participating Area for the Mesaverde Formation, effective September 1, 1960, as an intervening drilling block.


The completion of the San Juan 29-6 Unit #36 Well creates one intervening drilling block in the Mesaverde Formation described as the E/2 of Section 10, Township 29 North, Range 6 West, N.M.P.M., and the completion of the San Juan 29-6 Unit #66 Well creates one (1) intervening drilling block in the Mesaverde Formation described as the W/2 of Section 16, Township 29 North, Range 6 West, N.M.P.M. Under the terms of the San Juan 29-6 Unit Agreement, these drilling blocks are admitted to the Mesaverde Participating Area effective July 1, 1961, and a well must be commenced on each of said drilling blocks by July 1, 1962.

Attached is Schedule XXXII showing the Thirty-First Expanded Participating Area for the Mesaverde Formation of the San Juan 29-6 Unit Area. This describes the Expanded 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 disapproval, this Thirty-First Expanded Participating Area will become effective as of July 1, 1961.

Copies of this letter and schedule are being sent to the working interest owners as shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By 
T. W. Bittick
Assistant Manager
Land Department

TWB:GWO:cah

SAN JUAN 29-6 UNIT
Working Interest Owners

American Petrofina Company of Texas
Post Office Box 2159
Dallas 21, Texas

Aztec Oil & Gas Company
Attention: Mr. H. L. Snider, Jr.
920 Mercantile Securities Building
Dallas, Texas

Mr. Tom Bolack
1010 North Dustin Drive
Farmington, New Mexico

Frankfort Oil Company
District Production Office
108 Gulf Building
Midland, Texas

General American Oil Company of Texas
Attention: Mr. James W. Goss, Jr.
Meadows Building
Dallas 6, Texas

Mrs. Veva Jean Gibbard
P.O. Box 436
Sulphur, Oklahoma

Estate of Eula Mae Johnston
First National Bank of Ft. Worth, Trustee
Fort Worth, Texas

Mr. Ralph A. Johnston
1010 South Coast Building
Houston 2, Texas

Mr. V. A. Johnston
Ralls, Texas

Mr. T. H. McElvain
220 Shelby St.
Santa Fe, New Mexico

Mr. Forrest B. Miller
Mrs. Mabelle M. Miller
220 Shelby St.
Santa Fe, New Mexico

Pan American Petroleum Corporation (12)
Attention: Mr. L. O. Speer, Jr.
P.O. Box 480
Farmington, New Mexico

Phillips Petroleum Company
Attention: Division Landman
Land & Geological Department
1200 Denver Club Building
Denver 2, Colorado

Phillips Petroleum Company
Attention: Mr. R.F. Rood or R.A. Brown
508 Bank Building
Bartlesville, Oklahoma

Rock Island Oil & Refining Company
321 West Douglas
Wichita, Kansas

Mr. Orville C. Rogers
2840 West Bay Circle
Dallas 14, Texas

Joseph E. Seagram & Sons, Inc.
P.O. Box 747
1500 Davis Building
Dallas 21, Texas

Southern Petroleum Exploration, Inc.
Attention: Mr. Paul W. Neuenschwander
P.O. Box 192
Sistersville, West Virginia

Southern Union Gas Company
Fidelity Union Tower
Dallas, Texas

Texas National Petroleum Company
902 South Coast Building
Houston 2, Texas

Mr. J. Glenn Turner
1900 Mercantile Dallas Building
Dallas 1, Texas

United States Smelting, Refining &
Mining Company
P.O. Box 1877
Wilco Building
Midland, Texas

Western Natural Gas Company
Attention: Mr. K. P. Moore
P.O. Box 1508
Houston, Texas

Union Texas Natural Gas Corporation
AP Division
Liberty Bank Building
Oklahoma City 2, Oklahoma

El Paso Natural Gas Company

El Paso, Texas

June 9, 1961

Commissioner of Public Lands
Of the State of New Mexico
P. O. Box 791
Santa Fe, New Mexico

Oil Conservation Commission
Of the State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico


Re: San Juan 29-6 Unit, #14-08-001-439
Rio Arriba County, New Mexico

Gentlemen:

This letter is to inform you that the Regional Oil and Gas Supervisor, by letter dated June 5, 1961, concurred with El Paso Natural Gas Company's determination that the Dakota Formation of the San Juan 29-6 Unit Well #33-13, located in the NE/4 of Section 13, Township 29 North, Range 6 West, N.M.P.M., is incapable of producing unitized substances in paying quantities from the Dakota Formation.

A copy of this letter is being sent to the working interest owners in the San Juan 29-6 Unit. .

Very truly yours,


Charles Higgins
Area Coordinator
Land Department

CH:GWO:js
Attachment

SJ 29-6, 4.3

El Paso Natural Gas Company

El Paso, Texas

May 10, 1961

Mr. John A. Anderson
Regional Oil and Gas Supervisor
United States Geological Survey
Post Office Drawer 1857
Roswell, New Mexico

Re: San Juan 29-6 Unit #14-08-001-493
Rio Arriba County, New Mexico
NOTICE OF COMPLETION OF
NON-COMMERCIAL WELL IN THE
DAKOTA FORMATION

Dear Mr. Anderson:

Pursuant to the provisions of Section 11(b) of the San Juan 29-6 Unit Agreement, approved December 5, 1952, El Paso Natural Gas Company, as Successor Unit Operator to Pacific Northwest Pipeline Corporation, has determined that the following described well is not capable of producing unitized substances in paying quantities from the Dakota Formation:

The San Juan 29-6 Unit #33-13 Well, located 800' from the North line and 1145' from the East line of Section 13, Township 29 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on July 27, 1959, and completed on September 14, 1959, at a total depth of 8093' in the Mesa-verde and Dakota Formations. The lower Dakota Formation in the intervals between 7918' - 7948' was treated with a sand-water fracturing process on September 2, 1959. The upper Dakota Formation in the intervals between 7844' - 7852' was treated with a sand-water fracturing process on September 4, 1959. The Dakota Formation was shut-in for gauge on September 14, 1959, and after being shut-in for seven (7) days, the Dakota Formation was tested on September 21, 1959, and following a three (3) hour blow-down period gauged 2,934 MCFGPD through a 3/4" choke, and 3,052 MCFGPD by the calculated absolute open-flow method, with an SIPT of 2300#.

The San Juan 29-6 Unit #33-13 (MD) Well was also completed in the Mesaverde Formation and pursuant to Section 11(a) of the San Juan 29-6 Unit Agreement, a Notice of Completion of an Additional Well was sent by separate letter.

If this determination meets with your approval, please indicate such approval in the space provided and return an approved copy hereof for our files.

Copies of this letter are being sent to the Commissioner of Public Lands and the Oil Conservation Commission of the State of New Mexico, and the Working Interest Owners shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By



Sam Smith, Manager
Land Department

SS:GWO:cah

APPROVED: _____ DATE: _____
Supervisor, United States Geological Survey

SAN JUAN 29-6 UNIT

Working Interest Owners

American Petrofina Company of Texas
Post Office Box 2159
Dallas 21, Texas

Anderson-Prichard Oil Corporation
Attention: Mr. R. W. Brauchli
Liberty Bank Building
Oklahoma City, Oklahoma

Aztec Oil & Gas Company
Attention: Mr. H. L. Snider, Jr.
920 Mercantile Securities Building
Dallas, Texas

Mr. Tom Bolack
1010 North Dustin Drive
Farmington, New Mexico

General American Oil Company of Texas
Attention: Mr. James W. Goss, Jr.
Meadows Building
Dallas 6, Texas

Mrs. Veva Jean Gibbard
P.O. Box 436
Sulphur, Oklahoma

Estate of Eula May Johnston
First National Bank of
Fort Worth, Trustee
Fort Worth, Texas

Mr. Ralph A. Johnston
1010 South Coast Building
Houston 2, Texas

Mr. V. A. Johnston
Post Office Box 336
Ralls, Texas

Mr. T. H. McElvain
220 Shelby Street
Santa Fe, New Mexico

Mr. Forrest B. Miller
Mrs. Mabelle M. Miller
220 Shelby Street
Santa Fe, New Mexico

Pan American Petroleum Corporation (12)
Attention: Mr. L. O. Speer, Jr.
P.O. Box 480
Farmington, New Mexico

Phillips Petroleum Company
Attention: Division Landman
1200 Denver Club Building
Denver 2, Colorado

Phillips Petroleum Company
Attention: Mr. R.F. Rood or R.A. Brown
508 Bank Building
Bartlesville, Oklahoma

Rock Island Oil & Refining Company
321 West Douglas
Wichita, Kansas

Mr. Orville C. Rogers
2840 West Bay Circle
Dallas 14, Texas

Southern Petroleum Exploration, Inc.
Attention: Mr. Paul W. Neuenschwander
P.O. Box 192
Sistersville, West Virginia

Southern Union Gas Company
Fidelity Union Tower
1507 Pacific Avenue
Dallas, Texas

Texas National Petroleum Company
902 South Coast Building
Houston 2, Texas

Mr. J. Glenn Turner
1900 Mercantile Dallas Building
Dallas 1, Texas

United States Smelting, Refining & Mining Co.
P.O. Box 1877
Wilco Building
Midland, Texas

Western Natural Gas Company
Attention: Mr. K. P. Moore
P.O. Box 1508
Houston, Texas

El Paso Natural Gas Company

El Paso, Texas

December 8, 1960

Mr. John A. Anderson
Regional Oil and Gas Supervisor
United States Geological Survey
Post Office Box 6721
Roswell, New Mexico

Commissioner of Public Lands
Of the State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Oil Conservation Commission
Of the State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Re: San Juan 29-6 Unit, #14-08-001-439
Rio Arriba County, New Mexico
**THIRTIETH EXPANDED PARTICIPATING
AREA, Mesaverde Formation,
Effective December 1, 1960**

Gentlemen:

Pursuant to Section 11(a) of the San Juan 29-6 Unit Agreement, #14-08-001-439, approved December 5, 1952, El Paso Natural Gas Company, as Unit Operator, determined on the date set out below that one (1) additional well capable of producing unitized substances in paying quantities from the Mesaverde Formation has been completed upon acreage committed to the unit. This well is as follows:

The San Juan 29-6 Unit #35 (MD) Well is located 890' from the South line and 1090' from the West line of Section 15, Township 29 North, Range 6 West, Rio Arriba County, New Mexico. This well was spudded on August 20, 1960, and completed on October 7, 1960, at a total depth of 7862' in the Mesaverde and Dakota Formations. The Cliff House and Point Lookout Sections of the Mesaverde Formation at intervals between 5180' - 5192', 5208' - 5218', 5564' - 5570', 5582' - 5590', 5594' - 5604', 5622' - 5630', 5656' - 5662 were treated with a sand-water fracturing process on October 2, 1960. The Mesaverde Formation was re-shut-in on October 28, 1960 and after being shut-in for eight (8) days, the Mesaverde formation was tested on November 5, 1960 and following a three (3) hour blow-down period the Mesaverde Formation gauged 4608 MCFGPD through a 3/4" choke and 10,009 MCFGPD by the calculated absolute open-flow method with an SIPC of 1088# and an SIPT of 1091#. The committed drilling block upon which this well is located is described as the W/2 of Section 15, Township 29 North, Range 6 West, N.M.P.M., containing 320.00 acres.

This drilling block is included in the San Juan 29-6 Unit Thirtieth Expanded Participating Area of the Mesaverde Formation, effective December 1, 1960, as an intervening drilling block.

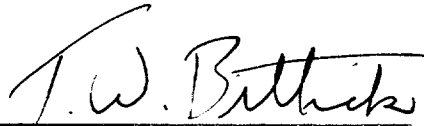
The completion of the San Juan 29-6 Unit #35 (MD) Well creates two intervening drilling blocks in the Mesaverde Formation described as the W/2 of Section 10, Township 29 North, Range 6 West, N.M.P.M., containing 320.00 acres and the E/2 of Section 15, Township 29 North, Range 6 West, N.M.P.M., containing 320.00 acres. Under the terms of the Unit Agreement, these two drilling blocks are admitted to the Mesaverde Participating Area, effective December 1, 1960 and a well must be commenced on each of the said drilling blocks by December 1, 1961.

Pursuant to Section 11(b) of the San Juan 29-6 Unit Agreement #14-08-001-439 the Dakota Formation in which the San Juan 29-6 #39 Well was also completed will be expanded to include the lands that have been proven productive by said well.

Attached is Schedule XXXI showing the Thirtieth Expanded Participating Area for the Mesaverde Formation of the San Juan 29-6 Unit Area. This describes the Expanded 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 disapproval, this Thirtieth Expanded Participating Area will become effective as of December 1, 1960.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By 

T. W. Bittick
Assistant Manager
Land Department

TWB:GWO:js

cc: Attached List

SAN JUAN 29-6 UNIT
Working Interest Owners

Phillips Petroleum Company
508 Bank Building
Bartlesville, Oklahoma
Attention: Mr. R. F. Rood or
Mr. R. A. Brown

General American Oil Company of Texas
Meadows Building
Dallas 6, Texas
Attention: Mr. William P. Barnes

United States Smelting, Refining
& Mining Company
900 Wilcox Building, P. O. Box 1877
Midland, Texas

Mr. V. A. Johnston
Ralls, Texas

Texas National Petroleum Company
902 South Coast Building
Houston 2, Texas

Mr. Tom Bolack
1010 North Dustin
Farmington, New Mexico

Southern Petroleum Exploration, Inc.
Post Office Box 192
Sistersville, West Virginia
Attention: Mr. Paul W. Neuenschwander

Aztec Oil & Gas Company
920 Mercantile Securities Building
Dallas, Texas
Attention: Mr. H. L. Snider, Jr.

Rock Island Oil & Refining Company
321 West Douglas
Wichita, Kansas

Western Natural Gas Company
Post Office Box 1508
Houston, Texas
Attention: Mr. K. P. Moore

American Petrofina Company of Texas
Post Office Box 2159
Dallas 21, Texas

Pan American Petroleum Corporation
Post Office Box 480
Farmington, New Mexico
Attention: Mr. L. O. Speer, Jr.

Southern Union Gas Company
Fidelity Union Tower Building
1507 Pacific Avenue
Dallas, Texas

Mr. Ralph A. Johnston
1010 South Coast Building
Houston 2, Texas

Mrs. Willie Johnston
311 Grandview Avenue
Clarksville, Arkansas

Mr. T. H. McElvain
220 Shelby Street
Santa Fe, New Mexico

First National Bank of Fort Worth
Trustee for Eula Mae Johnston
Fort Worth, Texas

Anderson-Prichard Oil Corporation
Liberty Bank Building
Oklahoma City, Oklahoma
Attention: Mr. R. W. Brauchli

Mr. Orville C. Rogers
2840 West Bay Circle
Dallas 14, Texas

Mrs. Veva Jean Gibbard
Post Office Box 436
Sulphur, Oklahoma

El Paso Natural Gas Company

El Paso, Texas

October 13, 1960

Mr. John A. Anderson
Regional Oil and Gas Supervisor
United States Geological Survey
Post Office Box 6721
Roswell, New Mexico

Commissioner of Public Lands
Of the State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Oil Conservation Commission
Of the State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Re: San Juan 29-6 Unit, #14-08-001-439
Rio Arriba County, New Mexico
NOTICE OF COMPLETION OF ADDITIONAL
WELL AND TWENTY-NINTH EXPANDED
PARTICIPATING AREA
Mesaverde Formation
Effective September 1, 1960

Gentlemen:

Pursuant to Section 11(a) of the San Juan 29-6 Unit Agreement, #14-08-001-439, approved December 5, 1952, El Paso Natural Gas Company, as Unit Operator, determined on the date set out below that one (1) additional well capable of producing unitized substances in paying quantities from the Mesaverde Formation has been completed upon acreage committed to the unit. This well is as follows:

The San Juan 29-6 Unit #64-9 Well is located 1450' from the North line and 2250' from the East line of Section 9, Township 29 North, Range 6 West, Rio Arriba County, New Mexico. This well was spudded on June 29, 1960, and completed on July 15, 1960, at a total depth of 5825'. The Cliff House, and Point Lookout Sections of the Mesaverde Formation at intervals between 5252' - 5256', 5260' - 5270', 5274' - 5278', 5576' - 5586', 5660' - 5670', 5680' - 5692', 5708' - 5716' were treated with a sand-water fracturing process on July 15, 1960. The well was shut-in on July 28, 1960 and after being shut-in for thirty-three (33) days, the well was tested on August 30, 1960 and following a three (3) hour blow-down period the Mesaverde Formation gauged 5474 MCFGPD through a 3/4" choke, and 7639 MCFGPD by the calculated absolute open-flow method, with an SIPC of 1072#. The committed drilling block upon which this well is located is described as the E/2 of Section 9, Township 29 North, Range 6 West, N.M.P.M., containing 320.00 acres.

This drilling block was included in the San Juan 29-6 Unit Twenty-Eighth Expanded Participating Area of the Mesaverde Formation, effective December 1, 1959, as an intervening drilling block.

The completion of the San Juan 29-6 Unit #64-9 creates one intervening drilling block in the Mesaverde Formation described as the W/2 of Section 9, Township 29 North, Range 6 West, N.M.P.M. under the terms of the Unit Agreement. This drilling block is admitted to the Mesaverde Participating Area effective September 1, 1960 and a well must be commenced on said intervening drilling block by September 1, 1961.

Attached is Schedule XXX showing the Twenty-Ninth Expanded Participating Area for the Mesaverde Formation of the San Juan 29-6 Unit Area. This describes the Expanded 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 disapproval, this Twenty-Ninth Expanded Participating Area will become effective as of September 1, 1960.

Copies of this letter and schedule are being sent to the working interest owners as shown on the attached list.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By 

T. W. Bittick
Assistant Manager
Land Department

TWB:GWO:js

cc: Attached list

SAN JUAN 29-6 UNIT
Working Interest Owners

Phillips Petroleum Company
508 Bank Building
Bartlesville, Oklahoma
Attention: Mr. R. F. Rood or
Mr. R. A. Brown

General American Oil Company of Texas
Meadows Building
Dallas 6, Texas
Attention: Mr. William P. Barnes

United States Smelting, Refining
& Mining Company
900 Patterson Building
Denver, Colorado

Mr. V. A. Johnston
Ralls, Texas

Texas National Petroleum Company
902 South Coast Building
Houston 2, Texas

Mr. Tom Bolack
1010 North Dustin
Farmington, New Mexico

Southern Petroleum Exploration, Inc.
Post Office Box 192
Sistersville, West Virginia
Attention: Mr. Paul W. Neuenschwander

Aztec Oil & Gas Company
920 Mercantile Securities Building
Dallas, Texas
Attention: Mr. H. L. Snider, Jr.

Rock Island Oil & Refining Company
321 West Douglas
Wichita, Kansas

Western Natural Gas Company
Post Office Box 1508
Houston, Texas
Attention: Mr. K. P. Moore

American Petrofina Company of Texas
Post Office Box 2159
Dallas 21, Texas

Mr. L. O. Speer, Jr. (12)
Pan American Petroleum Corporation
Post Office Box 480
Farmington, New Mexico

Southern Union Gas Company
Fidelity Union Tower Building
1507 Pacific Avenue
Dallas, Texas

Mr. Ralph A. Johnston
1010 South Coast Building
Houston 2, Texas

Mrs. Willie Johnston
311 Grandview Avenue
Clarksville, Arkansas

Mr. T. H. McElvain
220 Shelby Street
Santa Fe, New Mexico

First National Bank of Fort Worth
Trustee for Eula Mae Johnston
Fort Worth, Texas

Anderson-Prichard Oil Corporation
Liberty Bank Building
Oklahoma City, Oklahoma
Attention: Mr. R. W. Brauchli

Mr. Orville C. Rogers
2840 West Bay Circle
Dallas 14, Texas

Mrs. Veva Jean Gibbard
Post Office Box 436
Sulphur, Oklahoma

El Paso Natural Gas Company

MAIL OFFICE OCC

El Paso, Texas

1960 AUG 18 AM 8 39

August 18, 1960

Mr. John A. Anderson
Regional Oil and Gas Supervisor
United States Geological Survey
Post Office Box 6721
Roswell, New Mexico

Commissioner of Public Lands
Of the State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Oil Conservation Commission
Of the State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Re: San Juan 29-6 Unit, #14-08-001-439
Rio Arriba County, New Mexico
NOTICE OF COMPLETION OF ADDITIONAL
WELL for the Mesaverde Formation

Gentlemen:

Pursuant to Section 11(a) of the San Juan 29-6 Unit Agreement, Number 14-08-001-439, approved December 5, 1952, El Paso Natural Gas Company, as Unit Operator, determined on July 7, 1960, that one (1) additional well capable of producing unitized substances in paying quantities from the Mesaverde Formation has been completed upon acreage committed to the unit. This well is as follows:

The San Juan 29-6 Unit #65-19 Well is located 990' from the North line and 940' from the East line of Section 19, Township 29 North, Range 6 West, Rio Arriba County, New Mexico. This well was spudded on June 12, 1960, and completed on June 27, 1960, at a total depth of 5687'. The Cliff House, and Point Lookout Sections of the Mesaverde Formation at intervals between 5118' - 5136', 5504' - 5510', 5530' - 5538', 5544' - 5556', 5566' - 5572', 5584' - 5590' were treated with a sand-water fracturing process on June 25, 1960. The well was shut-in on June 27, 1960 and after being shut-in for ten (10) days, the well was tested on July 7, 1960 and following a three (3) hour blow-down period the Mesaverde Formation gauged 4432 MCFGPD through a 3/4" choke, and 11,335 MCFGPD by the calculated absolute open-flow method, with an SIPC of 1035#,

and an SIPT of 1022#. The committed drilling block upon which this well is located is described as the E/2 of Section 19, Township 29 North, Range 6 West, N.M.P.M., containing 320.00 acres.

This drilling block was included in the San Juan 29-6 Unit Twenty-Seventh Expanded Participating Area of the Mesaverde Formation, effective October 1, 1959, as an intervening drilling block. Therefore, the participating area is not enlarged.

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

Very truly yours,

EL PASO NATURAL GAS COMPANY

By *Charles Higgins*
Charles Higgins
Area Coordinator
Land Department

CH:GWO:js

cc: Attached list

San Juan 29-6 Unit
Working Interest Owners

Phillips Petroleum Company
508 Bank Building
Bartlesville, Oklahoma
Attention: Mr. R. F. Rood or
Mr. R. A. Brown

General American Oil Company of Texas
Meadows Building
Dallas 6, Texas
Attention: Mr. W. P. Barnes

Southern Union Gas Company
1507 Pacific Avenue
Dallas, Texas
Attention: Mr. D. W. Whitlow

Texas National Petroleum Company
902 South Coast Building
Houston 2, Texas

Mr. Tom Bolack
1010 N. Dustin
Farmington, New Mexico

Mr. T. H. McElvain
220 Shelby Street
Santa Fe, New Mexico

Southern Petroleum Exploration, Inc.
Post Office Box 192
Sistersville, West Virginia
Attention: Mr. Paul W. Neuenschwander

Aztec Oil and Gas Company
920 Mercantile Securities Building
Dallas, Texas

Rock Island Oil and Refining Company
321 West Douglas
Wichita, Kansas

Mr. K. P. Moore
Western Natural Gas Company
P. O. Box 1508
Houston 1, Texas

American Petrofina Company of Texas
Post Office Box 2159
Dallas 21, Texas

Mr. L. O. Speer, Jr.
Pan American Petroleum Corp. (12)
P. O. Box 480
Farmington, New Mexico

United States Smelting Refining &
Mining Company
900 Patterson Building
Denver, Colorado

Mr. V. A. Johnston
Ralls, Texas

Mr. Ralph A. Johnston
1010 South Coast Building
Houston 2, Texas

Mrs. Willie Johnston
311 Grandview Avenue
Clarksville, Arkansas

First National Bank of Fort Worth
Trustee for Eula Mae Johnston
Fort Worth, Texas

Anderson-Prichard Oil Corp.
Liberty Bank Building
Oklahoma City, Oklahoma
Attention: Mr. R. W. Brauchli

Mr. Orville C. Rogers
3835 Beechwood Lane
Dallas, Texas

Mrs. Veva Jean Gibbard
1229 W. Tishomingo
Sulphur, Oklahoma

El Paso Natural Gas Company

El Paso, Texas

April 30, 1960

Cover 24/1

Commissioner of Public Lands
Of the State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Oil Conservation Commission
Of the State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Re: San Juan 29-6 Unit #14-08-001-493
Rio Arriba County, New Mexico

Gentlemen:

This is to inform you that on April 25, 1960, Mr. John A. Anderson, Regional Oil and Gas Supervisor of the United States Geological Survey approved El Paso Natural Gas Company's determination that the Dakota Formation of the San Juan 29-6 Unit #47-28 Well was not capable of producing unitized substances in paying quantities.

A copy of this letter is being sent to the Working Interest Owners of the San Juan 29-6 Unit.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By Charles Higgins
Charles Higgins
Area Landman
Land Department

CH:GWO:cah

P. O. Box 6721
Roswell, New Mexico

April 25, 1960

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas

Attention: Mr. Sam Smith

Gentlemen:

Your determination dated April 11 of the completion of San Juan 29-6 unit well No. 47-28 as a noncommercial well in the Dakota formation has been approved on this date.

One approved copy of the determination is enclosed.

Very truly yours,

JOHN A. ANDERSON
Regional Oil and Gas Supervisor

Enclosure

Copy to: Comm. Pub. Lands ltr only
Oil Cons. Comm. ltr only ✓
Washington w/cy approved determination
Farmington " "

El Paso Natural Gas Company

El Paso, Texas

April 11, 1960

1468
Case

Mr. John A. Anderson
Regional Oil and Gas Supervisor
United States Geological Survey
Post Office Box 6721
Roswell, New Mexico

Re: San Juan 29-6 Unit #14-08-001-493
Rio Arriba County, New Mexico
NOTICE OF COMPLETION OF NON-COMMERCIAL
WELL IN THE DAKOTA FORMATION

Gentlemen:

Pursuant to the provisions of Section 11(b) of the San Juan 29-6 Unit Agreement, approved December 5, 1952, El Paso Natural Gas Company, as Successor Unit Operator to Pacific Northwest Pipeline Corporation, has determined that the following described well is not capable of producing unitized substances in paying quantities from the Dakota Formation:

The San Juan 29-6 Unit #47-28 Well, located 990' from the North line and 1650' from the East line of Section 28, Township 29 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on March 23, 1959, and dually completed on June 30, 1959, at a total depth of 7894' in the Mesaverde and Dakota Formations. The lower Dakota Formation in intervals between 7694' - 7700', 7712' - 7730', 7738' - 7755' and 7762' - 7766' was treated with a sand-water fracturing process on June 7, 1959. The upper Dakota Formation in the intervals between 7622' - 7639' and 7663' - 7676' was treated with a sand-water fracturing process on June 8, 1959. After being shut-in for twenty-one (21) days, the Dakota Formation was tested on July 21, 1959, and following a three (3) hour blow-down period gauged 1,351 MCFGPD through a 3/4" choke, and 1,361 MCFGPD by the calculated absolute open-flow method, with an SIPC of 2326#.

Pursuant to Section 11(a) of the San Juan 29-6 Unit Agreement, the Mesaverde Drilling Block in which the San Juan 29-6 Unit #47-28 Well was also completed was included as an intervening drilling block in the Mesaverde Participating Area effective May 1, 1958. A Notice of Completion of Additional Well was sent by separate letter.

If this determination meets with your approval, please indicate such approval in the space provided and return an approved copy hereof for our files.

Copies of this letter are being sent to the Commissioner of Public Lands and the Oil Conservation Commission of the State of New Mexico and the Working Interest Owners shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

BY 
Sam Smith, Manager
Land Department

APPROVED: _____
United States Geological Survey

DATE: _____

WORKING INTEREST OWNERS
SAN JUAN 29-6 UNIT

Phillips Petroleum Company
508 Bank Building
Bartlesville, Oklahoma
Attention: Mr. R. F. Rood or
Mr. R. A. Brown

General American Oil Company of Texas
Meadows Building
Dallas 6, Texas
Attention: Mr. W. P. Barnes

United States Smelting, Refining
& Mining Company
900 Patterson Building
Denver, Colorado

Texas National Petroleum Company
902 South Coast Building
Houston 2, Texas

Mr. Tom Bolack
1010 North Dustin
Farmington, New Mexico

Mr. T. H. McElvain
220 Shelby St.
Santa Fe, New Mexico

Southern Petroleum Exploration, Inc.
P.O. Box 192
Sistersville, West Virginia
Attention: Mr. Paul W. Neuenschwander

Aztec Oil & Gas Company
920 Mercantile Securities Building
Dallas, Texas
Attention: Mr. H. L. Snider

Rock Island Oil & Refining Co., Inc.
321 West Douglas
Wichita, Kansas

American Petrofina Company of Texas
Post Office Box 2159
Dallas 21, Texas

Mr. V. A. Johnston
Ralls, Texas

Pan American Petroleum Corporation
Post Office Box 487
Farmington, New Mexico

Southern Union Gas Company
Burt Building
Dallas, Texas
Attention: Mr. D. W. Whitlow

Mr. Ralph A. Johnston
1010 South Coast Building
Houston 2, Texas

Mrs. Willie Johnston
311 Grandview Avenue
Clarksville, Arkansas

First National Bank of Fort Worth
Trustee for Eula Mae Johnston
Fort Worth, Texas

Anderson-Prichard Oil Corporation
Liberty Bank Building
Oklahoma City, Oklahoma
Attention: Mr. R. W. Brauchli

Mr. Orville C. Rogers
3835 Beechwood Lane
Dallas, Texas

Mrs. Veva Jean Gibbard
1229 W. Tishomingo
Sulphur, Oklahoma

El Paso Natural Gas Company

El Paso, Texas

January 5, 1960

REPLY TO:
P. O. Box 1526
SALT LAKE CITY 10, UTAH

Mr. John A. Anderson
Regional Oil and Gas Supervisor
United States Geological Survey
Post Office Box 6721
Roswell, New Mexico

Commissioner of Public Lands
State of New Mexico
Post Office Box 791
Santa Fe, New Mexico

Oil Conservation Commission
State of New Mexico
Post Office Box 871
Santa Fe, New Mexico

Gentlemen:

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
TWENTY-EIGHTH EXPANDED PARTICIPATING
AREA for the Mesaverde formation
Effective: December 1, 1959
Revision of Schedule XXIX

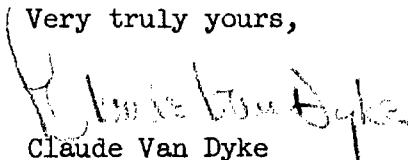
Under date of December 11, 1959, we forwarded to you copies of the Twenty-Eighth Expansion for the Mesaverde Participating Area with the attached Schedule XXIX showing the Twenty-Eighth Expansion of the Participating Area for the subject unit. This Schedule XXIX was inadvertently published with a slight discrepancy contained in the total sum of all the Participating Area interests.

In correction of this oversight, we enclose herewith revised copies of Schedule XXIX and ask that you substitute these schedules for the ones previously sent you.

We sincerely hope that this inadvertence has not caused you any great amount of inconvenience.

Copies of this letter and Schedule are being sent to all working interest owners in the 29-6 Unit.

Very truly yours,


Claude Van Dyke
Land Department

CVD:kfb
Enc.

PACIFIC NORTHWEST PIPELINE CORPORATION

SALT LAKE CITY, UTAH

December 11, 1959

REPLY TO:
P. O. Box 1526
SALT LAKE CITY 10, UTAH

Mr. John A. Anderson
Regional Oil and Gas Supervisor
United States Geological Survey
Post Office Box 6721
Roswell, New Mexico

Commissioner of Public Lands
State of New Mexico
Post Office Box 791
Santa Fe, New Mexico

Oil Conservation Commission
State of New Mexico
Post Office Box 871
Santa Fe, New Mexico

Gentlemen:

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
TWENTY-EIGHTH EXPANDED PARTICIPATING
AREA for the Mesaverde formation
Effective: December 1, 1959

Pursuant to Section 11 (a) of San Juan 29-6 Unit Agreement, Pacific Northwest Pipeline Corporation, as Unit Operator, has determined that one additional well capable of producing unitized substances in paying quantities in the Mesaverde formation has been completed on acreage committed to this unit.

The well data is as follows:

The San Juan 29-6 Unit Well #37-16 located 900' from the North line and 890' from the East line of Section 16, Township 29 North, Range 6 West, Rio Arriba County, New Mexico, was spudded on November 9, 1959, and completed on November 22, 1959 in the Mesaverde formation at a total depth of 6038'. The Mesaverde formation between 5492' and 6013' was perforated and sand-water fraced. After being shut-in for gauge for approximately 5 days, the well was tested on November 27, 1959, and following a three hour blow-down period the Mesaverde formation gauged 7267 MCF/D through 3/4" choke, and 9847 MCF/D by the calculated absolute open flow method with SIPT 1065# and SICP 1066#. The committed drilling block upon which this well is located is described as the E/2 of Section 16, Township 29 North, Range 6 West and contains 320 acres. This drilling block is hereby included in the Twenty-Eighth Expansion of Mesaverde Participating Area, effective December 1, 1959. Also with the completion of this well, there is created an intervening drilling block described as the E/2 of Section 9, Township 29 North, Range 6 West.

Twenty-Eighth Expanded Participating Area
December 10, 1959
Page 2

This intervening drilling block containing 320 acres is hereby admitted to the Mesaverde Participating Area effective December 1, 1959.

Attached is Schedule XXIX showing the Twenth-Eighth Expansion of the Participating Area for the Mesaverde formation of the subject unit. This Schedule describes the expanded participating area and gives the percentage of unitized substances allocated to each unitized tract.

Attached as Exhibit "A" is a plat of the Mesaverde Participating Area in effect with this expansion.

Copies of this letter and Schedule are being sent to all working interest owners in the 29-6 Unit.

Very truly yours,

PACIFIC NORTHWEST PIPELINE CORPORATION



Claude Van Dyke
District Manager, Land Department

CVD:kfb

Enc.

PACIFIC NORTHWEST PIPELINE CORPORATION

SALT LAKE CITY, UTAH

September 16, 1959

REPLY TO:
P. O. Box 1526
SALT LAKE CITY 10, UTAH

Regional Supervisor
United States Geological Survey
Post Office Box 6721
Roswell, New Mexico

Commissioner of Public Lands
State of New Mexico
Post Office Box 791
Santa Fe, New Mexico

Oil Conservation Commission
State of New Mexico
Post Office Box 871
Santa Fe, New Mexico

Gentlemen:

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
NOTICE OF COMPLETION OF ADDITIONAL
WELL FOR THE MESAVERDE FORMATION

Pursuant to Section 11 (a) of San Juan 29-6 Unit Agreement, Pacific Northwest Pipeline Corporation, as Unit Operator, has determined that an additional well capable of producing unitized substances in paying quantities from the Mesa-verde Formation has been completed upon acreage committed to this unit.

The well data is as follows:

SAN JUAN 29-6 MESAVERDE WELL #47-28

LOCATION:	990' from North line and 1650' from East line of Section 28, T 29 N, R 6 W, N.M.P.M.
ELEVATION:	6385' (DF)
SPUD DATE:	March 23, 1959
CASING:	13 3/8" cemented at 332' with 300 sx. 9 5/8" cemented at 3525' with 375 sx. 7" cemented at 7442' with 1161 sx. 5" cemented at 7894' with 100 sx.
TOTAL DEPTH:	7894'

Well Completion - Mesaverde
San Juan 29-6 Unit
September 16, 1959
Page 2

DRILLING METHODS: Drilled with water to 9 5/8" casing point;
drilled with gas from 9 5/8" casing point
to total depth.

COMPLETION METHOD: Perforated 7" casing. Aqua-fraced (water
only) Mesaverde at intervals from 5452' to
5604'.

TUBING: 1 1/4" hung at 5588'.

COMPLETION TEST DATA

DATE: July 14, 1959

SHUT-IN-PERIOD: 14 days

FINAL SHUT-IN PRESSURES: Tubing 1027#
Casing 1043#

RATE THROUGH TUBING
AND 3/4" CHOKE AFTER
3 HOUR BLOW DOWN: 7580 Mcfgpd; CAOF 9549 Mcfgpd.

San Juan 29-6 Mesaverde Well #47-28 is located upon the drilling block described as the E/2 of Section 28, Township 29 North, Range 6 West. This drilling block was included as an intervening drilling block in the Mesaverde Participating Area effective May 1, 1958. Therefore, the Mesaverde Participating Area is not enlarged with this completion.

Well #47-28 was also completed in the Dakota Formation and in conformance with Section 11 (b) of San Juan 29-6 Unit Agreement an initial participating area will be established for this horizon by separate letter.

Copies of this letter are being sent to all Working Interest Owners within the San Juan 29-6 Unit.

Very truly yours,

PACIFIC NORTHWEST PIPELINE CORPORATION



Claude Van Dyke
District Manager, Land Department

CVD:jc

PACIFIC NORTHWEST PIPELINE CORPORATION

SALT LAKE CITY, UTAH

October 10, 1958

REPLY TO:
P. O. Box 1526
SALT LAKE CITY 10, UTAH

Regional Supervisor
United States Geological Survey
Post Office Box 6721
Roswell, New Mexico

Commissioner of Public Lands
State of New Mexico
Post Office Box 791
Santa Fe, New Mexico

Oil Conservation Commission
State of New Mexico
Post Office Box 871
Santa Fe, New Mexico

Gentlemen:

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
NOTICE OF COMPLETION OF ADDITIONAL
WELL

Pursuant to Section 11 (a) of San Juan 29-6 Unit Agreement, Pacific Northwest Pipeline Corporation, as Unit Operator, has determined that one additional well capable of producing unitized substances in paying quantities from the Mesaverde Formation has been completed upon acreage committed to this unit.

The well data is as follows:

SAN JUAN 29-6 MESAVERDE WELL #61-19

LOCATION:	1840' from South line and 1840' from West line of Section 19, T 29 N, R 6 W, N.M.P.M.
ELEVATION:	6259' (grd)
SPUD DATE:	July 1, 1958
CASING:	10 3/4" cemented at 206' with 200 sx 7 5/8" cemented at 3351' with 200 sx 5 1/2" cemented at 5485' with 200 sx
TOTAL DEPTH:	5485'
DRILLING METHODS:	Drilled with mud to 7 5/8" casing point; drilled with gas from 7 5/8" casing point to total depth.

San Juan 29-6 Unit
Well Completion
October 10, 1958
Page 2

COMPLETION METHODS: Perforated 5 1/2" casing and water fraced
Cliff House, Menefee and Point Lookout forma-
tions at intervals between 4864' and 5454'

TUBING: 1 1/4" hung at 5433'

COMPLETION TEST DATA

DATE: September 5, 1958

SHUT-IN-PERIOD: 10 days

FINAL SHUT-IN-PRESSURES: Tubing 1113#
Casing 1113#

RATE THROUGH 3/4" CHOKE
AFTER 3 HOUR BLOW DOWN: 7728 MCF/D; CAOF 10735 MCF/D

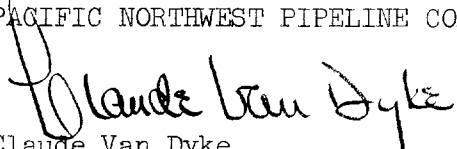
San Juan 29-6 Mesaverde Well #61-19 is located upon the drilling block described as the W/2 of Section 19, Township 29 North, Range 6 West.

This drilling block containing 320 acres was admitted to the Mesaverde Participating area as an intervening drilling block on the Twenty-Second Expansion of the Mesaverde Participating Area effective September 1, 1957. Therefore, the participating area is not enlarged and the percentage allocated to the tracts shown on Schedule XXVII for the Twenty-Sixth Expanded Participating Area remain the same.

Copies of this letter are being sent to all Working Interest Owners within the subject unit.

Very truly yours,

PACIFIC NORTHWEST PIPELINE CORPORATION


Claude Van Dyke
District Manager, Land Department

OVD:jc

PACIFIC NORTHWEST PIPELINE CORPORATION

SALT LAKE CITY, UTAH

October 3, 1958

REPLY TO:
P. O. Box 1526
SALT LAKE CITY 10, UTAH

Regional Supervisor
United States Geological Survey
Post Office Box 6721
Roswell, New Mexico

Commissioner of Public Lands
State of New Mexico
Post Office Box 791
Santa Fe, New Mexico

Oil Conservation Commission
State of New Mexico
Post Office Box 871
Santa Fe, New Mexico

Gentlemen:

Re: San Juan 29-6 #14-08-001-439
Rio Arriba County, New Mexico
NOTICE OF COMPLETION OF ADDITIONAL
WELL
Mesaverde Well #60-18

Under date of September 12, 1958, you were sent copies of Notice of Completion of Additional Well #60-18 located in the subject unit. On page 2 of this letter we stated that the drilling block dedicated to the subject well was included as an intervening drilling block in the Mesaverde Participating Area effective October 1, 1958. The correct effective date for admission of the drilling block to the participating area is September 1, 1957.

The block was admitted to the participating area on Expansion Twenty-Two which is effective September 1, 1957.

Please change our original letter of September 12, 1958, to reflect the above information.

Very truly yours,

PACIFIC NORTHWEST PIPELINE CORPORATION



Claude Van Dyke
District Manager, Land Department

CVD:jc

PACIFIC NORTHWEST PIPELINE CORPORATION

SALT LAKE CITY, UTAH

September 12, 1958

REPLY TO:
P. O. Box 1526
SALT LAKE CITY 10, UTAH

Regional Supervisor
United States Geological Survey
Post Office Box 6721
Roswell, New Mexico

Commissioner of Public Lands
State of New Mexico
Post Office Box 791
Santa Fe, New Mexico

Oil Conservation Commission
State of New Mexico
Post Office Box 871
Santa Fe, New Mexico

Gentlemen:

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
NOTICE OF COMPLETION OF ADDITIONAL
WELL

Pursuant to Section 11 (a) of the San Juan 29-6 Unit Agreement, Pacific Northwest Pipeline Corporation, as Unit Operator, has determined that one (1) additional well capable of producing unitized substances in paying quantities from the Mesaverde Formation has been completed upon acreage committed to this unit.

The well data upon which this Notice of Completion is based is as follows:

SAN JUAN 29-6 MESAVERDE WELL #60-18

LOCATION:	1800' from the North line and 810' from the East line, of Section 18, T 29 N, R 6 W, N.M.P.M.
ELEVATION:	6334' (grd)
SPUD DATE:	June 19, 1958
CASING:	10 3/4" cemented at 194' with 200 sx 7 5/8" cemented at 3410' with 200 sx 5 1/2" cemented at 5575' with 200 sx
TOTAL DEPTH:	5575'

Completion of Well
San Juan 29-6 Unit - Mesaverde
Well #60-18
Page 2

DRILLING METHODS: Drilled with mud to 7 5/8" casing point;
drilled with gas from 7 5/8" casing point
to total depth.

COMPLETION METHOD: Perforated 5 1/2" casing. Aqua-fraced
Cliff House, Menefee and Point Lookout
intervals from 4960' to 5496'

TUBING: 1 1/4" hung at 5495'

COMPLETION TEST DATA

DATE: August 6, 1958

SHUT-IN-PERIOD: 5 days

FINAL SHUT-IN-PRESSURES: Tubing 1106#
Casing 1111#

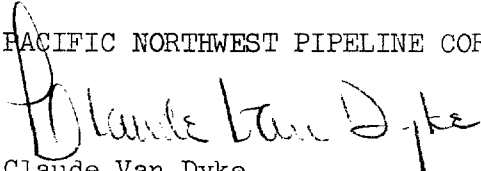
RATE THROUGH TUBING
AND 3/4" CHOKE AFTER
3 HOUR BLOW DOWN: 5794 MCF/D; CAOF 6931 MCF/D

San Juan 29-6 Mesaverde Well #60-18 is located upon the drilling block described as the E/2 of Section 18, Township 29 North, Range 6 West, N.M.P.M. This drilling block was included as an intervening drilling block in the Mesaverde Participating Area effective October 1, 1958. The Mesaverde Participating Area is not enlarged and the present participation is as shown on Schedule XXVII for the Twenty-Sixth Expansion of the Participating Area of the Mesaverde formation effective August 1, 1958.

Copies of this letter are being sent to all Working Interest Owners within the San Juan 29-6 Unit.

Very truly yours,

PACIFIC NORTHWEST PIPELINE CORPORATION


Claude Van Dyke
District Manager, Land Department

CVD:je

PACIFIC NORTHWEST PIPELINE CORPORATION

SALT LAKE CITY, UTAH

August 18, 1958

ALVIN PATRICK COO

REPLY TO:
P. O. Box 1526
SALT LAKE CITY 10, UTAH

1958 AUG 18 AM 11 43

Regional Supervisor
United States Geological Survey
Post Office Box 6721
Roswell, New Mexico

Commissioner of Public Lands
State of New Mexico
Post Office Box 791
Santa Fe, New Mexico

Oil Conservation Commission
State of New Mexico
Post Office Box 871
Santa Fe, New Mexico

Gentlemen:

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
TWENTY-SIXTH EXPANDED PARTICIPATING
AREA FOR THE MESAVERDE FORMATION
Effective: August 1, 1958

Pursuant to Section 11 (a) of San Juan 29-6 Unit Agreement, Pacific Northwest Pipeline Corporation, as Unit Operator, has determined that one additional well capable of producing unitized substances in paying quantities from the Mesaverde Formation has been completed upon acreage committed to this unit.

The well data is as follows:

SAN JUAN 29-6 MESAVERDE WELL #50-36

LOCATION:	1650' from North line and 990' from East line of Section 36, T 29 N, R 6 W, N.M.P.M.
ELEVATION:	6404' (grd)
SPUD DATE:	June 9, 1958
CASING:	10 3/4" cemented at 197' with 200 sx 7 5/8" cemented at 3530' with 200 sx 5 1/2" cemented at 5685' with 200 sx
TOTAL DEPTH:	5685'
DRILLING METHODS:	Drilled with mud to 7 5/8" casing point; drilled with gas from 7 5/8" casing point to total depth

Twenty-sixth Expansion - Mesaverde
San Juan 29-6 Unit
August 18, 1958
Page 2

COMPLETION METHOD: Perforated 5 1/2" casing. Aqua-fraced
(water only) Point Lookout intervals from
5516' to 5650', Menefee intervals from 5229'
to 5448', and Cliff House intervals from
5108' to 5180'

TUBING: 1 1/4" hung at 5642'

COMPLETION TEST DATA

DATE: July 31, 1958

SHUT-IN-PERIOD: 7 days

FINAL SHUT-IN-
PRESSURES: Tubing 1102#
Casing 1104#

RATE THROUGH TUBING
AND 3/4" CHOKE AFTER
3 HOUR BLOW DOWN: 6679 MCF/D; CAOF 8734 MCF/D

San Juan 29-6 Mesaverde Well #50-36 is located upon the drilling block described as the E/2 of Section 36, Township 29 North, Range 6 West. This drilling block containing 234.16 acres is hereby admitted to the Mesaverde Participating Area.

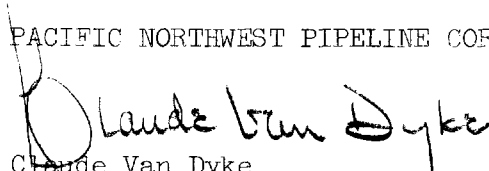
Attached is Schedule XXVII showing the Twenty-sixth Expanded Participating Area for the Mesaverde formation of San Juan 29-6 Unit Area. This describes the expanded participating area and shows the percentage of unitized substances allocated to each unitized tract.

Attached as Exhibit "A" is a plat of the San Juan 29-6 Unit Mesaverde Participating Area.

Copies of this letter and Schedule are being sent to all Working Interest Owners within the San Juan 29-6 Unit.

Very truly yours,

PACIFIC NORTHWEST PIPELINE CORPORATION


Claude Van Dyke
District Manager, Land Department

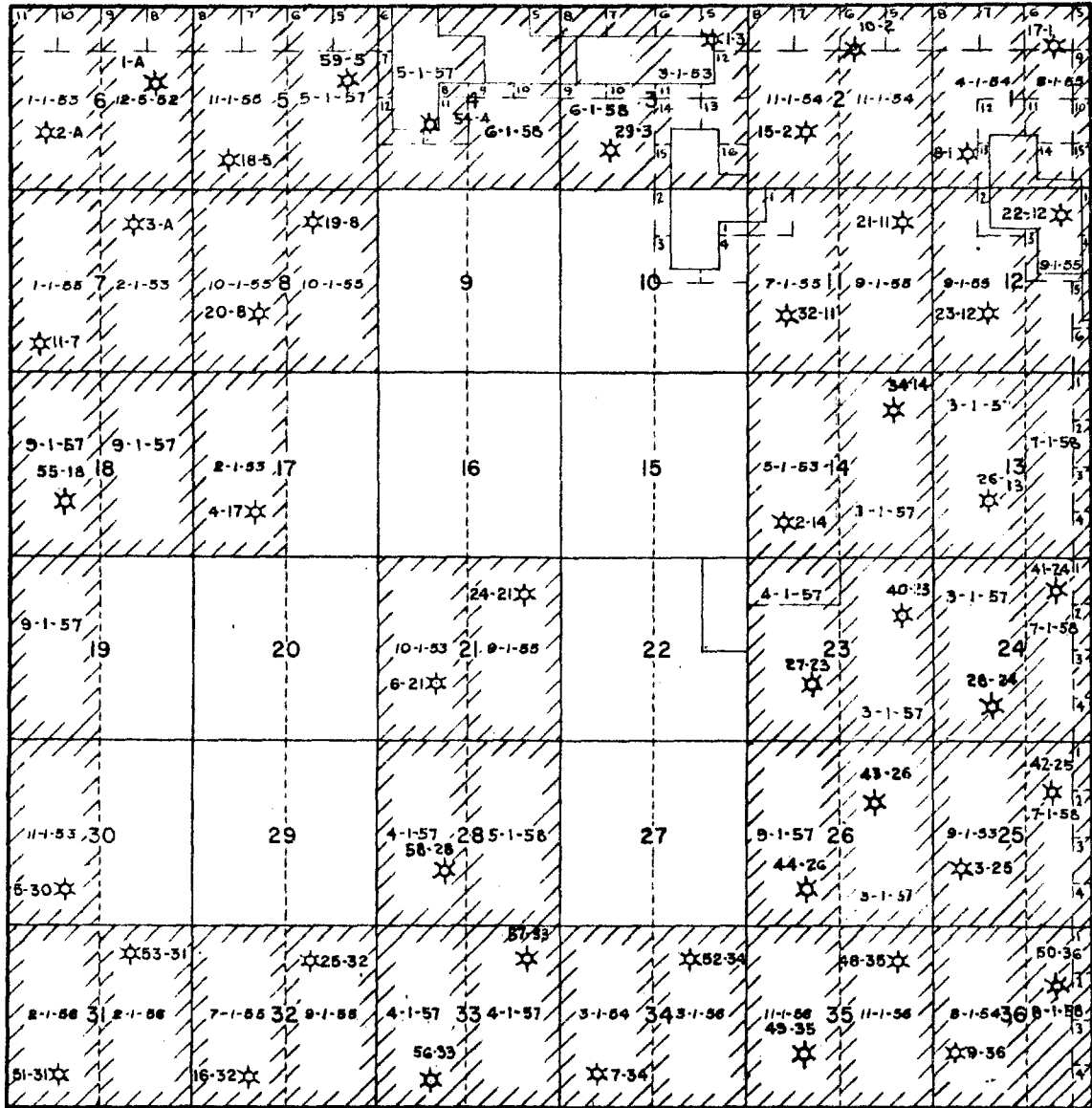
CVD:jc

Enc.

EXHIBIT "A"

R. 6 W.

T. 29 N.



SAN JUAN 29-6 UNIT

RIO ARRIBA COUNTY, NEW MEXICO

Mesaverde Participating Area

TWENTY SIXTH REVISION EFFECTIVE AUGUST 1, 1958

SCALE 1 inch = 1 mile



Participating area.



Drilling blocks added to participating area by this revision.

NOTE: Effective date of inclusion is shown on each drilling block added to participating area.

PACIFIC NORTHWEST PIPELINE CORPORATION

SALT LAKE CITY, UTAH

July 10, 1958

1958 JUL 10
REPLY TO
P. O. BOX 1526
SALT LAKE CITY, UTAH
MAIN OFFICE OCC
AM 8:20

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4114

Regional Supervisor
United States Geological Survey
Post Office Box 6721
Roswell, New Mexico

Commissioner of Public Lands
State of New Mexico
Post Office Box 791
Santa Fe, New Mexico

Oil Conservation Commission
State of New Mexico
Post Office Box 871
Santa Fe, New Mexico

Gentlemen:

7-21-58
Oil & Gas Supervisor

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
TWENTY-FIFTH EXPANDED PARTICIPATING
AREA FOR THE MESAVERDE FORMATION
Effective: July 1, 1958

Pursuant to Section 11 (a) of San Juan 29-6 Unit Agreement, Pacific 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 well data is as follows:

SAN JUAN 29-6 MESAVERDE WELL #42-25

LOCATION:	1450' from North line and 1070' from East line of Section 25, T 29 N, R 6 W, N.M.P.M.
ELEVATION:	6646' (grd)
SPUD DATE:	May 28, 1958
CASING:	10 3/4" cemented at 213' with 200 sx 7 5/8" cemented at 3740' with 200 sx 5 1/2" cemented at 5950' with 200 sx
TOTAL DEPTH:	5950'
DRILLING METHODS:	Drilled with mud to 7 5/8" casing point; drilled with gas from 7 5/8" casing point to total depth

Twenty-fifth Expansion - Mesaverde
San Juan 29-6 Unit
July 10, 1958
Page 2

COMPLETION METHOD: Perforated 5 1/2" casing. Aqua-fraced
(water only) Point Lookout intervals from
5740' to 5924', Menefee intervals from
5552' to 5594', and Cliff House intervals
from 5354' to 5426'

TUBING: 1 1/4" hung at 5883'

COMPLETION TEST DATA

DATE: June 25, 1958

SHUT-IN-PERIOD: 7 days

FINAL SHUT-IN-
PRESSURES: Tubing 1087#
Casing 1089#

RATE THROUGH TUBING
AND 3/4" CHOKE AFTER
3 HOUR BLOW DOWN: 1788 Mcfgpd; CAOF 5170 Mcfgpd

San Juan 29-6 Mesaverde Well #42-25 is located upon the drilling block de-
scribed as the E/2 of Section 25, Township 29 North, Range 6 West. This
drilling block containing 233.88 acres is hereby admitted to the Mesaverde
Participating Area.

SAN JUAN 29-6 MESAVERDE WELL #41-24

LOCATION: 990' from North line and 990' from East
line of Section 24, T 29 N, R 6 W, N.M.P.M.

ELEVATION: 6716' (grd)

SPUD DATE: May 18, 1958

CASING: 10 3/4" cemented at 208' with 200 sx
7 5/8" cemented at 3825' with 200 sx
5 1/2" cemented at 6020' with 200 sx

TOTAL DEPTH: 6020'

DRILLING METHODS: Drilled with mud to 7 5/8" casing point;
drilled with gas from 7 5/8" casing point
to total depth

Twenty-fifth Expansion - Mesaverde
San Juan 29-6 Unit
July 10, 1958
Page 3

COMPLETION METHOD: Perforated 5 1/2" casing. Aqua-fraced
(water only) Point Lookout intervals from
5836' to 5956', Menefee intervals from
5708' to 5820', and Cliff House intervals
from 5458' to 5552'

TUBING: 1 1/4" hung at 5948'

COMPLETION TEST DATA

DATE: June 25, 1958

SHUT-IN-PERIOD: 9 days

FINAL SHUT-IN-
PRESSURES: Tubing 1102#
Casing 1101#

RATE THROUGH TUBING
AND 3/4" CHOKE AFTER
3 HOUR BLOW DOWN: 2046 Mcfgpd; CAOF 8271 Mcfgpd.

San Juan 29-6 Mesaverde Well #41-24 is located upon the drilling block described as the E/2 Section 24, Township 29 North, Range 6 West. This drilling block, containing 233.24 acres, is hereby admitted to the Mesaverde Participating Area. With this completion, an intervening drilling block described as the E/2 of Section 13, Township 29 North, Range 6 West, is created by the completion of San Juan 29-6 Mesaverde Well # 41-24 and the previous completion of San Juan 29-6 Mesaverde Well #22-12. This intervening drilling block, containing 232.16 acres, is hereby admitted to the Mesaverde Participating Area in accordance with the provisions of Section 11 of the San Juan 29-6 Unit Agreement.

Attached is Schedule XXVI showing the Twenty-fifth Expanded Participating Area for the Mesaverde formation of San Juan 29-6 Unit Area. This describes the expanded participating area and shows the percentage of unitized substances allocated to each unitized tract.

Attached as Exhibit "A" is a plat of the San Juan 29-6 Unit Mesaverde Participating Area.

Copies of this letter and Schedule are being sent to all Working Interest Owners within the San Juan 29-6 Unit.

Very truly yours,

PACIFIC NORTHWEST PIPELINE CORPORATION

Claude Van Dyke

Claude Van Dyke
District Manager, Land Department

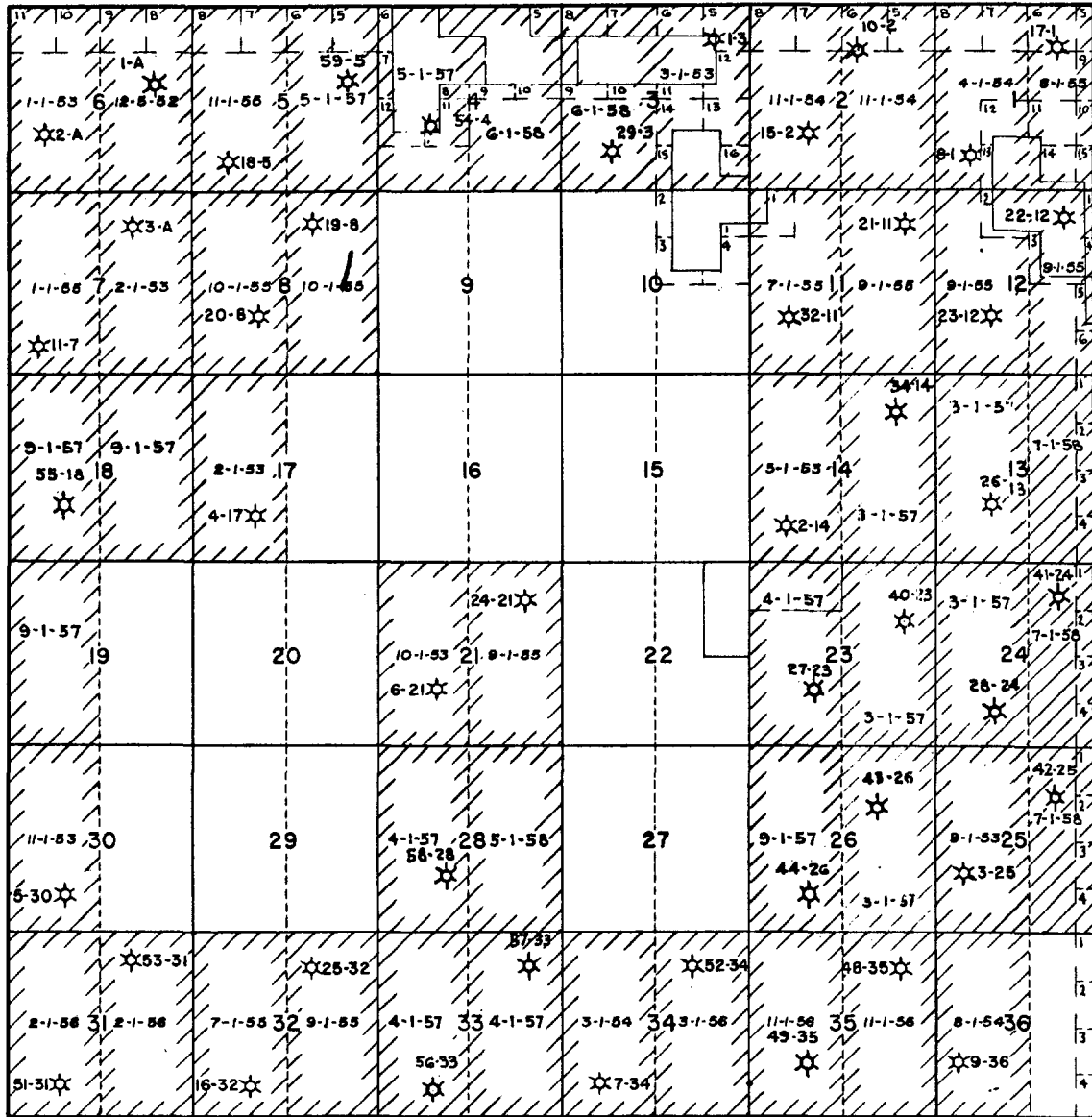
CVD: jc
Enc.

EXHIBIT "A"

PRICE 1.50
JUL 18 1958
BUREAU OF LAND SURVEY
DEPARTMENT OF THE INTERIOR
WASHINGTON, D. C.

R. 6 W.

T.
29
N.



SAN JUAN 29-6 UNIT

RIO ARRIBA COUNTY, NEW MEXICO

Mesaverde Participating Area

TWENTY FIFTH REVISION EFFECTIVE JULY 1, 1958

SCALE 1 inch = 1 mile



Participating area.



Drilling blocks added to participating area by this revision.

NOTE: Effective date of inclusion is shown on each drilling block admitted to participating area.

PACIFIC NORTHWEST PIPELINE CORPORATION

SALT LAKE CITY, UTAH

June 18, 1958

REPLY TO:
P. O. Box 1526
SALT LAKE CITY 10, UTAH

Regional Supervisor
United States Geological Survey
Post Office Box 6721
Roswell, New Mexico

Commissioner of Public Lands
State of New Mexico
Post Office Box 791
Santa Fe, New Mexico

Oil Conservation Commission
State of New Mexico
Post Office Box 871
Santa Fe, New Mexico

Gentlemen:

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
NOTICE OF COMPLETION OF ADDITIONAL WELLS and
TWENTY-FOURTH EXPANDED PARTICIPATING AREA
FOR THE MESAVERDE FORMATION
Effective: June 1, 1958

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ca
411

Pursuant to Section 11 (a) of San Juan 29-6 Unit Agreement, Pacific 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 well data is as follows:

SAN JUAN 29-6 MESAVERDE WELL # 59-5

LOCATION:	1820' from North line and 800' from East line of Section 5, T 29 N, R 6 W, N.M.P.M.
ELEVATION:	6516' (grd)
SPUD DATE:	March 22, 1958
CASING:	10 3/4" cemented at 195' with 200 sx 7 5/8" cemented at 3600' with 200 sx 5 1/2" cemented at 5830' with 200 sx
TOTAL DEPTH:	5830'
DRILLING METHODS:	Drilled with mud to 7 5/8" casing point; drilled with gas from 7 5/8" casing point to total depth

Well Completion and Twenty-fourth Expansion - Mesaverde
San Juan 29-6 Unit
June 18, 1958
Page 2

COMPLETION METHOD: Perforated 5 1/2" casing. Aqua-fraced
(water only) Point Lookout intervals from
5626' to 5740', Menefee intervals from
5336' to 5626', and Cliff House intervals
from 5294' to 5337'

TUBING: 1 1/4" hung at 5721'

COMPLETION TEST DATA

DATE: May 26, 1958

SHUT-IN-PERIOD: 10 days

FINAL SHUT-IN Tubing 955#
PRESSURES: Casing 1014#

RATE THROUGH TUBING
AND 3/4" CHOKE AFTER
3 HOUR BLOW DOWN: 3442 Mcfgpd; CAOF 3672 Mcfgpd

SAN JUAN 29-6 MESAVERDE WELL #29-3

LOCATION: 990' from South line and 1650' from West
line of Section 3, T 29 N, R 6 W, N.M.P.M.

ELEVATION: 6488' (grd)

SPUD DATE: May 5, 1958

CASING: 10 3/4" cemented at 196' with 200 sx
7 5/8" cemented at 3620' with 200 sx
5 1/2" cemented at 5790' with 200 sx

TOTAL DEPTH: 5790'

DRILLING METHODS: Drilled with mud to 7 5/8" casing point;
drilled with gas from 7 5/8" casing point
to total depth

COMPLETION METHOD: Perforated 5 1/2" casing. Aqua-fraced
(water only) Point Lookout intervals from
5582' to 5770', Menefee intervals from
5546' to 5582', and Cliff House intervals
from 5264' to 5300'

Well Completion and Twenty-fourth Expansion - Mesaverde
San Juan 29-6 Unit
June 18, 1958
Page 3

TUBING: 1 1/4" hung at 5761'

COMPLETION TEST DATA

DATE: May 28, 1958

SHUT-IN-PERIOD: 10 days

FINAL SHUT-IN Tubing 1043#
PRESSURES: Casing 1043#

RATE THROUGH TUBING
AND 3/4" CHOKE AFTER
3 HOUR BLOW DOWN: 2015 Mcfgpd; CAOF 11,058 Mcfgpd.

San Juan 29-6 Mesaverde Well #59-5 is located upon the drilling block described as the E/2 of Section 5, Township 29 North, Range 6 West. This drilling block was included as an Intervening Drilling Block in the Mesaverde Participating Area effective May 1, 1957. Therefore, the Mesaverde Participating Area is not enlarged with this completion.

San Juan 29-6 Mesaverde Well #29-3 is located upon the drilling block described as the W/2 of Section 3, Township 29 North, Range 6 West. This drilling block, containing 321.47 acres, is hereby admitted to the Mesaverde Participating Area. With this completion, an Intervening Drilling Block described as the E/2 of Section 4, Township 29 North, Range 6 West, is created by the completion of San Juan 29-6 Mesaverde Well #29-3 and the previous completion of San Juan 29-6 Mesaverde Well #54-4. This Intervening Drilling Block, containing 319.91 acres, is hereby admitted to the Mesaverde Participating Area in accordance with the provisions of Section 11 of the San Juan 29-6 Unit Agreement.

Attached is Schedule XXV showing the Twenty-Fourth Expanded Participating Area for the Mesaverde Formation of San Juan 29-6 Unit Area. This describes the expanded participating area and shows the percentage of unitized substances allocated to each unitized tract.

Attached as Exhibit "A" is a plat of the San Juan 29-6 Unit Mesaverde Participating Area.

Copies of this letter and Schedule are being sent to all Working Interest Owners within the San Juan 29-6 Unit.

Very truly yours,

PACIFIC NORTHWEST PIPELINE CORPORATION



Claude Van Dyke
District Manager, Land Department

PACIFIC NORTHWEST PIPELINE CORPORATION

SALT LAKE CITY, UTAH

May 13, 1958

REPLY TO:
P. O. Box 1526
SALT LAKE CITY 10, UTAH

Regional Supervisor
United States Geological Survey
Post Office Box 6721
Roswell, New Mexico

Commissioner of Public Lands
State of New Mexico
Post Office Box 791
Santa Fe, New Mexico

Oil Conservation Commission
State of New Mexico
Post Office Box 871
Santa Fe, New Mexico

Gentlemen:

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
NOTICE OF COMPLETION OF ADDITIONAL WELL and
TWENTY-THIRD EXPANDED PARTICIPATING AREA
FOR THE MESAVERDE FORMATION
Effective: May 1, 1958

Pursuant to Section 11 (a) of San Juan 29-6 Unit Agreement, Pacific Northwest Pipeline Corporation, as Unit Operator, has determined that an additional well capable of producing unitized substances in paying quantities from the Mesa-verde Formation has been completed upon acreage committed to this unit.

The well data is as follows:

SAN JUAN 29-6 MESAVERDE WELL #57-33

LOCATION: 850' from North line and 990' from East
line of Section 33, T 29 N, R 6 W, N.M.P.M.

ELEVATION: 6400' (grd)

SPUD DATE: February 25, 1958

CASING: 10 3/4" cemented at 193' with 200 sx
7 5/8" cemented at 3466' with 200 sx
5 1/2" cemented at 5670' with 200 sx

TOTAL DEPTH: 5670'

DRILLING METHODS: Drilled with mud to 7 5/8" casing point;
drilled with gas from 7 5/8" casing point
to total depth

COMPLETION METHOD: Perforated 5 1/2" casing. Aqua-fraced (water only) Point Lookout intervals from 5476' to 5628', Menefee intervals from 5176' to 5468', and Cliff House intervals from 5042' to 5130'

TUBING: 1 1/4" hung at 5634'

COMPLETION TEST DATA

DATE: April 1, 1958

SHUT-IN-PERIOD: 7 days

FINAL SHUT-IN Tubing 1087#
PRESSURES: Casing 1096#

RATE THROUGH TUBING
AND 3/4" CHOKE AFTER
3 HOUR BLOW DOWN: 1982 Mcfgpd; CAOF 9578 Mcfgpd.

San Juan 29-6 Mesaverde Well #57-33 is located upon the drilling block described as the E/2 of Section 33, Township 29 North, Range 6 West. This drilling block was included as an intervening drilling block in the Mesaverde Participating Area effective April 1, 1957. Therefore, the Mesaverde Participating Area is not enlarged with this completion. However, an intervening drilling block described as the E/2 of Section 28, Township 29 North, Range 6 West, is created by the completion of San Juan 29-6 Mesaverde Well #57-33 and the previous completion of San Juan 29-6 Mesaverde Well #24-21 located upon the drilling block described as the E/2 of Section 21, Township 29 North, Range 6 West. This intervening drilling block is hereby admitted to the Mesaverde Participating Area in accordance with the provisions of Section 11 of San Juan 29-6 Unit Agreement. This intervening drilling block contains 320 acres.

Attached is Schedule XXIV showing the Twenty-Third Expanded Participating Area for the Mesaverde Formation of San Juan 29-6 Unit Area. This describes the expanded participating area and shows the percentage of unitized substances allocated to each unitized tract.

Attached as Exhibit "A" is a plat of the San Juan 29-6 Unit Mesaverde Participating Area.

Copies of this letter and Schedule are being sent to all Working Interest Owners within the San Juan 29-6 Unit.

Very truly yours,

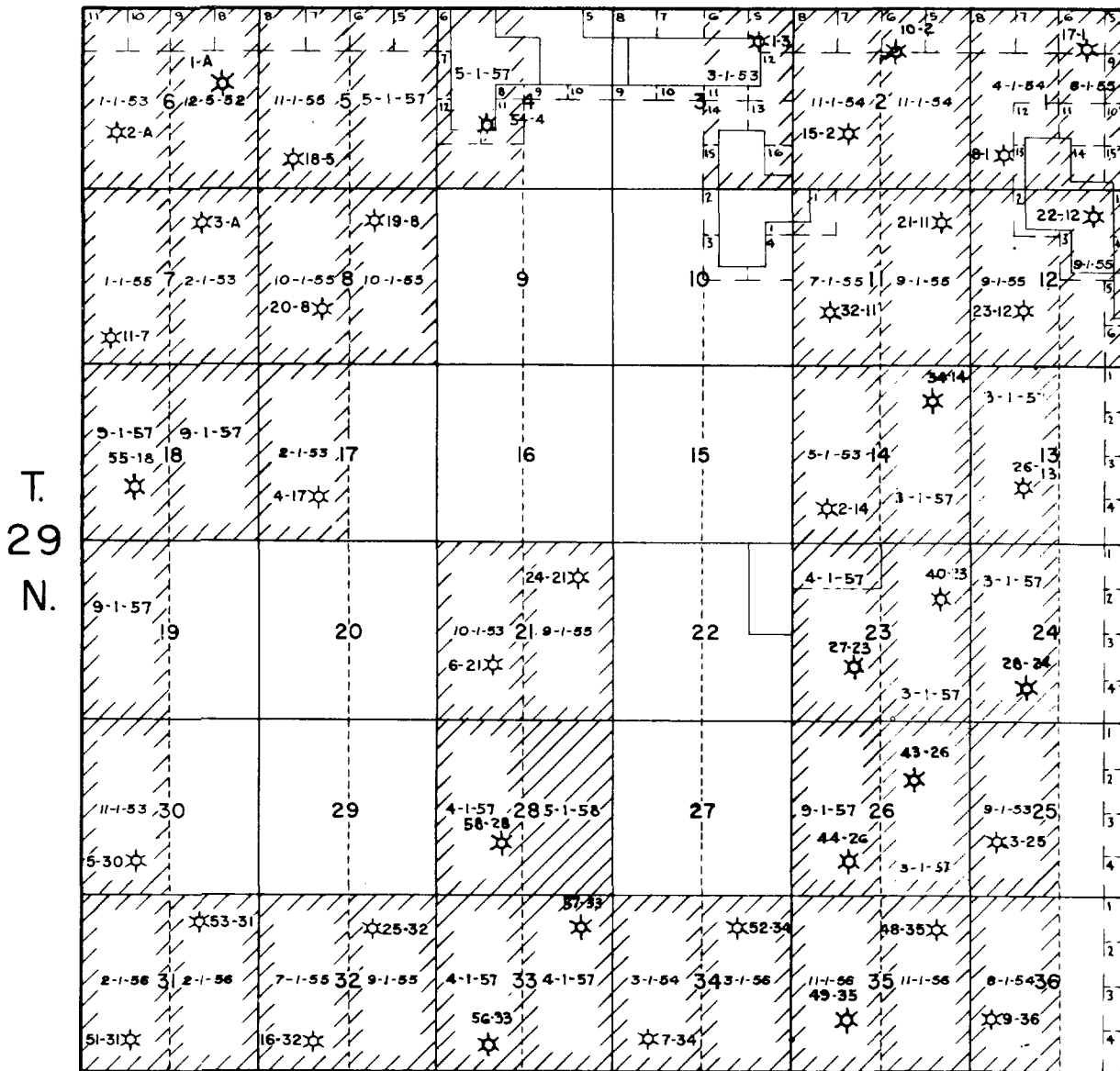
PACIFIC NORTHWEST PIPELINE CORPORATION



Claude Van Dyke
District Manager, Land Department

CVD: jc
Enc.

R. 6 W.



SAN JUAN 29-6 UNIT

RIO ARRIBA COUNTY, NEW MEXICO

Mesaverde Participating Area

TWENTY THIRD REVISION EFFECTIVE MAY 1, 1958

SCALE 1 inch = 1 mile



Participating area.



Drilling blocks added to participating area by this revision.

NOTE: Effective date of inclusion is shown on each drilling block admitted to participating area.

PACIFIC NORTHWEST PIPELINE CORPORATION

SALT LAKE CITY, UTAH

April 4, 1958

File

REPLY TO:
P. O. Box 1526
SALT LAKE CITY 10, UTAH

Regional Supervisor
United States Geological Survey
Post Office Box 6721
Roswell, New Mexico

4/11

Commissioner of Public Lands
State of New Mexico
Post Office Box 791
Santa Fe, New Mexico

Oil Conservation Commission
State of New Mexico
Post Office Box 871
Santa Fe, New Mexico

Gentlemen:

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
NOTICE OF COMPLETION OF ADDITIONAL
WELLS

Pursuant to Section 11 (a) of San Juan 29-6 Unit Agreement, Pacific 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 well data is as follows:

SAN JUAN 29-6 MESAVERDE WELL #43-26

LOCATION:	1650' from North line and 1650' from East line of Section 26, T 29 N, R 6 W, N.M.P.M.
ELEVATION:	6395' (Ungraded ground)
SPUD DATE:	January 28, 1958
CASING:	10 3/4" cemented at 235' with 200 sx 7 5/8" cemented at 3510' with 200 sx 5 1/2" cemented at 3298' with 200 sx
TOTAL DEPTH:	5700'
DRILLING METHODS:	Drilled with mud to 7 5/8" casing point; drilled with gas from 7 5/8" casing point to total depth.

COMPLETION METHOD: Perforated 5 1/2" casing and aqua-fraced (water only) Point Lookout intervals from 5476' to 5668', Menefee intervals from 5159' to 5450' and Cliff House intervals from 5094' to 5154'.

TUBING: 1 1/4" set at 5622'

COMPLETION TEST DATA

DATE: March 21, 1958

SHUT-IN-PERIOD: 11 days

FINAL SHUT-IN-PRESSURES: Tubing 975#
Casing 1107#

RATE THROUGH TUBING AND
3/4" CHOKE AFTER 3 HOUR
BLOW DOWN: 3606 MCFGPD, CAOF

San Juan 29-6 Mesaverde Well #43-26 is located upon the drilling block described as the E/2 of Section 26, Township 29 North, Range 6 West. This drilling block was included as an intervening drilling block in the Mesaverde Participating Area effective March 1, 1957. Therefore, the Mesaverde Participating Area is not enlarged and the present participation is as shown on Schedule XXIII for the Twenty-second Expanded Participating Area for the Mesaverde Formation, effective September 1, 1957.

SAN JUAN 29-6 MESAVERDE WELL #58-28

LOCATION: 1750' from South line and 1840' from West line of Section 28, T 29 N, R 6 W, N.M.P.M.

ELEVATION: 6301' (Ungraded ground)

SPUD DATE: February 12, 1958

CASING: 10 3/4" cemented at 197' with 200 sx
7 5/8" cemented at 3375' with 200 sx
5 1/2" cemented at 5550' with 200 sx

TOTAL DEPTH: 5550'

DRILLING METHODS: Drilled with mud to 7 5/8" casing point; drilled with gas from 7 5/8" casing point to total depth.

Well Completions
April 4, 1958
Page 3

COMPLETION METHOD: Perforated 5 1/2" casing. Aqua-fraced
(water only) Cliff House and Menefee
intervals from 4960' to 5344', and Point
Lookout intervals from 5370' to 5508'

TUBING: 1 1/4" set at 5505'

COMPLETION TEST DATA

DATE: March 6, 1958

SHUT-IN-PERIOD: 11 days

FINAL SHUT-IN
PRESSURES: Tubing 1091#
Casing 1079#

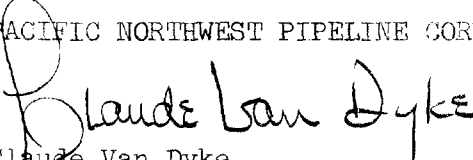
RATE THROUGH TUBING
AND 3/4" CHOKE AFTER
3 HOUR BLOW DOWN: 2231 MCFGPD; CAOF 13,932 MCFGPD

San Juan 29-6 Mesaverde Well #58-28 is located upon the drilling block described as the W/2 of Section 28, Township 29 North, Range 6 West. This drilling block was included as an intervening drilling block in the Mesaverde Participating Area effective April 1, 1957. Therefore, the Mesaverde Participating Area is not enlarged and the present participation is as shown on Schedule XXIII for the Twenty-second Expanded Participating Area for the Mesaverde Formation, effective September 1, 1957.

Copies of this letter are being sent to all Working Interest Owners within the San Juan 29-6 Unit.

Very truly yours,

PACIFIC NORTHWEST PIPELINE CORPORATION


Claude Van Dyke
District Manager, Land Department

CVD:je

PACIFIC NORTHWEST PIPELINE CORPORATION

SALT LAKE CITY, UTAH

September 20, 1957

REPLY TO:
P. O. Box 1526
SALT LAKE CITY 10, UTAH

Regional Supervisor
United States Geological Survey
Post Office Box 6721
Roswell, New Mexico

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
NOTICE OF COMPLETION OF ADDITIONAL
WELL

Commissioner of Public Lands
State of New Mexico
Post Office Box 791
Santa Fe, New Mexico

Oil Conservation Commission
State of New Mexico
Post Office Box 871
Santa Fe, New Mexico

Gentlemen:

Pursuant to Section 11 (a) of San Juan 29-6 Unit Agreement, Pacific Northwest Pipeline Corporation, as Unit Operator, has determined that an additional well capable of producing unitized substances in paying quantities from the Mesa-verde Formation has been completed upon acreage committed to this unit.

The well data is as follows:

SAN JUAN 29-6 MESAVERDE WELL #49-35

LOCATION:	1090' from South line and 1650' from West line of Section 35, T 29 N, R 6 W, N.M.P.M.
ELEVATION:	6449' (grd)
SPUD DATE:	July 2, 1957
CASING:	10 3/4" cemented at 212' with 200 sx 7 5/8" cemented at 3530' with 150 sx 5 1/2" cemented at 5651' with 150 sx
TOTAL DEPTH:	5651'
DRILLING METHODS:	Drilled with mud to 7 5/8" casing point; drilled with gas from 7 5/8" casing point to total depth.

Page two
Well Completion
September 20, 1957

COMPLETION METHOD: Perforated 5 1/2" casing and aqua-fraced
(water only) Point Lookout intervals
from 5488' to 5634', Menefee intervals
from 5226' to 5422' and Cliff House
intervals from 5070' to 5164'.

TUBING: 1 1/4" hung at 5609'

COMPLETION TEST DATA

DATE: August 28, 1957

SHUT-IN-PERIOD: 15 days

FINAL SHUT-IN-PRESSURES: Tubing 1108 #
Casing 1110 #

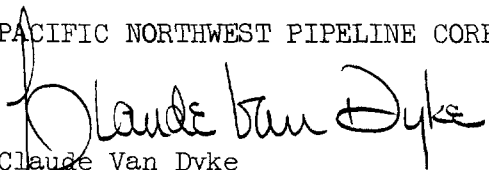
RATE THROUGH TUBING AND
3/4" CHOKE AFTER 3 HOUR
BLOW DOWN: 3719 MCFGPD; CAOF 4022 MCFGPD

San Juan 29-6 Mesaverde Well #49-35 is located upon the drilling block described as the W/2 of Section 35, Township 29 North, Range 6 West. This drilling block was included as an intervening drilling block in the Mesaverde Participating Area effective November 1, 1956. Therefore, the Mesaverde Participating Area is not enlarged and the present participation is as shown on Schedule XXIII for the Twenty-second Expanded Participating Area for the Mesaverde Formation, effective September 1, 1957.

Copies of this letter are being sent to all Working Interest Owners within the San Juan 29-6 Unit.

Very truly yours,

PACIFIC NORTHWEST PIPELINE CORPORATION


Claude Van Dyke
District Manager, Land Department

CVD: jc

PACIFIC NORTHWEST PIPELINE CORPORATION

SALT LAKE CITY, UTAH

September 19, 1957

REPLY TO:
P. O. Box 1526
SALT LAKE CITY 10, UTAH

Regional Supervisor
United States Geological Survey
P. O. Box 6721
Roswell, New Mexico

Commissioner of Public Lands
State of New Mexico
P. O. Box 791
Santa Fe, New Mexico

Oil Conservation Commission
State of New Mexico
P. O. Box 871
Santa Fe, New Mexico

Gentlemen:

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
TWENTY-SECOND EXPANDED PARTICIPATING
AREA FOR THE MESAVERDE FORMATION
Effective: September 1, 1957

Pursuant to Section 11 (a) of the San Juan 29-6 Unit Agreement, approved December 5, 1952, Pacific 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 and the participating area for the Mesaverde Formation is accordingly expanded.

The well data upon which this Twenty-second Expansion is based is as follows:

SAN JUAN 29-6 MESAVERDE WELL #44-26 ✓

LOCATION: 990' from South line and 1650' from West line of Section 26, T 29 N, R 6 W, N.M.P.M.

ELEVATION: 6340' (Ungraded ground)

SPUD DATE: June 20, 1957

CASING: 10 3/4" cemented at 215' with 200 sx
7 5/8" cemented at 3540' with 150 sx
5 1/2" cemented at 5630' with 200 sx

TOTAL DEPTH: 5631'

DRILLING METHODS: Drilled with mud to 7 5/8" casing point; drilled with gas from 7 5/8" casing point to total depth.

Twenty-second Expansion - Mesaverde
San Juan 29-6 Unit
September 19, 1957

COMPLETION METHOD: Perforated 5 1/2" casing. Aqua-fraced
(water only) Cliff House and Menefee intervals
from 5020' to 5200', and Point Lookout intervals
from 5404' to 5560'.

TUBING: 1 1/4" hung at 5547'

COMPLETION TEST DATA

DATE: August 28, 1957

SHUT-IN-PERIOD: 21 days

FINAL SHUT-IN Tubing 999#
PRESSURES: Casing 1102#

RATE THROUGH TUBING
AND 3/4" CHOKE AFTER
3 HOUR BLOW DOWN: 2026 Mcfgpd; CAOF 2151 Mcfgpd.

San Juan 29-6 Mesaverde Well #44-26 is located upon the drilling block described as the W/2 of Section 26, Township 29 North, Range 6 West. This drilling block, containing 320 acres, is hereby admitted to the participating area.

SAN JUAN 29-6 MESAVERDE WELL #55-18

LOCATION: 1650' from South line and 1550' from West
line of Section 18, T 29 N, R 6 W, N.M.P.M.

ELEVATION: 6272' (Ungraded ground)

SPUD DATE: July 13, 1957

CASING: 10 3/4" cemented at 225' with 200 sx
7 5/8" cemented at 3382' with 150 sx
5 1/2" cemented at 5542' with 150 sx

TOTAL DEPTH: 5543'

DRILLING METHODS: Drilled with mud to 7 5/8" casing point;
drilled with gas from 7 5/8" casing point
to total depth.

COMPLETION METHOD: Perforated 5 1/2" casing. Aqua-fraced
(water only) Cliff House and Menefee intervals
from 4876' to 5267', and Point Lookout intervals
from 5298' to 5462'.

TUBING: 1 1/4" hung at 5459'

Page 3
Twenty-second Expansion - Mesaverde
San Juan 29-6 Unit
September 19, 1957

COMPLETION TEST DATA

DATE: August 27, 1957
SHUT-IN-PERIOD 21 days
FINAL SHUT-IN Tubing 984 #
PRESSURES: Casing 1073 #
RATE THROUGH TUBING
AND 3/4" CHOKE AFTER
3 HOUR BLOW DOWN: 2287 Mcfgpd; CAOF 20,780 Mcfgpd.

San Juan 29-6 Mesaverde Well #55-18 is located upon the drilling block described as the W/2 of Section 18, Township 29 North, Range 6 West. This drilling block, containing 320 acres, is hereby admitted to the participating area.

In addition, an intervening drilling block described as the E/2 of Section 18, Township 29 North, Range 6 West, is created by the completion of San Juan 29-6 Mesaverde Well #55-18 and the previous completion of San Juan 29-6 Mesaverde Well #4-17 located upon the drilling block described as the W/2 of Section 17, Township 29 North, Range 6 West. This intervening drilling block is hereby admitted to the Mesaverde Participating Area in accordance with the provisions of Section 11 of San Juan 29-6 Unit Agreement. This intervening drilling block contains 320 acres.

Also, an intervening drilling block described as the W/2 of Section 19, Township 29 North, Range 6 West, is created by the completion of San Juan 29-6 Mesaverde Well #55-18 and the previous completion of San Juan 29-6 Mesaverde Well #5-30 located upon the drilling block described as the W/2 of Section 30, Township 29 North, Range 6 West. This intervening drilling block is hereby admitted to the Mesaverde Participating Area in accordance with the provisions of Section 11 of San Juan 29-6 Unit Agreement. This intervening drilling block contains 320 acres.

Attached is Schedule XXIII showing the Twenty-second Expanded Participating Area for the Mesaverde Formation of San Juan 29-6 Unit Area. This describes the expanded participating area and shows the percentage of unitized substances allocated to each unitized tract.

Attached as Exhibit "A" is a plat of the San Juan 29-6 Unit Mesaverde Participating Area.

Copies of this letter and Schedule are being sent to all Working Interest Owners within the San Juan 29-6 Unit.

Very truly yours,

PACIFIC NORTHWEST PIPELINE CORPORATION

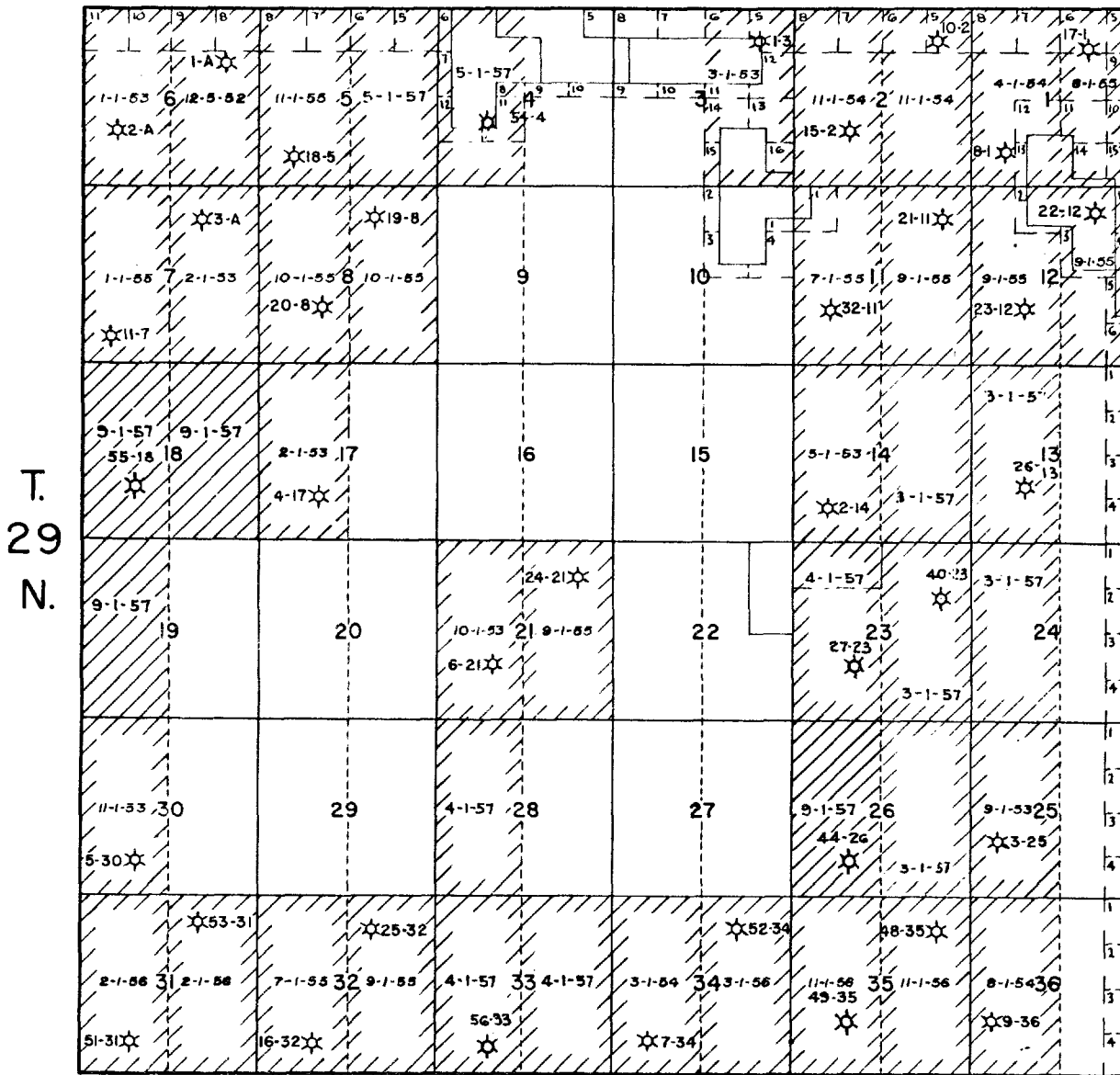


Claude Van Dyke
District Manager, Land Department

CVD:jc
Encls.

EXHIBIT "A"

R. 6 W.



SAN JUAN 29-6 UNIT

RIO ARRIBA COUNTY, NEW MEXICO

Mesaverde Participating Area

TWENTY SECOND REVISION EFFECTIVE SEPTEMBER 1, 1957

SCALE 1 inch = 1 mile



Participating area.



Drilling blocks added to participating area by this revision.

NOTE: Effective date of inclusion in this unit is shown in the following table.

PACIFIC NORTHWEST PIPELINE CORPORATION

SALT LAKE CITY, UTAH

May 15, 1957

REPLY TO:
P. O. Box 1526
SALT LAKE CITY 10, UTAH

Regional Supervisor
United States Geological Survey
P. O. Box 6721
Roswell, New Mexico

Commissioner of Public Lands
State of New Mexico
P. O. Box 791
Santa Fe, New Mexico

Oil Conservation Commission
State of New Mexico
P. O. Box 871
Santa Fe, New Mexico

Gentlemen:

Re: San Juan 29-6 Unit #14-08-001-439
San Juan County, New Mexico
NOTICE OF COMPLETION OF ADDITIONAL WELLS

Pursuant to Section 11 (a) of San Juan 29-6 Unit Agreement, Pacific 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 well data is as follows:

SAN JUAN 29-6 MESAVERDE WELL #28-24

LOCATION: 990' from South line and 1650' from West line of Section 24, T 29 N, R 6 W, N.M.P.M.

ELEVATION: 6764' (grd.)

SPUD DATE: February 15, 1957

CASING: 10 3/4" cemented at 239' with 200 sx
7 5/8" cemented at 3900' with 200 sx
5 1/2" cemented at 6066' with 150 sx

TOTAL DEPTH: 6066'

DRILLING METHODS: Drilled with mud to 7 5/8" casing point; drilled with gas from 7 5/8" casing point to total depth.

Notice of Completion of Additional Wells
San Juan 29-6 Unit

COMPLETION METHOD: Perforated 5 1/2" casing. Aqua-fraced
Cliff House intervals from 5484' to 5558',
Menefee intervals from 5614' to 5792',
Point Lookout intervals from 5870' to
6002'.

TUBING: 2" hung at 5956'

COMPLETION TEST DATA

DATE: April 2, 1957

SHUT-IN-PERIOD: 7 days

FINAL SHUT-IN-PRESSURES: Tubing 1098 #
Casing 1097 #

RATE THRU TUBING AND 4,193 Mcfgpd; CAOF 7882 Mcfgpd
3/4" CHOKE AFTER 3
HOUR BLOW DOWN:

San Juan 29-6 Mesaverde Well #28-24 is located upon the drilling block described as the W/2 of Section 24, Township 29 North, Range 6 West. This drilling block was included as an intervening drilling block in the Mesaverde Participating Area effective March 1, 1957.

SAN JUAN 29-6 MESAVERDE WELL #34-14

LOCATION: 990' from North line and 990' from
East line of Section 14, T 29 N,
R 6 W, N.M.P.M.

ELEVATION: 6764' (grd.)

SPUD DATE: March 5, 1957

CASING: 10 3/4" cemented at 221' with 200 sx
7 5/8" cemented at 3900' with 200 sx
5 1/2" cemented at 6070' with 150 sx

TOTAL DEPTH: 6073'

DRILLING METHODS: Drilled with mud to 7 5/8" casing point
drilled with gas from 7 5/8" casing point
to total depth.

Notice of Completion of Additional Wells
San Juan 29-6 Unit

COMPLETION METHOD: Perforated 5 1/2" casing. Aqua-fraced
Cliff House intervals from 5482' to 5568',
Menefee intervals from 5602' to 5824',
Point Lookout intervals from 5862'
to 6032'.

TUBING: 2" hung at 6007'

COMPLETION TEST DATA

DATE: April 4, 1957

SHUT-IN-PERIOD: 7 days

FINAL SHUT-IN-PRESSURES: Tubing 887 #
Casing 1110 #

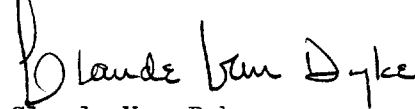
RATE THRU TUBING AND 3623 Mcfgpd; CAOF 7987 Mcfgpd
3/4" CHOKE AFTER 3
HOUR BLOW DOWN:

San Juan 29-6 Mesaverde Well #34-14 is located upon the drilling block described as the E/2 of Section 14, Township 29 North, Range 6 West. This drilling block was included as an intervening drilling block in the Mesaverde Participating Area effective March 1, 1957. The Mesaverde Participating Area is not enlarged by this letter and the present participation is as shown on Schedule XXII for the Twenty-first Expanded Participating Area for the Mesaverde Formation effective May 1, 1957.

Copies of this letter are being sent to all Working Interest Owners within the San Juan 29-6 Unit.

Very truly yours,

PACIFIC NORTHWEST PIPELINE CORPORATION



Claude Van Dyke
District Manager, Land Department

PACIFIC NORTHWEST PIPELINE CORPORATION

SALT LAKE CITY, UTAH

May 9, 1957

REPLY TO:
P. O. Box 1526
SALT LAKE CITY 10, UTAH

Regional Supervisor
United States Geological Survey
P. O. Box 6721
Roswell, New Mexico

Commissioner of Public Lands
State of New Mexico
P. O. Box 791
Santa Fe, New Mexico

Oil Conservation Commission
State of New Mexico
P. O. Box 871
Santa Fe, New Mexico

Gentlemen:

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
TWENTY-FIRST EXPANDED PARTICIPATING
AREA FOR THE MESAVERDE FORMATION
Effective: May 1, 1957

Pursuant to Section 11 (a) of the San Juan 29-6 Unit Agreement, approved December 5, 1952, Pacific Northwest Pipeline Corporation, as Unit Operator, has determined that an additional well capable of producing unitized substances in paying quantities from the Mesaverde Formation has been completed upon acreage committed to this unit and the participating area for the Mesaverde Formation is accordingly expanded.

The well data upon which this Twenty-first Expansion is based is as follows:

SAN JUAN 29-6 MESAVERDE WELL #54-4

LOCATION:	1800' from South line and 1550' from West line of Section 4, T 29 N, R 6 W, N.M.P.M.
ELEVATION:	6406' (Ungraded ground)
SPUD DATE:	March 10, 1957
CASING:	10 3/4" cemented at 238.64' with 245 sx 7 5/8" cemented at 3542.72' with 150 sx 5 1/2" cemented at 5697.03' with 150 sx
TOTAL DEPTH:	5697'
DRILLING METHODS:	Drilled with mud to 7 5/8" casing point; drilled with gas from 7 5/8" casing point to total depth.

file 417

Page 2
Twenty-first Expansion - Mesaverde
San Juan 29-6 Unit
May 9, 1957

COMPLETION METHOD: Perforated 5 1/2" casing. Aqua-fraced
(water only) Cliff House and Menefee intervals
from 5134' to 5484', and Point Lookout intervals
from 5504' to 5640'.

TUBING: 2 3/8" hung at 5629'

COMPLETION TEST DATA

DATE: April 23, 1957

SHUT-IN-PERIOD 24 days

FINAL SHUT-IN Tubing 1100 #
PRESSURES: Casing 1112 #

RATE THROUGH TUBING
AND 3/4" CHOKE AFTER
3 HOUR BLOW DOWN: 6089 Mcfgpd; CAOF 14,674 Mcfgpd.

San Juan 29-6 Mesaverde Well #54-4 is located upon the drilling block described as the W/2 of Section 4, Township 29 North, Range 6 West. This drilling block, containing 319.35 acres, is hereby admitted to the participating area.

In addition, an intervening drilling block described as the E/2 of Section 5, Township 29 North, Range 6 West, is created by the completion of San Juan 29-6 Mesaverde Well #54-4 and the previous completion of San Juan 29-6 Mesaverde Well #18-5 located upon the drilling block described as the W/2 of Section 5, Township 29 North, Range 6 West. This intervening drilling block is hereby admitted to the Mesaverde Participating Area in accordance with the provisions of Section 11 of San Juan 29-6 Unit Agreement. This intervening drilling block contains 318.60 acres.

Attached is Schedule XXII showing the Twenty-first Expanded Participating Area for the Mesaverde Formation of San Juan 29-6 Unit Area. This describes the expanded participating area and shows the percentage of unitized substances allocated to each unitized tract.

Attached as Exhibit "A" is a plat of the San Juan 29-6 Unit Mesaverde Participating Area

Copies of this letter and Schedule are being sent to all Working Interest Owners within the San Juan 29-6 Unit.

Very truly yours,

PACIFIC NORTHWEST PIPELINE CORPORATION



Claude Van Dyke
District Manager, Land Department

CVD:mdc
Encls.

PACIFIC NORTHWEST PIPELINE CORPORATION

SALT LAKE CITY, UTAH

April 9, 1957

REPLY TO:
P. O. Box 1526
SALT LAKE CITY 10, UTAH

Regional Supervisor
United States Geological Survey
P. O. Box 6721
Roswell, New Mexico

Commissioner of Public Lands
State of New Mexico
P. O. Box 791
Santa Fe, New Mexico

Oil Conservation Commission
State of New Mexico
P. O. Box 871
Santa Fe, New Mexico

Gentlemen:

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
TWENTIETH EXPANDED PARTICIPATING
AREA FOR THE MESAVERDE FORMATION
Effective: April 1, 1957

file 411

Pursuant to Section 11 (a) of the San Juan 29-6 Unit Agreement, approved December 5, 1952, Pacific Northwest Pipeline Corporation, as Unit Operator, has determined that additional wells capable of producing unitized substances in paying quantities from the Mesaverde Formation have been completed upon acreage committed to this unit and the participating area for the Mesaverde Formation is accordingly expanded.

The well data upon which this Twentieth Expansion is based is as follows:

SAN JUAN 29-6 MESAVERDE WELL #27-23

LOCATION:	1650' from South line and 1850' from West line of Section 23, T 29 N, R 6 W, N.M.P.M.
ELEVATION:	6706' (Ungraded ground)
SPUD DATE:	January 26, 1957
CASING:	10 3/4" cemented at 243' with 150 sx 7 5/8" cemented at 3808' with 150 sx 5 1/2" cemented at 5977' with 150 sx
TOTAL DEPTH:	5978'
DRILLING METHODS:	Drilled with mud to 7 5/8" casing point; drilled with gas from 7 5/8" casing point to total depth.

Page 2
Twentieth Expansion - Mesaverde
San Juan 29-6 Unit
April 9, 1957

COMPLETION METHOD: Perforated 5 1/2" casing. Aqua-fraced
(water only) Cliff House and Menefee intervals
from 5406' to 5754', and Point Lookout intervals
from 5796' to 5926'.

TUBING: 2" hung at 5873'.

COMPLETION TEST DATA

DATE: March 20, 1957

SHUT-IN-PERIOD: 15 days

FINAL SHUT-IN Tubing 1100 #
PRESSURES: Casing 1104 #

RATE THROUGH TUBING
AND 3/4" CHOKE AFTER
3 HOUR BLOW DOWN: 5055 Mcfgpd; CAOF 8723 Mcfgpd.

SAN JUAN 29-6 MESAVERDE WELL #56-33

LOCATION: 790' from South line and 1650' from West line
of Section 33, T 29 N, R 6 W, N.M.P.M.

ELEVATION: 6737' (Ungraded ground)

SPUD DATE: February 18, 1957.

CASING: 10 3/4" cemented at 215' with 200 sx
7 5/8" cemented at 3860' with 150 sx
5 1/2" cemented at 5989' with 150 sx

TOTAL DEPTH: 5989'

DRILLING METHODS: Drilled with mud to 7 5/8" casing point;
drilled with gas from 7 5/8" casing point
to total depth.

COMPLETION METHOD: Perforated 5 1/2" casing. Aqua-fraced
(water only) Cliff House and Menefee intervals
from 5340' to 5700' and Point Lookout intervals
from 5794' to 5966'.

TUBING: 2" hung at 5954'

Page 3
Twentieth Expansion - Mesaverde
San Juan 29-6 Unit
April 9, 1957

COMPLETION TEST DATA

DATE: March 27, 1957
SHUT-IN-PERIOD: 7 days
FINAL SHUT-IN PRESSURES: Tubing 1087 #
Casing 1087 #
RATE THROUGH TUBING
AND 3/4" CHOKE AFTER
3 HOUR BLOW DOWN: 5,606 Mcfgpd; CAOF 18,406 Mcfgpd.

San Juan 29-6 Mesaverde Well #27-23 is located upon the drilling block described as the W/2 of Section 23, Township 29 North, Range 6 West. This drilling block, containing 320 acres, is hereby admitted to the participating area.

San Juan 29-6 Mesaverde Well #56-33 is located upon the drilling block described as the W/2 of Section 33, Township 29 North, Range 6 West. This drilling block, containing 320 acres, is hereby admitted to the participating area.

In addition, an intervening drilling block described as the E/2 of Section 33, Township 29 North, Range 6 West, is created by the completion of San Juan 29-6 Mesaverde Well #56-33 and the previous completion of San Juan 29-6 Mesaverde Well #7-34 located upon the drilling block described as the W/2 of Section 34, Township 29 North, Range 6 West. Also, an intervening drilling block described as the W/2 of Section 28, Township 29 North, Range 6 West is created by the completion of San Juan 29-6 Mesaverde Well #56-33 and the previous completion of San Juan 29-6 Mesaverde Well #6-21 located upon the drilling block described as the W/2 of Section 21, Township 29 North, Range 6 West. These intervening drilling blocks are hereby admitted to the Mesaverde Participating Area in accordance with the provisions of Section 11 of San Juan 29-6 Unit Agreement. Each of these intervening drilling blocks contain 320 acres.

Attached is Schedule XXI showing the Twentieth Expanded Participating Area for the Mesaverde Formation of San Juan 29-6 Unit Area. This describes the expanded participating area and shows the percentage of unitized substances allocated to each unitized tract.

Attached as Exhibit "A" is a plat of the San Juan 29-6 Unit Mesaverde Participating Area.

Copies of this letter and Schedule are being sent to all Working Interest Owners within the San Juan 29-6 Unit.

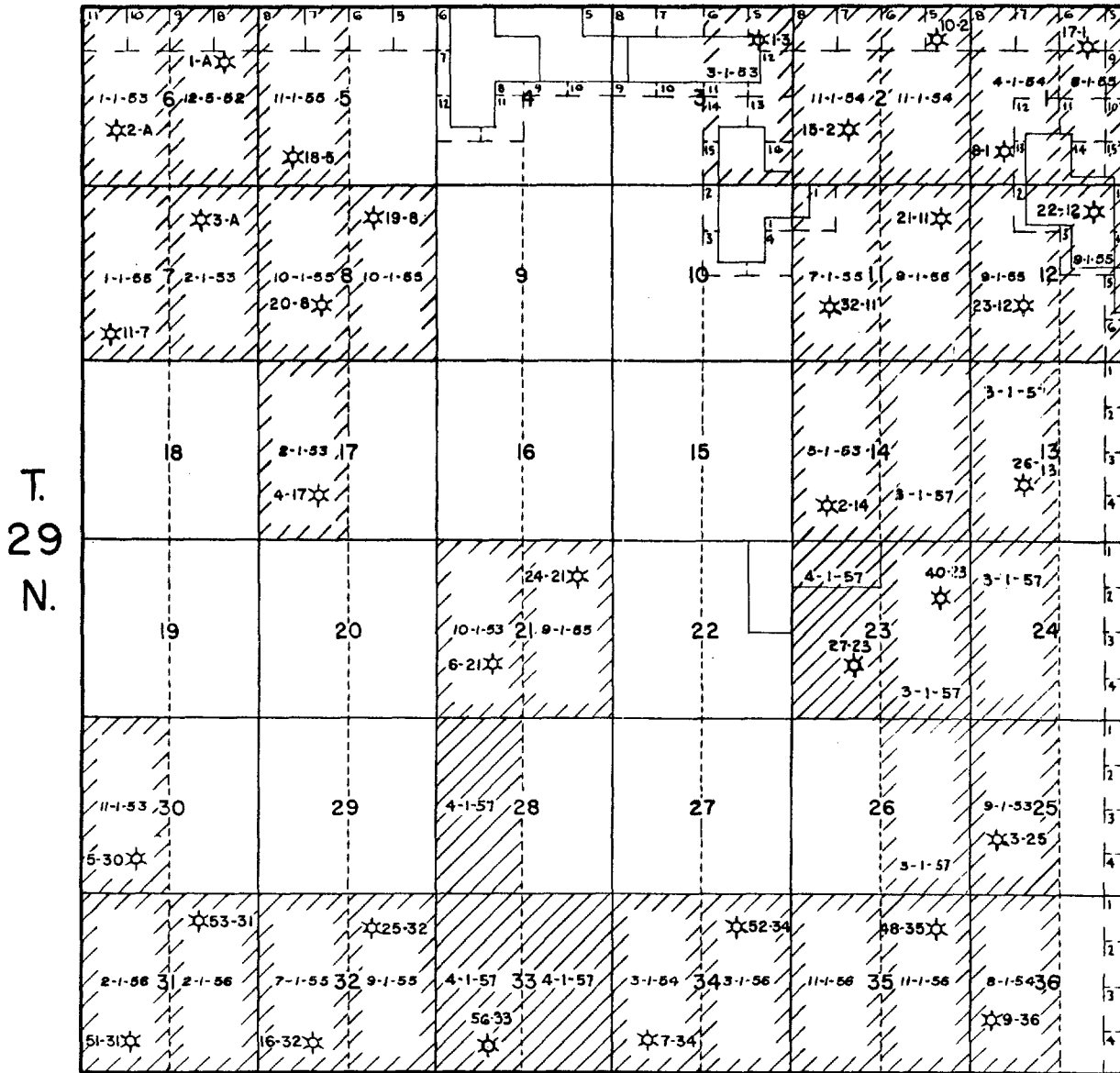
Very truly yours,

PACIFIC NORTHWEST PIPELINE CORPORATION
Claude Van Dyke
Claude Van Dyke
District Manager, Land Department

CVD:mde
Encls.

EXHIBIT "A"

R. 6 W.



SAN JUAN 29-6 UNIT

RIO ARRIBA COUNTY, NEW MEXICO

Mesaverde Participating Area

TWENTIETH REVISION EFFECTIVE APRIL 1, 1957

SCALE 1 inch = 1 mile



Participating area.



Drilling blocks added to participating area by this revision.

NOTE: Effective date of inclusion is shown on each drilling block admitted to participation.

PACIFIC NORTHWEST PIPELINE CORPORATION

SALT LAKE CITY, UTAH

March 13, 1957

REPLY TO:
P. O. Box 1526
SALT LAKE CITY 10, UTAH

Regional Supervisor
United States Geological Survey
P. O. Box 6721
Roswell, New Mexico

Commissioner of Public Lands
State of New Mexico
P. O. Box 791
Santa Fe, New Mexico

Oil Conservation Commission
State of New Mexico
P. O. Box 871
Santa Fe, New Mexico

Gentlemen:

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
NINETEENTH EXPANDED PARTICIPATING
AREA FOR THE MESAVERDE FORMATION
Effective: March 1, 1957

Pursuant to Section 11 (a) of the San Juan 29-6 Unit Agreement, approved December 5, 1952, Pacific Northwest Pipeline Corporation, as Unit Operator, has determined that additional wells capable of producing unitized substances in paying quantities from the Mesaverde Formation have been completed upon acreage committed to this unit and the participating area for the Mesaverde Formation is accordingly expanded.

The well data upon which this Nineteenth Expansion is based is as follows:

SAN JUAN 29-6 MESAVERDE WELL #26-13

LOCATION: 1700' from South line and 1550' from West line
of Section 13, T 29 N, R 6 W, N.M.P.M.

ELEVATION: 6767.80' (D.F.)

SPUD DATE: December 22, 1956

CASING: 10 3/4" cemented at 201' with 250 sx
7 5/8" cemented at 3831' with 200 sx
5 1/2" cemented at 6065' with 150 sx

TOTAL DEPTH: 6014'

DRILLING METHODS: Drilled with mud to 7 5/8" casing point;
drilled with gas from 7 5/8" casing point to
total depth.

Page 2
Nineteenth Expansion - Mesaverde
San Juan 29-6 Unit
March 13, 1957

COMPLETION METHOD: Perforated 5 1/2" casing. Aqua-fraced
(water only) Cliff House and Menefee intervals
from 5472' to 5792', and Point Lookout intervals
from 5852' to 5970'.

TUBING: 2" hung at 5892'

COMPLETION TEST DATA

DATE: February 4, 1957

SHUT-IN-PERIOD: 7 days

FINAL SHUT-IN Tubing 1084 #
PRESSURES: Casing 1086 #

RATE THROUGH TUBING
AND 3/4" CHOKE AFTER
3 HOUR BLOW DOWN: 5347 Mcfgpd; CAOF 14,523 Mcfgpd.

SAN JUAN 29-6 MESAVERDE WELL #40-23

LOCATION: 1650' from North line and 890' from East line
of Section 23, T 29 N, R 6 W, N.M.P.M.

ELEVATION: 6730' (D.F.)

SPUD DATE: January 11, 1957

CASING: 10 3/4" cemented at 201' with 175 sx
7 5/8" cemented at 3849' with 250 sx
5 1/2" cemented at 6040' with 150 sx

TOTAL DEPTH: 6040'

DRILLING METHODS: Drilled with mud to 7 5/8" casing point;
drilled with gas from 7 5/8" casing point to
total depth.

COMPLETION METHOD: Perforated 5 1/2" casing. Aqua-fraced
(water only) Cliff House and Menefee intervals
from 5430' to 5688' and Point Lookout intervals
from 5826' to 5950'.

TUBING: 2" hung at 5930'

COMPLETION TEST DATA

DATE: February 13, 1957

SHUT-IN-PERIOD: 7 days

FINAL SHUT-IN PRESSURES: Tubing 1076 #
Casing 1093 #

RATE THROUGH TUBING
AND 3/4" CHOKE AFTER
3 HOUR BLOW DOWN: 4,622 Mcfgpd; CAOF 11,416 Mcfgpd.

San Juan 29-6 Mesaverde Well #26-13 is located upon the drilling block described as the W/2 of Section 13, Township 29 North, Range 6 West. This drilling block is hereby admitted to the participating area.

San Juan 29-6 Mesaverde Well #40-23 is located upon the drilling block described as the E/2 of Section 23, Township 29 North, Range 6 West. This drilling block is hereby admitted to the participating area.

In addition, an intervening drilling block described as the E/2 of Section 14, Township 29 North, Range 6 West, is created by the completion of San Juan 29-6 Mesaverde Well #26-13 and the previous completion of San Juan 29-6 Mesaverde Well #2-14 located upon the drilling block described as the W/2 of Section 14, Township 29 North, Range 6 West. Also, an intervening drilling block described as the W/2 of Section 24, Township 29 North, Range 6 West is created by the completion of San Juan 29-6 Mesaverde Well #26-13 and the previous completion of San Juan 29-6 Mesaverde Well #3-25 located upon the drilling block described as the W/2 of Section 25, Township 29 North, Range 6 West. Also, an intervening drilling block described as the E/2 of Section 26, Township 29 North, Range 6 West is created by the completion of San Juan 29-6 Mesaverde Well #40-23 and the previous completion of San Juan 29-6 Mesaverde Well #48-35 located upon the drilling block described as the E/2 of Section 35, Township 29 North, Range 6 West. These intervening drilling blocks are hereby admitted to the Mesaverde Participating Area in accordance with the provisions of Section 11 of San Juan 29-6 Unit Agreement.

Attached is Schedule XX showing the Nineteenth Expanded Participating Area for the Mesaverde Formation of San Juan 29-6 Unit Area. This describes the expanded participating area and shows the percentage of unitized substances allocated to each unitized tract.

Attached as Exhibit "A" is a plat of the San Juan 29-6 Unit Mesaverde Participating Area.

Copies of this letter and Schedule are being sent to all Working Interest Owners within the San Juan 29-6 Unit.


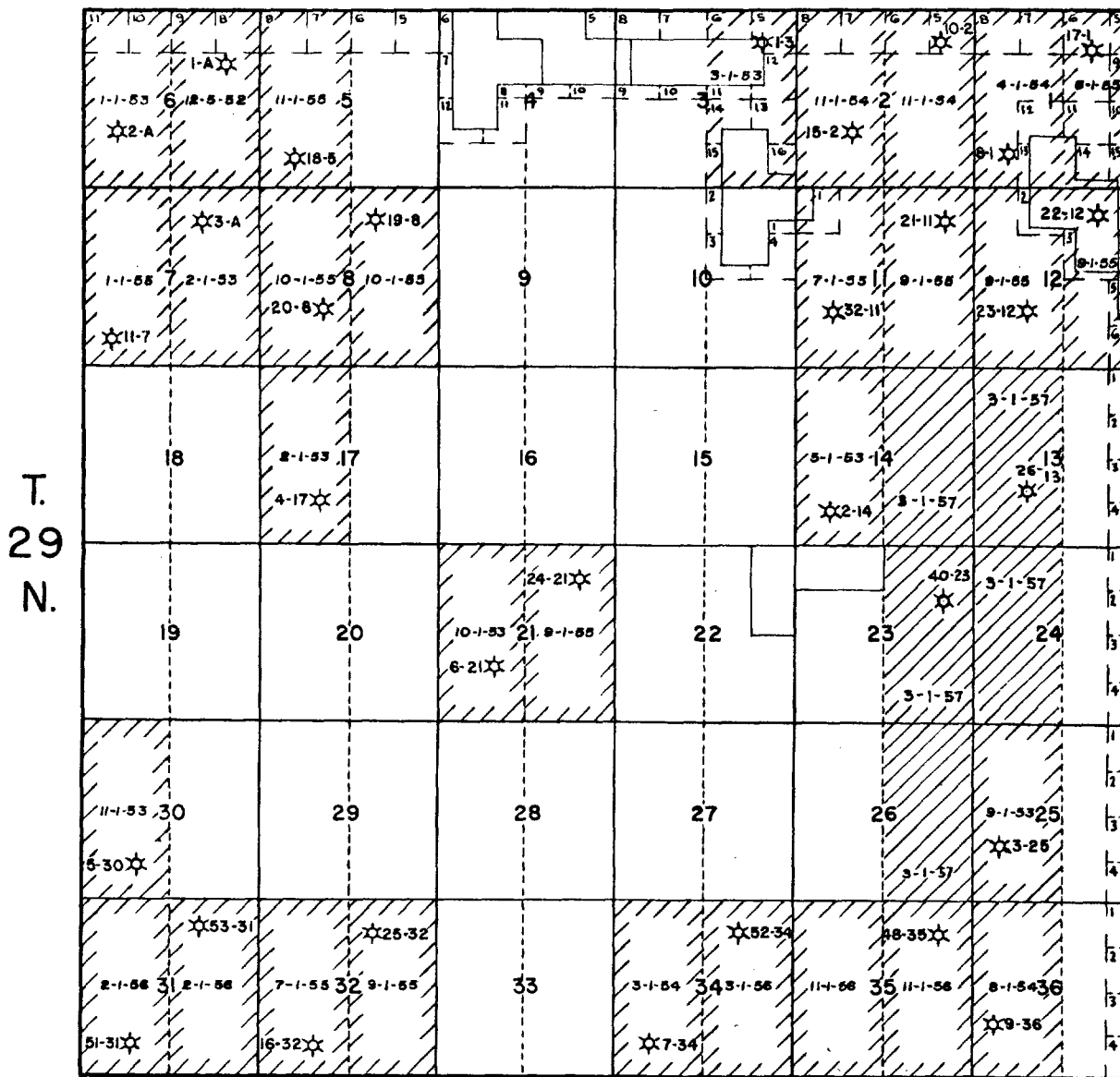
Very truly yours,
PACIFIC NORTHWEST PIPELINE CORPORATION

Donald L. Anderson
District Manager, Land Department

EXHIBIT "A"

R. 6 W.



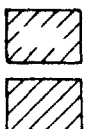
SAN JUAN 29-6 UNIT

RIO ARRIBA COUNTY, NEW MEXICO

Mesaverde Participating Area

Nineteenth Revision Effective March 1, 1957

SCALE 1 inch = 1 mile



Participating area.

Drilling blocks added to participating area by this revision.

NOTE: Effective date of inclusion is shown on each drilling block.

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PACIFIC NORTHWEST PIPELINE CORPORATION

SALT LAKE CITY, UTAH

November 29, 1956

REPLY TO:
P. O. Box 1526
SALT LAKE CITY 10, UTAH

Regional Supervisor
United States Geological Survey
P. O. Box 6721
Roswell, New Mexico

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
EIGHTEENTH EXPANDED PARTICIPATING
AREA FOR THE MESAVERDE FORMATION
Effective: November 1, 1956

Commissioner of Public Lands
State of New Mexico
P. O. Box 791
Santa Fe, New Mexico

Oil Conservation Commission
State of New Mexico
P. O. Box 871
Santa Fe, New Mexico

Gentlemen:

Pursuant to Section 11 (a) of the San Juan 29-6 Unit Agreement, approved December 5, 1952, Pacific Northwest Pipeline Corporation, as Unit Operator, has determined that an additional well capable of producing unitized substances in paying quantities from the Mesaverde Formation has been completed upon acreage committed to this unit and the participating area for the Mesaverde Formation is accordingly expanded.

The well data upon which this Eighteenth Expansion is based is as follows:

SAN JUAN 29-6 MESAVERDE WELL #48-35

LOCATION:	990' from North line and 990' from East line of Section 35, T 29 N, R 6 W, N.M.P.M.
ELEVATION:	6366' (grd.)
SPUD DATE:	August 26, 1956
CASING:	10 3/4" cemented at 175' with 150 sx 7 5/8" cemented at 3518' with 200 sx 5 1/2" cemented at 5670' with 150 sx
TOTAL DEPTH:	5670'
DRILLING METHODS:	Drilled with mud to 7 5/8" casing point; drilled with gas from 7 5/8" casing point to total depth.

COMPLETION METHOD: Perforated 5 1/2" casing. Aqua-fraced (water only) Cliff House intervals from 5052' to 5128' and Menefee intervals from 5206' to 5362', Lower Point Lookout intervals from 5552' to 5626' and Upper Point Lookout intervals from 5442' to 5524'.

TUBING: 2" hung at 5626'

COMPLETION TEST DATA

DATE: October 11, 1956

SHUT-IN-PERIOD: 7 days

FINAL SHUT-IN-PRESSURES: Tubing 1059 #
Casing 1065 #

RATE THROUGH TUBING AND 3/4" CHOKE AFTER 3 HOUR BLOW DOWN: 3,872 Mcfgpd; CAOF 5,328 Mcfgpd.

San Juan 29-6 Mesaverde Well #48-35 is located upon the drilling block described as the E/2 of Section 35, Township 29 North, Range 6 West. This drilling block is hereby admitted to the participating area. In addition, an intervening drilling block described as the W/2 of Section 35, Township 29 North, Range 6 West, is created by the completion of San Juan 29-6 Mesaverde Well #48-35 and the previous completion of San Juan 29-6 Mesaverde Well #52-34 located upon the drilling block described as the E/2 of Section 34, Township 29 North, Range 6 West. This intervening drilling block is hereby admitted to the Mesaverde Participating Area in accordance with the provisions of Section 11 of San Juan 29-6 Unit Agreement.

Attached is Schedule XIX showing the Eighteenth Expanded Participating Area for the Mesaverde Formation of San Juan 29-6 Unit Area. This describes the expanded participating area and shows the percentage of unitized substances allocated to each unitized tract.

A change of ownership of the Working Interest in Tract No. 8 has occurred, effective July 1, 1956. This change of ownership has been incorporated in the attached schedule.

Attached as Exhibit "A" is a plat of the San Juan 29-6 Unit, Mesaverde Participating Area.

Copies of this letter and schedule are being sent to all Working Interest Owners within the San Juan 29-6 Unit.

Very truly yours,

PACIFIC NORTHWEST PIPELINE CORPORATION


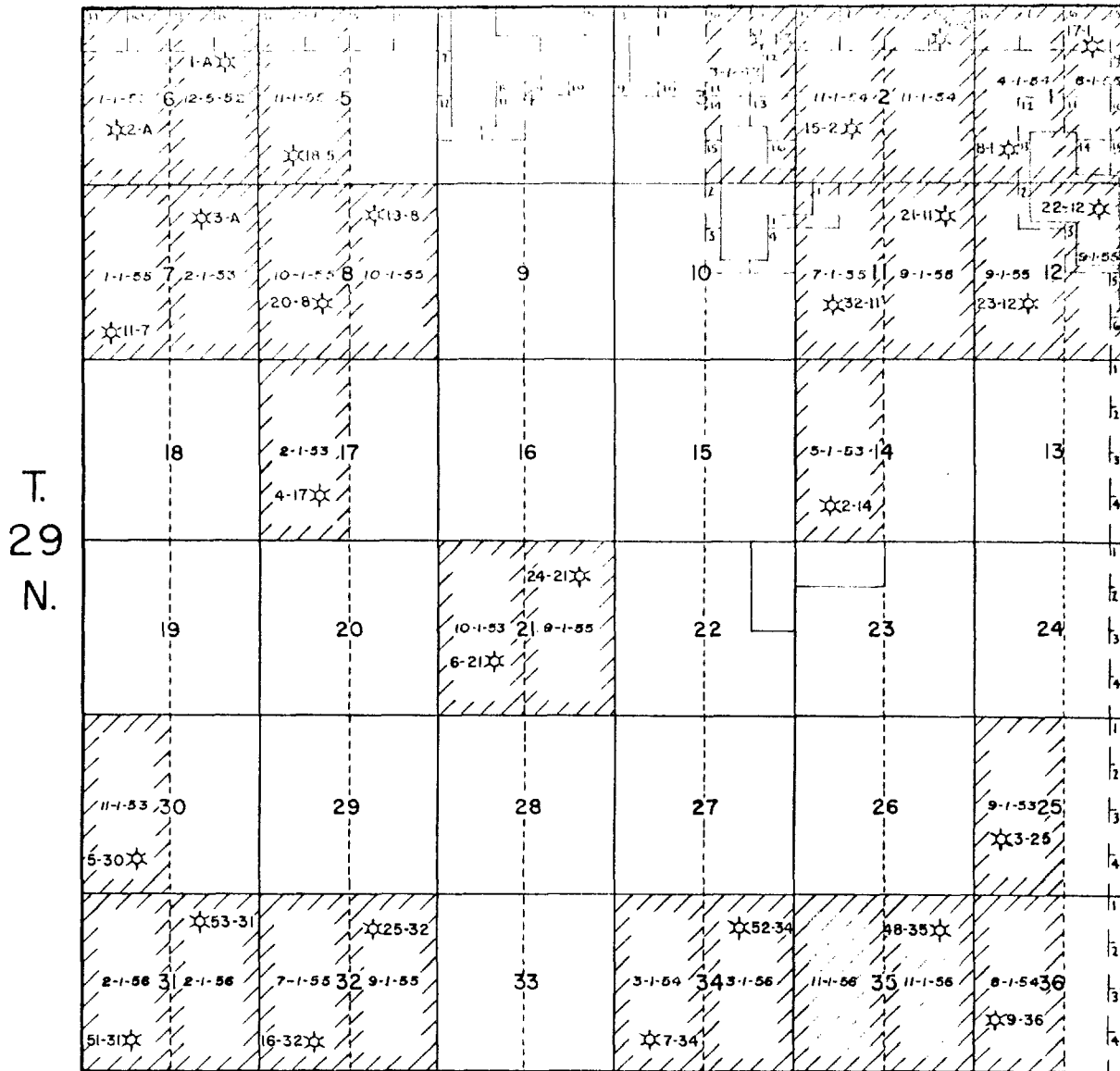

Donald L. Anderson
District Manager, Land Department

EXHIBIT "A"

R. 6 W.



SAN JUAN 29-6 UNIT

RIO ARRIBA COUNTY, NEW MEXICO

Mesaverde Participating Area

Eighteenth Revision Effective November 1, 1956

SCALE 1 inch = 1 mile



Participating area.



Drilling blocks added to participating area by this revision.

NOTE: Effective date of inclusion is shown on each drilling block admitted to participating area.

PACIFIC NORTHWEST PIPELINE CORPORATION

SALT LAKE CITY, UTAH

October 10, 1956

file
REPLY TO:
P. O. Box 1526
SALT LAKE CITY 10, UTAH

Regional Supervisor
United States Geological Survey
Post Office Box 6721
Roswell, New Mexico

Re: San Juan 29-6 Unit #14-08-001-439
Rio Arriba County, New Mexico
NOTICE OF COMPLETION OF ADDITIONAL
WELL

Commissioner of Public Lands
State of New Mexico
Post Office Box 791
Santa Fe, New Mexico

Oil Conservation Commission
State of New Mexico
Post Office Box 871
Santa Fe, New Mexico

Gentlemen:

Pursuant to Section 11 (a) of San Juan 29-6 Unit Agreement, Pacific Northwest Pipeline Corporation, as Unit Operator, has determined that an additional well capable of producing unitized substances in paying quantities from the Mesaverde Formation has been completed upon acreage committed to this unit.

The well data is as follows:

SAN JUAN 29-6 MESAVERDE WELL #53-31

LOCATION:	790' from North line and 1730' from East line of Section 31, T 29 N, R 6 W, N.M.P.M.
ELEVATION:	6428' (grd.)
SPUD DATE:	July 30, 1956
CASING:	10 3/4" cemented at 220' with 175 sx 7 5/8" cemented at 3425' with 200 sx 5 1/2" cemented at 5645' with 200 sx
TOTAL DEPTH:	5645'
DRILLING METHODS:	Drilled with mud to 7 5/8" casing point; drilled with gas from 7 5/8" casing point to total depth

San Juan 29-6 Unit

October 10, 1956

COMPLETION METHOD: Perforated 5 1/2" casing and aquafraced (water only) Lower Point Lookout intervals from 5550' to 5600', Upper Point Lookout intervals from 5464' to 5514', Menefee intervals from 5172' to 5376' and Cliff House intervals from 5034' to 5136'.

TUBING: 2" hung at 5579'

COMPLETION TEST DATA

DATE: September 11, 1956

SHUT-IN-PERIOD: 7 days

FINAL SHUT-IN-PRESSURES: Tubing 1103 #
Casing 1115 #

RATE THROUGH TUBING AND 3/4" CHOKE AFTER 3 HOUR BLOW DOWN: 6,395 MCFGPD; CAOF 17,925 MCFGPD

San Juan 29-6 Mesaverde Well #53-31 is located upon the drilling block described as the E/2 of Section 31, Township 29 North, Range 6 West. This drilling block was included as an intervening drilling block in the Mesaverde Participating Area effective February 1, 1956. Therefore, the Mesaverde Participating Area is not enlarged and the present participation is as shown on Schedule XVIII for the Seventeenth Expanded Participating Area for the Mesaverde Formation, effective March 1, 1956.

Copies of this letter are being sent to all Working Interest Owners within the San Juan 29-6 Unit.

Very truly yours,

PACIFIC NORTHWEST PIPELINE CORPORATION



Donald L. Anderson, District Manager
Land Department

DLA:mb