

Bureau of Land Management
Albuquerque District Office
Minerals Division
P.O. Box 6770
Albuquerque, NM 87197-6770

APR 09 1986

Gallegos Canyon
Unit POD
3180 (015)

Amoco Production Company
ATTN: R.J. Criswell
P.O. Box 800
Denver, CO 80201

Gentlemen:

An approved copy of your 1986 Plan of Development for the Gallegos Canyon Unit area, San Juan County, New Mexico is enclosed. Such plan, proposing to drill eight Pictured Cliffs and seven Fruitland wells with the locations to be submitted under a supplemental plan when the locations are finalized. No permits to drill will be approved until the supplemental plan is approved.

The plan is approved this date subject to like approval by the appropriate officials of the State of New Mexico.

The possibility of drainage by wells outside of the unit boundary may exist. You will be contacted at a later date about this possibility.

If you have any questions, please contact Robert Kent at the above address or telephone (505) 766-2841.

Sincerely,

For District Manager

Enclosure(s)

cc:

Micrographics 943B-1

Fluids Section FRAH

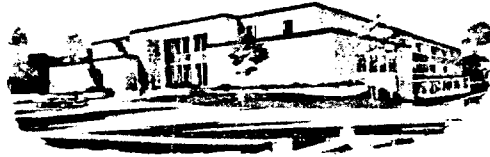
✓ NMOCD, Santa Fe

Comm. of Pub. Lands, Santa Fe

O&G Chron

015:RKent:klm:4-1-86:1700M

State of New Mexico



JIM BACA
COMMISSIONER

Commissioner of Public Lands

March 31, 1986

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148
Express Mail Delivery Uses
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

Amoco Production Company
Attn: Mr. R. J. Criswell
P. O. Box 800
Denver, Colorado 80201

Re: 1986 Plan of Development
Gallegos Canyon Unit
Pictured Cliffs, Farmington and
Fruitland Formations
San Juan County, New Mexico

Gentlemen:

The Commissioner of Public Lands has this date approved your 1986 plan of development for the Gallegos Canyon Unit area, San Juan County, New Mexico. Such plan advises that BHP anticipates submitting locations for eight Pictured Cliffs wells and seven Fruitland wells for a drilling program to commence this summer. It is our understanding that BHP will submit a supplemental plan of development once the locations have been finalized. Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Enclosed is an approved copy for your files.

Very truly yours,
JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: *Floyd O. Prando*

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

JB/FOP/pm

encls.

cc: OCD-Santa Fe, New Mexico

BLM-Albuquerque, New Mexico Attn: Fluids Branch



Amoco Production Company

Denver Region
1670 Broadway
P.O. Box 800
Denver, Colorado 80201
303-830-4040

R. J. Criswell
Division Production Manager
March 12, 1986

File: JTM-068-416

Bureau of Land Management
P. O. Box 1449
Santa Fe, New Mexico 87501

Bureau of Land Management
P. O. Box 6770
Albuquerque, NM 87197-6770

New Mexico State Land Office
Oil and Gas Development
P. O. Box 1148
Santa Fe, NM 87501-1148

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

Office of District Engineer
Bureau of Land Management
P. O. Box 959
Farmington, NM 87401

Re: 1986 Plan of Development
Gallegos Canyon Unit
Pictured Cliffs, Farmington and
Fruitland Formations
San Juan County, New Mexico

Gentlemen:

Amoco Production Company, as Operator of the Gallegos Canyon Unit, on behalf of BHP Petroleum (Americas) Inc., the Sub-Operator of certain unit lands, proposes a plan of development for the captioned formations as follows:

1985 Activity

Reference is made to the 1985 Plan of Development and amendments thereto. The proposed twelve unit wells were drilled and completed with the following being the current status of each:

<u>Well</u>	<u>Formation</u>	<u>Status</u>
350	Pictured Cliffs	Producing
351	Fruitland	Producing
352	Pictured Cliffs	Waiting-on-Pipeline
353	Pictured Cliffs	Producing
354	Pictured Cliffs	Waiting-on-Pipeline
355	Pictured Cliffs	Producing
356	Fruitland	Waiting-on-Pipeline
357	Fruitland	Producing
358	Fruitland	Producing
359	Fruitland	Producing
360	Fruitland	Producing
361	Fruitland	Producing

1986 Plan of Development
Gallegos Canyon Unit
Page Two

Total cumulative and 1985 production is as follows:

<u>Formation</u>	<u>1985 Production MMF</u>	<u>Cum. Production 1/1/86, MMF</u>
Pictured Cliffs	5,874.805	73,332.224
Fruitland	500.761*	1,160.718*
Farmington	8.220	41.460

*Note that this production is from the Fruitland Formation wells operated by BHP and does not include the production from the initial Fruitland PA operated by Amoco. BHP is currently awaiting final approval of numerous participating areas involving the Fruitland wells completed in 1985.

1986 Plan of Development

To date, no specific well locations have been proposed to the working interest owners, but BHP anticipates submitting locations for eight (8) Pictured Cliffs wells and seven (7) Fruitland wells for a drilling program to commence this summer. BHP will submit a supplemental plan of development once locations have been finalized. These locations will be limited to the lands which BHP sub-operators and do not include any additional proposals which AMOCO might submit to the unit working interest owners.

We respectfully submit this plan of development and request your approval of same. Please provide notice to both Amoco and BHP upon your approval of the plan.

Sincerely,

R. J. Criswell, Jr.

AMOCO Production Company

cc: BHP Petroleum



TONEY ANAYA
GOVERNOR

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION



1935 - 1985

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-5800

March 18, 1986

Amoco Production Company
P. O. Box 800
Denver, Colorado 80201

Attention: R. J. Criswell

Re: 1986 Plan of Development
Gallegos Canyon Unit
Pictured Cliffs, Farmington and
Fruitland Formations
San Juan County, New Mexico

Gentlemen:

The above-referenced submittal has been approved by the New Mexico Oil Conservation Division effective this date. Such approval is contingent upon like approval by the New Mexico Commissioner of Public Lands and the Bureau of Land Management.

Sincerely,

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

ROY E. JOHNSON,
Senior Petroleum Geologist

REJ/dr

cc: Commissioner of Public Lands - Santa Fe
Bureau of Land Management - Albuquerque
OCD District Office - Aztec



TONY ANAYA
GOVERNOR

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

50 YEARS



1935 - 1985

March 5, 1986

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-5800

Amoco Production Co.
P. O. Box 800
Denver, Colorado 80201


Attention: R. J. Criswell

Re: Fruitland Participating Area
Revision for #341, #344, #346 and #347 Wells
New Application for #351 and #356 Through
#361 Wells, Gallegos Canyon Unit
San Juan County, New Mexico

Gentlemen:

The above-referenced submittal has been approved by the New Mexico Oil Conservation Division effective this date. Such approval is contingent upon like approval by the New Mexico Commissioner of Public Lands and the Bureau of Land Management.

Sincerely,


ROY E. JOHNSON,
Senior Petroleum Geologist

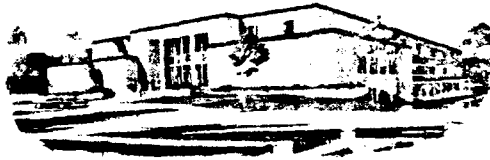
REJ/dr

cc: Commissioner of Public Lands - Santa Fe
Bureau of Land Management - Albuquerque
OCD District Office - Aztec

State of New Mexico



JIM BACA
COMMISSIONER



Commissioner of Public Lands

April 11, 1986

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148
Express Mail Delivery Uses
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

BHP Petroleum
Attn: Mr. William J. Fiant
P. O. Box 3280
Casper, Wyoming 82402

Re: Change of Well Ownership:
Gallegos Canyon Unit Well No. 343
1055' FSL 805' FEL Section 24,
T29N-R13W, San Juan County, New
Mexico

Gentlemen:

This office is in receipt of your letter of April 7, 1986, advising us that you intend to turn the above captioned well over to the mineral interest owner in lieu of plugging and abandonment.

You also, advise that this well was completed in the Farmington Sand as a noncommercial well and the mineral surface owner, (Bolack Minerals Company), has expressed a desire to take over responsibility of the well to provide fuel for their adjacent ranching/farming operations.

Please be advised that the Commissioner of Public Lands does not have any objections to your proposed request. Inasmuch as the Gallegos Canyon Unit also contains federal lands, please also advise the Bureau of Land Management.

If we may be of further help please do not hesitate to call on us.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS
BY: *Floyd O. Prando*

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

JB/FCP/pm

encls.

cc: JCO-Santa Fe, New Mexico

31-M-Albuquerque, New Mexico Attn: Fluids Branch

#247



10 October 1985

Bureau of Land Management
P. O. Box 1449
Santa Fe, NM 87501

Bureau of Land Management
P. O. Box 6770
Albuquerque, NM 87197-6770

New Mexico State Land Office
Oil and Gas Development
P. O. Box 1148
Santa Fe, NM 87501-1148

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

Office of District Engineer
Bureau of Land Management
P. O. Box 959
Farmington, NM 87401


Re: Amended Plan of Development
#351 Unit Well
Township 28 North, Range 12 West
Section 10: SESE
Gallegos Canyon Unit
San Juan County, New Mexico

Gentlemen:

Reference is made to the Plan of Development for 1985 on the captioned unit dated April 8, 1985.

Please be advised that the #351 well originally projected for completion in the Pictured Cliffs formation has been abandoned as to the Pictured Cliffs, but was recompleted in the Fruitland Formation. Our application for participating area approval of the Fruitland well will be submitted in the near future.

Very truly yours,


Bernard A. Wirth
Land Manager
Western Region

BAW:dma

cc: AMOCO
R. Gillespie
P. Bertoglio
D. Wood

State of New Mexico



JIM BACA
COMMISSIONER

Commissioner of Public Lands

October 17, 1985

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148
Express Mail Delivery Used
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

BHP Petroleum Inc.
P. O. Box 1407
Denver, Colorado 80201

Re: Amended Plan of Development
Gallegos Canyon Unit
Well No. 351
San Juan County, New Mexico

ATTENTION: Mr. Bernard A. Wirth

Gentlemen:

The Commissioner of Public Lands has this date approved your Amended Plan of Development for the Gallegos Canyon Unit Area, San Juan County, New Mexico. Such plan amends the Supplemental 1985 Plan of Development previously submitted by Amoco Production Company dated April 8, 1985. Your amended plan advises that the Unit Well No. 351 was originally projected for completion in the Pictured Cliffs formation but has subsequently been abandoned as to the Pictured Cliffs, and was recompleted in the Fruitland formation. Please submit a copy of your Fruitland Participating area concurrently with the Bureau of Land Management. Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Enclosed is an approved copy for your files.

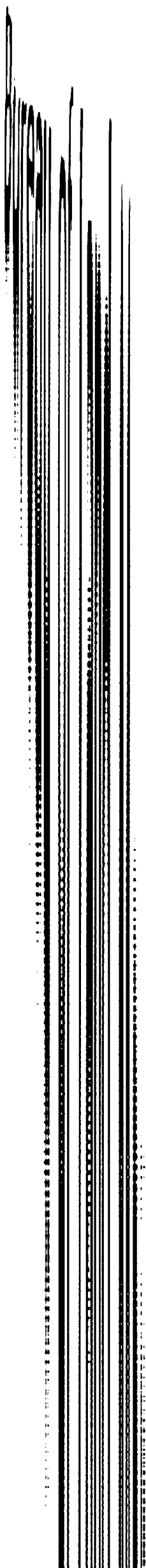
Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: *Floyd O. Prando*
FLOYD O. PRANDO, Assistant Director
Oil and Gas Division
AC 505/827-5744

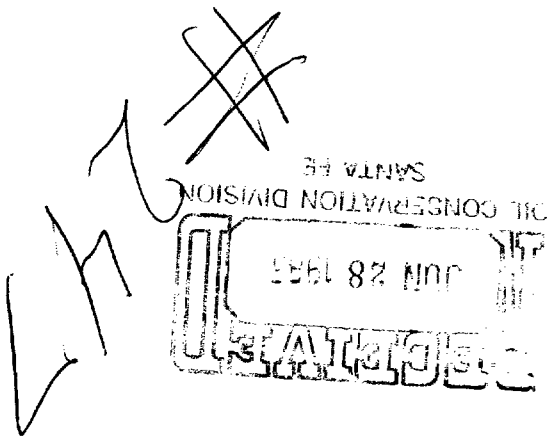
JB/RDG/pm
encls.

cc: OCD-Santa Fe, New Mexico
BLM-Albuquerque, New Mexico Attn: Fluids Branch
BLM-Roswell, New Mexico Attn: Mr. Armando Lopez



Bureau of Land Management
Albuquerque District Office
Minerals Division
P.O. Box 6770
Albuquerque, NM 87197-6770

JUN 26 1985



Amoco Production Company
Attention: R.J. Criswell
P.O. Box 800
Denver, CO 80201

Gentlemen:

An approved copy of your amended 1985 Plan of Development for the Callegos Canyon Unit area, San Juan County, New Mexico is enclosed. Such plan, proposing the drilling of six Pictured Cliffs wells and six Fruitland wells, is approved this date subject to like approval by the appropriate officials of the State of New Mexico.

If you have any questions, please contact Robert Kent at the above address or telephone (505) 766-2841.

Sincerely,

(Orig. Signed) - Sid Vogelppoh

For District Manager

Enclosure(s)

cc:
Area Director BIA, NAO, Window Rock, AZ
KNOCD, Santa Fe
Comm. of Pub. Lands, Santa Fe
Micrographics 943B-1
Fluids Section FRAH
File: Callegos Canyon Unit POD
O&G Chron
015:RKent:Klm:6-24-85:0834M



R. J. Criswell
Division Production Manager

Amoco Production Company

Denver Region
1670 Broadway
P.O. Box 800
Denver, Colorado 80201
303-830-4040

June 13, 1985

Bureau of Land Management
Albuquerque District Office
505 Marquette, N.W.
Post Office Box 6779
Albuquerque, New Mexico 87197-6770

State of New Mexico
Energy and Minerals Department
Oil Conservation Division
Post Office Box 2088
State Land Office Building
Santa Fe, New Mexico 87501

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

File: JTM-146-416

Fruitland Participating Area Applications
Gallegos Canyon Unit
San Juan County, New Mexico

On behalf of the Sub-Operator, Energy Reserves Group, Inc., Amoco Production Company, as Unit Operator, requests your approval in accordance with Paragraph 10 of the Unit Agreement of the selection of lands indicated on the attached land map, Exhibit "1", to constitute the Second Enlargement to the Fruitland Participating Area "C", the Initial Fruitland Participating Area "E" and the Initial Fruitland Participating Area "F". These changes to the unit participating acreage are based upon the completion of the unit well numbers 341, 344, 346 and 347. The location and completion date of each well are as set forth in the attached Exhibit "2".

[Handwritten signature and initials]

Bureau of Land Management
June 13, 1985
Page -2-

The schedules attached as Exhibits "3", "4" and "5" describe the lands within each proposed area or area enlargement. Also reflected is each lease within each area and its percentage of the total participating area. Please note that we have attached justification for each well to be allocated approximately 160 acres, following an established drainage pattern for the Fruitland Formation wells. Inasmuch as the #344 and #347 are separate pools from previously completed Fruitland Formation wells, we have designated the new "E" and "F" Fruitland areas.

We have no problems with the effective date of each area being the first of the month following the date information was received in order to justify the establishment of the participating areas as required by the unit agreement. Further, we note that the two wells expanding the Fruitland "C" were completed in different months, but since there have been no production sales on either well prior to May 1, 1985, we have chosen the later effective date for the enlargement and include both wells as the second enlargement. Thus, effective dates are proposed as follows:

<u>PARTICIPATING AREA</u>	<u>EFFECTIVE DATE</u>
Second Enlargement to Fruitland "C"	5/1/85
Initial Fruitland "E"	1/1/85
Initial Fruitland "F"	3/1/85


The geological and engineering analysis is attached as Exhibit "6", covering each well separately. Should you require additional information concerning either the lands involved or the engineering analysis, please contact Christine Hinton of Energy Reserves Group, Inc. at (303) 292-3323.

Bureau of Land Management
June 13, 1985
Page -3-

Your approval of our application as submitted is hereby requested. We enclose five (5) sets of the application to the BLM and request that one be returned to Amoco and one to Energy Reserve Group, Inc. with your approval letter.

Sincerely,

AMOCO PRODUCTION COMPANY

By: R. J. CRISWELL 
R. J. Criswell
Western Division Production Manager

BAM/pjg

Attachments

cc: Energy Reserves Group, Inc.