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SEP 2 9 2003

OIL CONSERVATION DIVISION

Amoco Production Company A Part of the BP 501 WestLake Park Blvd. Houston, TX 77079-3092

Phone: 281-366-2000

September 24, 2003

Bureau of Land Management Farmington District Office 1235 La Plata Highway, Suite A Farmington, New Mexico 87401 Attn: Geneva McDougall State of New Mexico Commissioner of Public Lands P.O. Box 1148 Santa Fe, New Mexico 87504-1148

State of New Mexico Energy, Minerals and Natural Resources Department Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, New Mexico 87505 Attn: Ms. Lori Wrotenbery, Director

Re: 2nd Revision to 2003 Plan of Development Gallegos Canyon Unit San Juan County, New Mexico

Gentlemen:

BP America Production Company, as Unit Operator for the Gallegos Canyon Unit, submits for your approval the attached 2nd Revision of the Operations 2003 Plan of Development. This involves adding the GCU 192 well which was neglected from the 1<sup>st</sup> Revision, but has received partner approval for the proposed operation.

Please signify your approval of this revision of the Plan of Development by signing in the space provided on the attached sheet and returning to me at the letterhead address. If you have any questions, please feel free to call me at (281) 366-4691.

Very truly yours,

25 et Woods Brett Woody

Enclosures

### 2nd Revision of **2003 Plan of Development**

As part of our continuing evaluation of Gallegos Canyon Unit, BP America has identified additional activities that need to be included in the 2003 Plan of Development. A few of the planned recompletions are contingent on performance of other completions. Surface access continues to impact proposed activity, which may result in future revisions to our 2003 POD.

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| Development Projects |                  |   |           |                                  |
|----------------------|------------------|---|-----------|----------------------------------|
| WELL NO.             | DEDICATION       | ТҮРЕ  | OBJECTIVE | PERMIT<br>STATUS                 |
| GCU 192              | E/2 30-T28N-R12W | Plug back from<br>Dakota and<br>recomplete FC | FC        | Submitted<br>Pending<br>Approval |

### Development Ducie

### GALLEGOS CANYON UNIT AREA 2nd Revision of 2003 PLAN OF DEVELOPMENT

| APPROVED: | Dated:   |
|-----------|--|
|           | Bureau of Land Management<br>(Subject to like approval by the Commissioner of Public Lands and the Oil<br>Conservation Division) |
| APPROVED: | Dated:   |
|           | Commissioner of Public Lands<br>(Subject to like approval by the Bureau of Land Management and the Oil<br>Conservation Division) |
| APPROVED: | <u>Dated: 10/6/03</u>  |
|           | Oil Conservation Division<br>(Subject to like approval by the Bureau of Land Management and the                                  |

Commissioner of Public Lands)

The foregoing approvals are for the 2003 Plan of Development for the Gallegos Canyon Unit.

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AUG 1 8 2003

OIL CONSERVATION DIVISION



Amoco Production Company A Part of the BP 501 WestLake Park Blvd. Houston, TX 77079-3092

Phone: 281-366-2000

August 12, 2003

Bureau of Land Management Farmington District Office 1235 La Plata Highway, Suite A Farmington, New Mexico 87401 Attn: Geneva McDougall State of New Mexico Commissioner of Public Lands P.O. Box 1148 Santa Fe, New Mexico 87504-1148

State of New Mexico Energy, Minerals and Natural Resources Department Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, New Mexico 87505 Attn: Ms. Lori Wrotenbery, Director

Re: 1<sup>st</sup> Revision to 2003 Plan of Development Gallegos Canyon Unit San Juan County, New Mexico

Gentlemen:

BP America Production Company, as Unit Operator for the Gallegos Canyon Unit, submits for your approval the attached 1<sup>st</sup> Revision of the Operations 2003 Plan of Development.

Please signify your approval of this revision of the Plan of Development by signing in the space provided on the attached sheet and returning to me at the letterhead address. If you have any questions, please feel free to call me at (281) 366-4691.

Very truly yours,

Brett Woody

Enclosures

### GALLEGOS CANYON UNIT AREA 1<sup>st</sup> Revision of 2003 PLAN OF DEVELOPMENT

\_Dated:\_\_\_\_ APPROVED: Bureau of Land Management (Subject to like approval by the Commissioner of Public Lands and the Oil Conservation Division) APPROVED: Dated: **Commissioner of Public Lands** (Subject to like approval by the Bureau of Land Management and the Oil Conservation Division) Dated: 8/20/03 in **APPROVED Oil Conservation Division** (Subject to like approval by the Bureau of Land Management and the Commissioner of Public Lands)

The foregoing approvals are for the 2003 Plan of Development for the Gallegos Canyon Unit.

### 1<sup>st</sup> Revision of 2003 Plan of Development

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As part of our continuing evaluation of Gallegos Canyon Unit, BP America has identified additional activities that need to be included in the 2003 Plan of Development. A few of the planned recompletions are contingent on performance of other completions. Surface access continues to impact proposed activity, which may result in future revisions to our 2003 POD.

|          |   | <b>Development Project</b>          | s         |                             |
|----------|---|-------------------------------------|-----------|-----------------------------|
| WELL NO. | DEDICATION                                | ТҮРЕ                                | OBJECTIVE | PERMIT<br>STATUS            |
| GCU 004  | NE/4 34-T28N-R12W                         | Recomplete and<br>commingle with FC | 1 1       | Preparing for<br>Submission |
| GCU 040  | NE/4 29-T28N-R12W                         | Recomplete and commingle with FC    | PC        | Preparing for<br>Submission |
| GCU 137  | E/2 & NE/4 36-T28N-<br>R13W, respectively | Recomplete                          | FC & PC   | Preparing for<br>Submission |
| GCU 178  | W/2 4-T27N-R12W                           | Recomplete                          | FC        | Preparing for<br>Submission |
| GCU 182  | E/2 19-T28N-R11W                          | Recomplete                          | FC        | Preparing for<br>Submission |
| GCU 192  | E/2 30-T28N-R12W                          | Recomplete                          | FC        | Preparing for<br>Submission |
| GCU 195E | E/2 33-T29N-R12W                          | Recomplete                          | FC        | Preparing for<br>Submission |
| GCU 204E | SE/4 34-T28N-R12W                         | Recomplete                          | PC        | Preparing for<br>Submission |
| GCU 243E | E/2 24-T28N-R12W                          | Recomplete                          | FC        | Preparing for<br>Submission |
| GCU 244  | E/2 & SE/4 36-T28N-<br>R12W, respectively | Recomplete                          | FC & PC   | Preparing for<br>Submission |



## State of New Mexico Commissioner of Public Lands

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

July 10, 2003

**PATRICK H. LYONS** 

COMMISSIONER

Amoco Production Company 501 Westlake Park Blvd. Houston, Texas 77079-3092

**COMMISSIONER'S OFFICE** 

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

www.nmstatelands.org

Attn: Mr. Brett Woody

Re: 2003 Plan of Development Gallegos Canyon Unit San Juan County, New Mexico

Dear Mr. Woody:

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

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

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

Very truly yours,

PATRICK H. LYONS COMMISSIONER OF PUBLIC LANDS

BY: Withow H. Mark

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

PL/JB/cpm xc: Reader File

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Amoco Production Company A Part of the BP 501 WestLake Park Blvd. Houston, TX 77079-3092 Phone: 281-366-2000

AN 2 0 2003

December 18, 2002

Bureau of Land Management Farmington District Office 1235 La Plata Highway, Suite A Farmington, New Mexico 87401 Attn: Geneva McDugal OIL CONSERVATION State of New Mexico DIVISION Commissioner of Public Lands P.O. Box 1148 Santa Fe, New Mexico 87504-1148

State of New Mexico Energy, Minerals and Natural Resources Department Oil Conservation Division 2040 S. Pacheo Santa Fe, New Mexico 87505 Attn: Ms. Lori Wrotenbery, Director

Re: 2002 Review of Operations 2003 Plan of Development Gallegos Canyon Unit San Juan County, New Mexico

Gentlemen:

BP America Production Company, successor in interest to Amoco Production Company, as Unit Operator for the Gallegos Canyon Unit, submits for your approval the attached Review of 2002 Operations and 2003 Plan of Development.

Please signify your approval of this Plan of Development by signing in the space provided on the attached sheet and returning to me at the letterhead address. If you have any questions, please feel free to call me at (281) 366-4691.

Very truly yours,

Brett Woody

Enclosures

### **Review of 2002 Operations**

Shown in Table I are the cumulative volumes of gas and condensate produced from each reservoir in the Gallegos Canyon Unit. Table II summarizes the well status in each horizon. Because Gallagos Canyon Unit has many down hole commingled wells producing from more than one formation, Table II reflects active completions rather than wellbores. Historical production graphs for each horizon are attached.

|            | TABLE I              |                |
|------------|----------------------|----------------|
| Cumulative | <b>Production</b> as | s of 6/30/2002 |

| FORMATION        | GAS<br>(MMCF) | CONDENSATE<br>(MBLS) |
|------------------|---------------|----------------------|
| Farmington Sands | 157           | 0                    |
| Fruitland Sands  | 12,419        | 0                    |
| Fruitland Coal   | 41,188        | 0                    |
| Pictured Cliffs  | 178,271       | 4                    |
| Chacra           | 93            | 1                    |
| Gallup           | 8,749         | 1,944                |
| Dakota           | 457,284       | 3,423                |

#### TABLE II

### Production Status by Formation as of 6/30/2002

| FORMATION        | ACTIVE | INACTIVE |
|------------------|--------|----------|
| Farmington Sands | 2      | 1        |
| Fruitland Sands  | 26     | 1        |
| Fruitland Coal   | 81     | 5        |
| Pictured Cliffs  | 132    | 10       |
| Chacra           | 5      | 0        |
| Gallup           | 5      | 15       |
| Dakota           | 204    | 4        |

#### 2002 GCU Development

Table III below shows the status of each of the proposed activities from the 2002 GCU Plan of Development. Economic conditions plus delay in the expected Fruitland Coal Density Order caused less new drilling than originally planned, but more recompletion and down hole commingling. To a large extent, this overall increased activity was the byproduct of commingling approval received in 2001. As of November 1, 2002, 4 new wells had been drilled and 32 recompletions have been completed with 2 more scheduled before yearend. The list below also includes 7 recompletions that were completed at the end of 2001, after the original 2002 POD was submitted.

| 2002 Work Status                      |                   |                   |           |                     |  |
|---------------------------------------|-------------------|-------------------|-----------|---------------------|--|
| WELL NO.                              | DEDICATION        | ТҮРЕ              | OBJECTIVE | STATUS              |  |
|                                       |                   |                   |           |                     |  |
| GCU 3                                 | SW/4 24-T28N-R12W | Recomplete and    | PC        | Deferred            |  |
| · · · · · · · · · · · · · · · · · · · |                   | commingle with FC |           |                     |  |
| GCU 6                                 | SW/4 22-T28N-R12W | Recomplete and    | PC        | Scheduled for       |  |
|                                       |                   | commingle with FC |           | December            |  |
| GCU 12                                | NE/4 33-T28N-R12W | Recomplete        | PC        | Unsuccessful        |  |
| GCU 18                                | NE/4 21-T28N-R12W | Recomplete and    | PC        | Unsuccessful (2001) |  |
|                                       |                   | commingle with FC |           |                     |  |
| GCU 20                                | SW/4 17-T28N-R12W | Recomplete and    | PC        | Deferred            |  |
|                                       |                   | commingle with FC | 2.0       |                     |  |
| GCU 22                                | NE/4 18-T28N-R12W | Recomplete and    | PC        | Deferred            |  |
|                                       |                   | commingle with FC |           |                     |  |
| GCU 24                                | SE/4 34-T28N-R12W | Recomplete and    | FS        | Cancelled           |  |
|                                       |                   | commingle with PC |           |                     |  |
| GCU 28                                | NE/4 30-T29N-R12W | Recomplete and    | PC        | Cancelled           |  |
|                                       |                   | commingle with FS |           |                     |  |
| GCU 32                                | SW/4 07-T28N-R12W | Recomplete and    | PC        | Scheduled for       |  |
|                                       |                   | Commingle with FC |           | December            |  |
| GCU 34                                | SW/4 28-T28N-R12W | Recomplete and    | PC        | Cancelled           |  |
|                                       |                   | Commingle with FC |           |                     |  |
| GCU 35                                | SW/4 20-T28N-R12W | Recomplete and    |           | Deferred            |  |
|                                       |                   | commingle with FC |           |                     |  |
| GCU 41                                | NE/4 32-T28N-R12W | Recomplete and    | PC        | Successful (2001)   |  |
|                                       |                   | commingle with FC |           |                     |  |
| GCU 42                                | SW/4 02-T28N-R13W | Recomplete and    | PC        | Successful          |  |
|                                       |                   | commingle with FC |           |                     |  |
| GCU 53                                | SW/4 36-T28N-R12W | Recomplete and    | PC        | Deferred            |  |
|                                       |                   | commingle with FC |           |                     |  |
| GCU 55                                | NE/4 35-T28N-R12W | Recomplete and    | PC        | Successful          |  |
|                                       |                   | Commingle with FC |           |                     |  |
| GCU 56                                | NW/4 35-T28N-R12W | Recomplete and    | PC        | Successful          |  |
|                                       |                   | Commingle with FC |           |                     |  |
| GCU 57                                | SW/4 35-T28N-R12W | Recomplete and    | PC        | Deferred            |  |
|                                       |                   | Commingle with FC |           |                     |  |
| GCU 72                                | NE/4 36-T28N-R13W | Recomplete and    | PC        | Unsuccessful        |  |
|                                       |                   | commingle with FC |           |                     |  |
| GCU 79                                | N/2 & NE/4        | Recomplete and    | FC & PC   | Successful (2001)   |  |
|                                       | 9-T27N-R12W       | commingle with FM |           | , <i>, ,</i>        |  |
| GCU 93                                | W/2 36-T29N-R12W  | Recomplete        | FC        | Deferred            |  |
| GCU 96E                               |                   | Recomplete and    |           | Deferred            |  |
| 000700                                |                   | Commingle with DK |           |                     |  |
| GCU 111E                              | SE/4 20-T29N-R12W | Recomplete and    |           | Unsuccessfu         |  |
|                                       |                   | Commingle with DK |           |                     |  |
| GCU 123                               | NW/4 25-T28N-R12W | Recomplete and    |           | Unsuccessful (2001) |  |
| 000 125                               |                   | commingle with PC |           |                     |  |
|                                       |                   |                   |           |                     |  |

TABLE III

| STATUS              | OBJECTIVE | ТҮРЕ  | DEDICATION                     | WELL NO.        |
|---------------------|-----------|---|--------------------------------|-----------------|
| Successful          | СК        | Recomplete and commingle with DK              | SE/4 17-T29N-R12W              | GCU 134E        |
| Successful          | СК        | Recomplete and commingle with DK              | SE/4 25-T29N-R12W              | GCU GC 'A' 142  |
| Successful          | СК        | Recomplete and commingle with DK              | NE/4 25-T29N-R12W              | GCU GC 'A' 142E |
| Successful          | СК        | Recomplete and commingle with DK              | NW/4 25-T29N-R12W              | GCU GC 'B' 143  |
| Successful (2001)   | СК        | Recomplete and commingle with DK              | SW/4 25-T29N-R12W              | GCU GC 'B' 143E |
| Unsuccessful        | СК        | Recomplete and commingle with DK              | NE/4 26-T29N-R12W              | GCU 145         |
| Deferred            | СК        | Recomplete and<br>Commingle with DK           | SE/4 22-T29N-R12W              | GCU 150E        |
| Deferred            | СК        | Recomplete and<br>Commingle with DK           | NE/4 21-T29N-R12W              | GCU 151         |
| Deferred            | CK        | Recomplete                                    | SE/4 27-T29N-R12W              | GCU GC 'D' 160  |
| Deferred            | FC        | Recomplete                                    | S/2 27-T29N-R12W               | GCU GC 'D' 160E |
| Deferred            | СК        | Recomplete and<br>Commingle with DK           | ' NE/4 36-T29N-R12W            |                 |
| Deferred            | СК        | Recomplete and<br>Commingle with DK           | NW/4 35-T29N-R12W              | GCU 170E        |
| Unsuccessful (2001) | FC        | Recomplete and<br>commingle with DK           | N/2 25-T28N-R13W               | GCU 176E        |
| Deferred            | FS & PC   | Recomplete and commingle                      | SE/4 28-T29N-R12W              | GCU GC 'H' 180  |
| Deferred            | GP & DK   | Commingle GP with DK                          | S/2 SW/4 & S/2<br>28-T29N-R12W | GCU GC 'H' 180E |
| Successful          | PC        | Recomplete                                    | SE/4 33-T28N-R12W              | GCU 186         |
| Successful (2001)   | FC        | Recomplete and commingle with DK              | W/2 30-T28N-R12W               | GCU 193E        |
| Deferred            | РС        | Recomplete and<br>commingle with FC<br>and DK | SW/4 19-T28N-R12W              | GCU 196         |
| Successful          | GP & DK   | Commingle GP with DK                          | W/2 NW/4 & W/2<br>13-T28N-R12W | GCU 217E        |
| Cancelled           | FM        | Recomplete                                    | SE/4 21-T28N-R12W              | GCU 229E        |
| P&A                 | PC        | Recomplete                                    | SW/4 14-T28N-R13W              | GCU 236E        |
| Deferred            |           | Recomplete and<br>Commingle with DK           | NE/4 20-T29N-R12W              | GCU 263E        |
| Done - Evaluating   | FS        | Recomplete and<br>commingle with PC           | NE/4 23-T28N-R12W              | GCU 267         |
| Done - Evaluating   | FS        | Recomplete and<br>Commingle with PC           | SE/4 17-T28N-R12W              | GCU 278         |
| Successfu           | FS        | Recomplete and<br>Commingle with PC           | NW/4 23-T28N-R12W              | GCU 279         |
| Successfu           | FS        | Recomplete                                    | SE/4 23-T28N-R12W              | GCU291          |
| Cancellec           |           | Recomplete and commingle with FC              | SW/4 10-T28N-R12W              | GCU 295         |
| Cancellec           | FS        | Recomplete and commingle with PC              | NW/4 33-T29N-R12W              | GCU 303         |
| Done – Evaluating   |           | Recomplete and commingle with FS              | SE/4 09-T28N-R12W              | GCU 310         |
| Unsuccessfu         | ,         | Recomplete and<br>commingle with FC           | SW/4 14-T28N-R12W              | GCU 311         |
| Cancellec           | FS        | Recomplete and<br>Commingle with PC           | NW/4 17-T28N-R12W              | GCU 314         |

| STATUS                        | OBJECTIVE                             | ТҮРЕ                                | DEDICATION                            | WELL NO.           |
|-------------------------------|---------------------------------------|-------------------------------------|---------------------------------------|--------------------|
| P&A                           | РС                                    | Recomplete and commingle with FS    | NW/4 30-T28N-R12W                     | GCU 319            |
| Unsuccessfu                   | PC                                    | Recomplete and commingle with FC    | SW/4 32-T29N-R12W                     | GCU 323            |
| Successfu                     | FS                                    | Recomplete and<br>Commingle with PC | NE/4 24-T29N-R13W                     | GCU 330            |
| Unsuccessfu                   | PC                                    | Recomplete and commingle with FC    | SE/4 31-T29N-R12W                     | GCU 332            |
| Successfu                     | FS                                    | Recomplete and commingle with PC    | NE/4 33-T29N-R12W                     | GCU 333            |
| P&A                           | PC                                    | Recomplete and<br>commingle with FC | SW/4 11-T28N-R12W                     | GCU 334            |
| Successfu                     | FS                                    | Recomplete and<br>commingle with PC | SE/4 14-T28N-R12W                     | GCU 335            |
| Deferred                      | PC                                    | Recomplete and<br>commingle with FS | NW/4 24-T29N-R13W                     | GCU 340            |
| Done - Evaluating             | РС                                    | Recomplete and<br>Commingle with FC | SW/4 12-T28N-R12W                     | GCU 412            |
| Done - Evaluating             | FS                                    | Recomplete and<br>commingle with FC | SW/4 18-T28N-R11W                     | GCU 414            |
| Done - Evaluating             | FS                                    | Recomplete and<br>Commingle with PC | SE/4 17-T29N-R12W                     | GCU 505            |
| Deferred                      | FS                                    | Recomplete and commingle with PC    | NW/4 28-T29N-R12W                     |                    |
| Successfu                     | FS                                    | Recomplete and<br>commingle with PC | NE/4 18-T28N-R11W                     | GCU 517            |
| Successfu                     | FS                                    | Recomplete and<br>Commingle with PC |                                       | GCU 538            |
| Successfu                     |                                       | Recomplete and<br>commingle with FC | SE/4 18-T28N-R11W                     | GCU 551            |
| Deferred                      | FC & PC                               | Drill                               | E/2 & NE/4<br>17-T28N-R12W            | GCU 552            |
| Done - Evaulating             | FS & FC                               | Drill                               | NE/4 13-T28N-R12W                     | GCU 554            |
| Successfu                     |                                       | Drill                               | NW/4 18-T28N-R11W                     |                    |
| Deferred<br>Successfu         | FC<br>FS                              | Drill<br>Recomplete and             | S/2 20-T29N-R12W<br>NW/4 28-T29N-R12W | GCU 560<br>GCU 566 |
| <u> </u>                      | EQ/DO                                 | Commingle with FC                   | QU1/4 12 T20NL D 12NL                 | COLL 500           |
| Successfu<br>Waiting on Permi | FS/PC<br>FC                           | Drill                               | SW/4 13-T28N-R12W                     | GCU 580            |
| Successfu                     | <b></b>                               | Drill<br>Drill                      | S/2 4-T27N-R12W<br>NE/4 17-T29N-R12W  | GCU 583<br>GCU 581 |
| Done - Evaluating             | PC<br>PC                              | Drill                               | NW/4 19-T28N-R12W                     | GCU 581<br>GCU 582 |
| Done - Evaluating<br>Deferred | PC                                    | Drill                               | SE/4 19-T28N-R12W                     | GCU 582<br>GCU 572 |
| Deferred                      |                                       | Drill                               | SW/4 29-T28N-R12W                     | NEW WELL           |
| Deferred                      |                                       | Drill                               | N/2 17-T29N-R12W                      | NEW WELL           |
| Deferred                      | · · · · · · · · · · · · · · · · · · · | Drill                               | N/2 23-T29N-R12W                      | NEW WELL           |
| Deferred                      | <b>-</b> · · · · <b>·</b>             | Drill                               | S/2 23-T29N-R13W                      | NEW WELL           |
| Deferred                      | ++                                    | Drill                               | N/2 24-T29N-R13W                      | NEW WELL           |
| Deferred                      | FC                                    | Drill                               | S/2 26-T29N-R13W                      | NEW WELL           |
| Deferred                      | FC                                    | Drill                               | W/2 36-T29N-R13W                      | NEW WELL           |
| Deferred                      |                                       | Drill                               | W/2 18-T28N-R12W                      | NEW WELL           |
| P&/                           | FC                                    | P&A                                 | S/2 27-T28N-R12W                      | GCU 13             |
| P&/                           | FC                                    | P&A                                 | S/2 26-T28N-R12W                      | GCU 14             |
| P&/                           | FC                                    | P&A                                 | N/2 27-T28N-R12W                      | GCU 16             |
| P&A                           | PC                                    | P&A                                 | SE/4 33-T28N-R12W                     | GCU 30             |
| P&A                           | PC                                    | P&A                                 | SW/4 35-T29N-R13W                     | GCU 44             |
| P&A                           | DK                                    | P&A                                 | W/2 35-T29N-R13W                      | GCU 164            |

| <u>GC</u> U 164E                      | W/2 35-T29N-R13W  | P&A  | DK        | P&A                  |
|---------------------------------------|-------------------|------|-----------|----------------------|
| WELL NO.                              | DEDICATION        | ТҮРЕ | OBJECTIVE | STATUS               |
| GCU 177                               | E/2 31-T28N-R12W  | P&A  |           | Evaluating for FC160 |
| 0001//                                | E/2 51-128N-K12W  | TaA  |           | recompletion         |
| GCU 183E                              | N/2 09-T27N-R12W  | P&A  | DK        | P&A                  |
| GCU 184                               | E/2 28-T28N-R12W  | P&A  | DK        | Evaluating for FC    |
| · · · · · · · · · · · · · · · · · · · |                   |      |           | recompletion         |
| GCU 210E                              | W/2 31-T29N-R12W  | P&A  | DK        | P&A                  |
| GCU 272                               | NW/4 33-T28N-R12W | P&A  | PC        | P&A                  |
| GCU 295                               | SW/4 10-T28N-R12W | P&A  | PC        | Waiting on Rig to    |
|                                       |                   |      |           | P&A                  |
| GCU 334                               | SW/4 11-T28N-R12W | P&A  | PC        | P&A                  |
| GCU 392                               | S/2 26-T29N-R13W  | P&A  | FC        | P&A                  |

### 2003 Plan of Development

BP America will continue to develop the Fruitland Sand, Fruitland Coal, Pictured Cliffs and Chacra horizons within the Gallegos Canyon Unit through recompletions, commingling and selective drilling. Current plans include the drilling of approximately 4 new wells and recompleting approximately 11 existing wellbores from the list below. Approximately 2 of the planned drilling locations will be 160 Acre Fruitland Coal. Some of the recompletions will involve commingling the recompleted horizon with the current producing horizon. A few of the planned recompletions are contingent on performance of other completions. Surface access continues to impact proposed drilling locations, which may result in revisions to the list in Table IV below.

| Development Projects |           |                   |                   |                 |  |
|----------------------|-----------|-------------------|-------------------|-----------------|--|
| PERMIT<br>STATUS     | OBJECTIVE | ТҮРЕ              | DEDICATION        | WELL NO.        |  |
| Preparing for        | PC        | Recomplete and    | NE/4 31-T28N-R12W | GCU 049         |  |
| Submissio            |           | commingle with FC |                   |                 |  |
| Approve              | PC        | Recomplete and    | SW/4 36-T28N-R12W | GCU 053         |  |
|                      |           | commingle with FC |                   |                 |  |
| Approve              | PC        | Recomplete        | SW/4 35-T28N-R12W | GCU 057         |  |
| Approve              | FC        | Recomplete        | W/2 36-T29N-R12W  | GCU 93          |  |
| Preparing fo         | FC        | Recomplete        | E/2 06-T27N-R12W  | GCU 146         |  |
| Submissio            |           | •                 |                   |                 |  |
| Preparing fo         | CK        | Recomplete and    | NE/4 21-T29N-R12W | GCU 151         |  |
| Submissio            |           | Commingle with DK |                   |                 |  |
| Approve              | CK        | Recomplete        | SE/4 27-T29N-R12W | GCU GC 'D' 160  |  |
| Preparing fo         | FC        | Recomplete        | S/2 26-T29N-R13W  | GCU 163         |  |
| Submissio            |           | •                 |                   |                 |  |
| Preparing fo         | FC        | Recomplete        | S/2 26-T29N-R13W  | GCU 163E        |  |
| Submissio            |           | •                 |                   |                 |  |
| Preparing fo         | FC        | Recomplete        | E/2 31-T28N-R12W  | GCU 177         |  |
| Submissio            |           | 1                 |                   |                 |  |
| PC Approve           | FS & PC   | Recomplete and    | SE/4 28-T29N-R12W | GCU GC 'H' 180  |  |
| - 11                 |           | commingle         |                   |                 |  |
| Approve              | GP & DK   | Commingle GP with | SW/4 28-T29N-R12W | GCU GC 'H' 180E |  |
|                      |           | DK                |                   |                 |  |
| Preparing fo         | FC        | Recomplete        | E/2 28-T28N-R12W  | GCU 184         |  |
| Submissio            |           | 1                 |                   |                 |  |
| Preparing fo         | FC        | Recomplete        | E/2 30-T28N-R12W  | GCU 192E        |  |
| Submissio            |           | 1                 |                   |                 |  |
| Preparing for        | PC        | Recomplete and    | SW/4 19-T28N-R12W | GCU 196         |  |
| Submissio            |           | commingle with FC |                   |                 |  |
|                      |           | and DK            |                   |                 |  |
| Preparing fo         | FC and PC | Recomplete and    | W/2 & SW/4        | GCU 265E        |  |
| Submissio            |           | commingle         | 25-T28N-R12W      |                 |  |
| Preparing fo         | FC        | Recomplete        | W/2 36-T29N-R13W  | GCU 326         |  |
| Submissio            |           | •                 |                   |                 |  |
| Approve              | PC        | Recomplete and    | NW/4 24-T29N-R13W | GCU 340         |  |
|                      |           | commingle with FS |                   |                 |  |
| Preparing for        | FS        | Recomplete and    | SE/4 18-T29N-R12W | GCU 503         |  |
| Submissio            |           | commingle with PC |                   |                 |  |
| Preparing for        | FS        | Recomplete and    | NE/4 28-T29N-R12W | GCU 510         |  |
| Submissio            |           | commingle with PC |                   |                 |  |
| Preparing for        | PC        | T&A               | NW/4 27-T29N-R12W | GCU 542         |  |
| Submissio            |           |                   |                   |                 |  |
| Preparing for        | FC        | Drill             | E/2 19-T29N-R12W  | GCU 559         |  |
| Submissio            |           |                   |                   | _               |  |
| Preparing for        | FC        | Drill             | S/2 20-T29N-R12W  | GCU 560         |  |
| Submissio            |           |                   |                   |                 |  |
| Preparing for        | PC        | Drill             | SE/4 19-T28N-R12W | GCU 572         |  |
| Submissio            |           |                   |                   | - · -           |  |

| WELL NO. | DEDICATION                 | ТҮРЕ                | OBJECTIVE | PERMIT<br>STATUS            |
|----------|----------------------------|---------------------|-----------|-----------------------------|
| GCU 583  | S/2 04-T27N-R12W           | Drill               | FC        | Waiting on Permi            |
| GCU 584  | NW/4 18-T28N-R12W          | Drill               | PC        | Preparing for<br>Submissior |
| GCU 585  | SW/4 29-T28N-R12W          | Drill               | PC        | Preparing for<br>Submissior |
| GCU 590  | N/2 13-T29N-R13W           | Drill               | FC        | Preparing for<br>Submission |
| GCU 591  | S/2 13-T29N-R13W           | Drill               | FC        | Preparing for<br>Submission |
| GCU 592  | N/2 17-T29N-R12W           | Drill               | FC        | Preparing for<br>Submission |
| GCU 593  | W/2 18-T29N-R12W           | Drill               | FC        | Preparing for<br>Submission |
| GCU 594  | E/2 18-T29N-R12W           | Drill               | FC        | Preparing for<br>Submission |
| GCU 595  | W/2 19-T29N-R12W           | Drill               | FC        | Preparing for<br>Submission |
| GCU 596  | N/2 21-T29N-R12W           | Drill               | FC        | Preparing for<br>Submission |
| GCU 597  | S/2 21-T29N-R12W           | Drill               | FC        | Preparing for<br>Submission |
| GCU 598  | S/2 & SW/4<br>22-T29N-R12W | Drill and commingle | FC & CK   | Preparing for<br>Submission |
| GCU 599  | N/2 20-T28N-R12W           | Drill               | FC        | Preparing for<br>Submission |

TABLE V2003 Plug and Abandon Candidates

| WELL NO. | DEDICATION        | CURRENT<br>HORIZON | OTHER PRODUCED OR<br>TESTED HORIZONS |
|----------|-------------------|--------------------|--------------------------------------|
| GCU 227  | N/2 20-T28N-R12W  | DK                 | None                                 |
| GCU 242  | W/2 24-T28N-R12W  | DK                 | None                                 |
| GCU 297  | NE/4 15-T28N-R12W | PC                 | None                                 |

|        | Dakota | Gallup | Pictured Cliffs        | Fruitland Coal | Fruitland Sands        | Farmington Sands | FM         | Production Status by Formation        |        | Dakota  | Gallup | Pictured Cliffs        | Fruitland Coal | Fruitland Sands | Farmington Sands | FM       |                                     | 1999 Operations |
|--------|--------|--------|------------------------|----------------|------------------------|------------------|------------|---------------------------------------|--------|---------|--------|------------------------|----------------|-----------------|------------------|----------|-------------------------------------|-----------------|
|        | 201    | 6      | 124                    | 60             | 22                     | 1                | Active I   | Formation                             |        | 453,086 | 11,050 | 160,812                | 33,714         | 12,211          | 68               | MMCF N   |                                     |                 |
|        | 52     | 17     | 59                     | 11             | 6                      | 1                | Inactive   |                                       |        | 3,582   | 3,150  | 4                      |                |                 |                  | MBO      |                                     |                 |
|        | Dakota | Gallup | Pictured Cliffs        | Fruitland Coal | <b>Fruitland Sands</b> | Farmington Sands | FM         | <b>Production Status by Formation</b> | De     | Dakota  | Gallup | <b>Pictured Cliffs</b> | Fruitland Coal | Fruitland Sands | Farmington Sands | FM       |                                     | 2000 Operations |
|        | 200    | 6      | 120                    | 64             | 21                     | 1                | Active     | us by Format                          |        | 450,275 | 9,809  | 163,357                | 35,608         | 11,861          | 91               | MMCF     |                                     | 0,              |
|        | 21     | 16     | 20                     | œ              | 3                      | 1                | Inactive   | ion                                   |        | 3,373   | 2,005  | 4                      |                |                 |                  | MBO      |                                     |                 |
|        | Dakota | Gallup | <b>Pictured Cliffs</b> | Fruitland Coal | <b>Fruitland Sands</b> | Farmington Sands | FM         | <b>Production State</b>               |        | Dakota  | Gallup | <b>Pictured Cliffs</b> | Fruitland Coal | Fruitland Sands | Farmington Sands | FM       |                                     | 2001 Operations |
|        | 196    | 6      | 128                    | 80             | 21                     | -                | Active     | Status by Formation                   |        | 455,695 | 8,719  | 174,635                | 39,800         | 12,215          | 100              | MMCF     |                                     |                 |
|        | 21     | 17     | 21                     | 9              | ω                      | -                | Inactive   | tion                                  |        | 3,411   | 1,943  | 4                      |                |                 |                  | MBO      |                                     |                 |
| Chacra | Dakota | Gallup | Pictured Cliffs        | Fruitland Coal | <b>Fruitland Sands</b> | Farmington Sands | FM         | Production Status by Formation        | Chacra | Dakota  | Gallup | Pictured Cliffs        | Fruitland Coal | Fruitland Sands | Farmington Sands | FM       | Cumulative Production as of 6/30/02 | 2002 Operations |
| თ      | 204    | G      | 132                    | 81             | 26                     | 2                | Active Ina | is by Formation                       | 93     | 457,284 | 8,749  | 178,271                | 41,188         | 12,419          | 157              | MMCF MBO | fuction as of 6/3                   |                 |
| 0      | 4      | 15     | 10                     | CT             | -                      | -                | Inactive   |                                       | _      | 3,423   | 1,944  | 4                      |                |                 |                  | õ        | 0/02                                |                 |

GCU\_03POD\_Cums\_Plots.xls Summary

12/18/2002

### GALLEGOS CANYON UNIT AREA 2003 PLAN OF DEVELOPMENT

| APPROVED | :Dated:  |
|----------|--|
|          | Bureau of Land Management<br>(Subject to like approval by the Commissioner of Public Lands and the Oil<br>Conservation Division) |
| APPROVED | :Dated:  |
| APPROVED | Oil Conservation Division  |
|          | (Subject to like approval by the Bureau of Land Management and the Commissioner of Public Lands)                                 |

The foregoing approvals are for the 2003 Plan of Development for the Gallegos Canyon Unit.

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

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

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

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

July 16, 2002

Amoco Production Company 501 Westlake Park Blvd. Houston, Texas 77079-3092

Attn: Mr. Brett Woody

Re: 2002 Plan of Development 4th Amendment Gallegos Canyon Unit San Juan County, New Mexico

Dear Mr. Woody:

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

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

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

Very truly yours,

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

BY:

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

RP/JB/cpm xc: Reader File



BLM

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

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

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



**New Mexico State Land Office** 

**Commissioner of Public Lands** 

Ray Powell, M.S., D.V.M.

# 827-5766

\$24>



Amoco Production Company A Part of the BP 501 WestLake Park Blvd. Houston, TX 77079-3092

Phone: 281-366-2000

July 1, 2002

Bureau of Land Management Farmington District Office 1235 La Plata Highway, Suite A Farmington, New Mexico 87401 State of New Mexico Commissioner of Public Lands P.O. Box 1148 Santa Fe, New Mexico 87504-1148

Attn: Geneva McDugal

State of New Mexico Energy, Minerals and Natural Resources Department Oil Conservation Division 1220 S. St. Francis Dr. Santa Fe, New Mexico 87505

Attn: Ms. Lori Wrotenbery, Director

Re: 4th Amendment to 2002 Plan of Development Gallegos Canyon Unit San Juan County, New Mexico

Ladies and Gentlemen:

BP America Production Company, formerly named Amoco Production Company, as Unit Operator for the Gallegos Canyon Unit, submits for your approval the attached 4th Amendment of the 2002 Plan of Development. More recompletion and commingling opportunities have been found for development and are noted on the attachment.

Please signify your approval of this Plan of Development by signing in the space provided on the attached sheet and returning to BP at the letterhead address. If you have any questions, please feel free to call me at (281) 366-3430.

Very truly yours,

et Work

Brett Woody

# bp

### 4<sup>th</sup> Amendment to 2002 Plan of Development

As part of our continuing evaluation of Gallegos Canyon Unit, BP America Production Company has identified additional activities that need to be included in the 2002 Plan of Development. All of these recompletions will involve commingling the recompleted horizon with the current producing horizon(s). Formation Key FS=Fruitland Sand, FC=Fruitland Coal, PC=Pictured Cliffs, CH=Chacra, DK=Dakota, MV=Mesa Verde

|          | Development Projects |  |                         |                             |  |  |  |  |  |
|----------|----------------------|--|-------------------------|-----------------------------|--|--|--|--|--|
| WELL NO. | DEDICATION           | ТҮРЕ                                   | OBJECTIVE               | PERMIT<br>STATUS            |  |  |  |  |  |
| GCU 32   | SW/4 07-T28N-R12W    | Recomplete and<br>Commingle with<br>FC | PC                      | Preparing for<br>Submission |  |  |  |  |  |
| GCU 267  | NE/4 23-T28N-R12W    | Recomplete and<br>Commingle with<br>PC | FS                      | Preparing for<br>Submission |  |  |  |  |  |
| GCU 278  | SE/4 17-T28N-R12W    | Recomplete and<br>Commingle with<br>PC | FS                      | Preparing for<br>Submission |  |  |  |  |  |
| GCU 279  | NW/4 23-T28N-R12W    | Recomplete and<br>Commingle with<br>PC | FS                      | Preparing for<br>Submission |  |  |  |  |  |
| GCU 314  | NW/4 17-T28N-R12W    | Recomplete and<br>Commingle with<br>PC | FS                      | Preparing for<br>Submission |  |  |  |  |  |
| GCU 330  | NE/4 24-T29N-R13W    | Recomplete and<br>Commingle with<br>PC | FS                      | Preparing for<br>Submission |  |  |  |  |  |
| GCU 412  | SW/4 12-T28N-R12W    | Recomplete and<br>Commingle with<br>FC | PC                      | Preparing for<br>Submission |  |  |  |  |  |
| GCU 505  | SE/4 17-T29N-R12W    | Recomplete and<br>Commingle with<br>PC | FS                      | Preparing for<br>Submission |  |  |  |  |  |
| GCU 517  | NE/4 18-T28N-R11W    | Recomplete and<br>Commingle with<br>PC | FS                      | Preparing for<br>Submission |  |  |  |  |  |
| GCU 538  | SW/4 17-T29N-R12W    | Recomplete and<br>Commingle with<br>PC | FS                      | Preparing for<br>Submission |  |  |  |  |  |
| GCU 554  | NE/4 13-T28N-R12W    | New Drill                              | FS Commingle<br>with FC | Adding FS to<br>Plan        |  |  |  |  |  |
| GCU 566  | NW/4 28-T29N-R12W    | Recomplete and<br>Commingle with<br>FC | FS                      | Preparing for<br>Submission |  |  |  |  |  |

**Development Projects** 

### 4th AMENDMENT TO GALLEGOS CANYON UNIT AREA 2002 PLAN OF DEVELOPMENT

| APPROVED | :Dated:  |
|----------|--|
|          | Bureau of Land Management<br>(Subject to like approval by the Commissioner of Public Lands and the Oil<br>Conservation Division)   |
| APPROVED | :Dated:  |
| APPROVED | Commissioner of Public Lands<br>(Subject to like approval by the Bureau of Land Management and the Oil<br>Conservation Division)<br>Dated: 7/29/07<br>Oil Conservation Division<br>(Subject to like approval by the Bureau of Land Management and the<br>Commissioner of Public Lands) |

The foregoing approvals are for the 2002 Plan of Development for the Gallegos Canyon Unit.

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

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

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

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

June 6, 2002

Amoco Production Company 501 Westlake Park Blvd. Houston, Texas 77079-3092

Attn: Mr. Brett Woody

Re: 2002 Plan of Development 3rd Amendment Gallegos Canyon Unit San Juan County, New Mexico

Dear Mr. Woody:

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

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

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

Very truly yours,

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

Mark BY: FOR JAMI BAILEY, Director

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

RP/JB/cpm xc: Reader File

OCD

BLM



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

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



**New Mexico State Land Office** 

**Commissioner of Public Lands** 

Ray Powell, M.S., D.V.M.

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

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

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

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

March 11, 2002

Amoco Production Company 501 Westlake Park Blvd. Houston, Texas 77079-3092

Attn: Mr. Brett Woody

Re: 2002 Plan of Development 1<sup>st</sup> Amendment Gallegos Canyon Unit San Juan County, New Mexico

Dear Mr. Woody:

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

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

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

Very truly yours,

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

BY:

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

RP/JB/cpm xc: Reader File

OCD

BLM

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**New Mexico State Land Office** 

**Commissioner of Public Lands** 

Ray Powell, M.S., D.V.M.

## 310 Old Santa Fe Trail. P. O. Box 1148 Santa Fe. New Mexico 87504-1148

**Amoco Production Company** A Part of the BP 501 WestLake Park Blvd. Houston, TX 77079-3092

Phone: 281-366-2000

April 22, 2002

Bureau of Land Management **Farmington District Office** 1235 La Plata Highway, Suite A Farmington, New Mexico 87401

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

Attn: Geneva McDugal

State of New Mexico Energy, Minerals and Natural Resources Department **Oil Conservation Division** 1220 S. St. Francis Dr. Santa Fe, New Mexico 87505

Attn: Ms. Lori Wrotenbery, Director

3rd Amendment to Re: 2002 Plan of Development Gallegos Canyon Unit San Juan County, New Mexico

Ladies and Gentlemen:

BP America Production Company, formerly named Amoco Production Company, as Unit Operator for the Gallegos Canyon Unit, submits for your approval the attached 3rd Amendment of the 2002 Plan of Development. More recompletion and commingling opportunities have been found for development and are noted on the attachment.

Please signify your approval of this Plan of Development by signing in the space provided on the attached sheet and returning to BP at the letterhead address. If you have any questions, please feel free to call me at (281) 366-3430.

Very truly yours,

Brett Woody

### 3<sup>nd</sup> Amendment to 2002 Plan of Development

As part of our continuing evaluation of Gallegos Canyon Unit, BP America Production Company has identified additional activities that need to be included in the 2002 Plan of Development. All of these recompletions will involve commingling the recompleted horizon with the current producing horizon(s). Formation Key CH=Chacra, DK=Dakota, MV=Mesa Verde

| Development Projects |                   |  |               |                             |  |  |  |
|----------------------|-------------------|--|---------------|-----------------------------|--|--|--|
| WELL NO.             | DEDICATION        | ТҮРЕ                                   | OBJECT<br>IVE | PERMIT                      |  |  |  |
|                      |                   |  |               | STATUS                      |  |  |  |
| GCU 96E              | NE/418-T29N-R12W  | Recomplete and<br>Commingle with<br>DK | СН            | Preparing for<br>Submission |  |  |  |
| GCU 111E             | SE/4 20-T29N-R12W | Recomplete and<br>Commingle with<br>DK | MV            | Preparing for<br>Submission |  |  |  |
| GCU 143              | NW/4 25-T29N-R12W | Recomplete and<br>Commingle with<br>DK | СН            | Preparing for<br>Submission |  |  |  |
| GCU 145              | NE/4 26-T29N-R12W | Recomplete and<br>Commingle with<br>DK | СН            | Preparing for<br>Submission |  |  |  |
| GCU 150E             | SE/4 22-T29N-R12W | Recomplete and<br>Commingle with<br>DK | СН            | Preparing for<br>Submission |  |  |  |
| GCU 151              | NE/4 21-T29N-R12W | Recomplete and<br>Commingle with<br>DK | СН            | Preparing for<br>Submission |  |  |  |
| GCU 162E             | NE/4 36-T29N-R12W | Recomplete and<br>Commingle with<br>DK | СН            | Preparing for<br>Submission |  |  |  |
| GCU 1 <b>70</b> E    | NW/4 35-T29N-R12W | Recomplete and<br>Commingle with<br>DK | СН            | Preparing for<br>Submission |  |  |  |
| GCU 263E             | NE/4 20-T29N-R12W | Recomplete and<br>Commingle with<br>DK | СН            | Preparing for<br>Submission |  |  |  |
|                      |                   |  |               |                             |  |  |  |

### 3rd AMENDMENT TO GALLEGOS CANYON UNIT AREA 2002 PLAN OF DEVELOPMENT

APPROVED:\_\_\_\_\_

,

\_Dated:\_\_\_\_

Bureau of Land Management (Subject to like approval by the Commissioner of Public Lands and the Oil Conservation Division)

APPROVED: Dated:

Commissioner of Public Lands (Subject to like approval by the Bureau of Land Management and the Oil Conservation Division)

Dated: 5/6/02 **APPROVED:** 

Oil Conservation Division (Subject to like approval by the Bureau of Land Management and the Commissioner of Public Lands)

The foregoing approvals are for the 2002 Plan of Development for the Gallegos Canyon Unit.

# bp



**BP America Production Company** 501 WestLake Park Blvd. Houston, TX 77079-3092

Phone: 281-366-2000

February 21, 2002

Bureau of Land Management Farmington Resource Area 1235 La Plata Highway – Suite A Farmington, New Mexico 87401 Oil Conservation Division State of New Mexico 2040 South Pacheco Santa Fe, New Mexico 87505

Ladies and Gentlemen:

Re: 2002 Plan of Development ("POD") Carracas Canyon Unit Area Rio Arriba County, New Mexico

Pursuant to Article 7 of the Unit Operating Agreement and Article 10 of the Carracas Canyon Unit Agreement (No. 14-08-0001-19596), BP America Production Company, Operator, hereby submits for your approval our 2002 POD.

I. <u>2001 History</u>

During 2001, the following activity was undertaken:

| API Number   | Lease/Well Name & No.           | Dedicated<br>Acreage                | Formation<br>Participating<br>Area            | Activity   |
|--------------|---------------------------------|-------------------------------------|---|--|
| 30-039-24719 | CARRACAS UNIT PC201<br>(22 B 7) | NE Section 22,<br>T32N-R4W,<br>NMPM | Pictured Cliffs<br>PC PA A4<br>Fruitland Coal | Wellbore<br>cleanout and<br>plunger lift<br>installation |
| 30-039-24349 | CARRACAS UNIT FR 102            | S2 Section 11,<br>T32N-R5W,<br>NMPM | Fruitland Coal<br>FC PA B1                    | Wellbore<br>cleanout and<br>rod pump<br>installation     |
| 30-039-24416 | CARRACAS UNIT FR 111            | N2 Section 33,<br>T32N-R5W,<br>NMPM | Fruitland Coal<br>FC PA CDE2                  | Wellbore<br>cleanout and<br>tubing<br>change             |
| 30-039-24479 | CARRACAS UNIT FR 104            | E2 Section 15,<br>T32N-R4W,<br>NMPM | Fruitland Coal<br>FC PA CDE2                  | Wellbore<br>cleanout and<br>plunger lift<br>installation |

### II. <u>Plans for 2002</u>

During 2002, the focus of operations will be to optimize production of existing wells through artificial lift. The following activity will be undertaken:

| API Number   | Lease/Well<br>Name & No.        | Dedicated<br>Acreage                | Formation<br>Participating<br>Area | Activity   |
|--------------|---------------------------------|-------------------------------------|------------------------------------|--|
| 30-039-24169 | CARRACAS UNIT<br>FR 112 (34A 5) | N2 Section 34,<br>T32N-R5W,<br>NMPM | Fruitland Coal<br>FC PA A1         | Upgrade tubing<br>and install rod<br>pump        |
| 30-039-24349 | CARRACAS UNIT<br>FR 102         | S2 Section 11,<br>T32N-R5W,<br>NMPM | Fruitland Coal<br>FC PA B1         | Wellbore cleanout<br>and downhole<br>pump change |
| 30-039-24555 | CARRACAS UNIT<br>FR 103         | N2 Section 14,<br>T32N-R5W,<br>NMPM | Fruitland Coal<br>FC PA B1         | Upgrade tubing<br>and install plunger<br>lift    |
| 30-039-24403 | CARRACAS UNIT<br>FR 113         | N2 Section 34,<br>T32N-R4W,<br>NMPM | Fruitland Coal<br>FC PA CDE2       | Upgrade tubing<br>and install plunger<br>lift    |
| 30-039-24653 | CARRACAS UNIT<br>FR 108         | S2 Section 24,<br>T32N-R4W,<br>NMPM | Fruitland Coal<br>FC PA CDE2       | Wellbore cleanout<br>and tubing<br>upgrade.      |
| 30-039-24371 | CARRACAS UNIT<br>FR 116 (27A 8) | E2 Section 27,<br>T32R-R5W,<br>NMPM | Fruitland Coal<br>FC PA A1         | Upgrade tubing<br>and install rod<br>pump        |
| 30-039-24725 | CARRACAS UNIT<br>FR 105         | S2 Section 22,<br>T32N-R4W,<br>NMPM | Fruitland Coal<br>FC PA CDE2       | Upgrade tubing<br>and install plunger<br>lift    |

### III. <u>Well Status</u>

The following is a listing for wells in the Carracas Canyon Federal Unit and the current status for each well.

| API<br>Number | Lease/Well<br>Name & No.         | Dedicated<br>Acreage                 | Туре   | Formation<br>Participating<br>Area   | Status           |
|---------------|----------------------------------|--------------------------------------|--------|--------------------------------------|------------------|
| 30-039-24160  | CARRACAS UNIT<br>FR 115          | W2 Section 35,<br>T32N-R4W,<br>NMPM  | Single | Fruitland Coal<br>FC PA CDE2         | Producing        |
| 30-039-24169  | CARRACAS UNIT<br>FR 112 (34 A 5) | N2 Section 34,<br>T32N-R5W,<br>NMPM  | Dual   | Fruitland Coal<br>FC PA A1<br>Dakota | Producing<br>T&A |
| 30-039-24278  | CARRACAS NP 82                   | N/2 Section 27,<br>T32N-R5W,<br>NMPM | SWD    | Morrison                             | SWD              |
| 30-039-24349  | CARRACAS UNIT<br>FR 102          | S2 Section 11,<br>T32N-R5W,<br>NMPM  | Single | Fruitland Coal<br>FC PA B1           | Producing        |

| 30-039-24371 | CARRACAS UNIT                   | E2 Section 27,                      | Single | Fruitland Coal                                | Producing        |
|--------------|---------------------------------|-------------------------------------|--------|---|------------------|
|              | FR 116 (27A 8)                  | T32R-R5W,<br>NMPM                   |        | FC PA A1                                      |                  |
| 30-039-24403 | CARRACAS UNIT<br>FR 113         | N2 Section 34,<br>T32N-R4W,<br>NMPM | Single | Fruitland Coal<br>FC PA CDE2                  | Producing        |
| 30-039-24415 | CARRACAS UNIT<br>FR 114         | E2 Section 35,<br>T32N-R4W,<br>NMPM | Single | Fruitland Coal<br>FC PA CDE2                  | Producing        |
| 30-039-24416 | CARRACAS UNIT<br>FR 111         | N2 Section 33,<br>T32N-R4W,<br>NMPM | Single | Fruitland Coal<br>FC PA CDE2                  | Producing        |
| 30-039-24443 | CARRACAS UNIT<br>FR 110         | E2 Section 26,<br>T32N-R4W,<br>NMPM | Single | Fruitland Coal<br>FC PA CDE2                  | Producing        |
| 30-039-24461 | CARRACAS UNIT<br>FR 101         | S2 Section 10,<br>T32N-R5W,<br>NMPM | Single | Fruitland Coal<br>FC PA B1                    | Producing        |
| 30-039-24479 | CARRACAS UNIT<br>FR 104         | E2 Section 15,<br>T32N-R4W,<br>NMPM | Single | Fruitland Coal<br>FC PA CDE2                  | Producing        |
| 30-039-24555 | CARRACAS UNIT<br>FR 103         | N2 Section 14,<br>T32N-R5W,<br>NMPM | Single | Fruitland Coal<br>FC PA B1                    | Producing        |
| 30-039-24651 | CARRACAS UNIT<br>FR 106         | E2 Section 23,<br>T32N-R4W,<br>NMPM | Single | Fruitland Coal<br>FC PA CDE2                  | Producing        |
| 30-039-24653 | CARRACAS UNIT<br>FR 108         | S2 Section 24,<br>T32N-R4W,<br>NMPM | Single | Fruitland Coal<br>FC PA CDE2                  | Producing        |
| 30-039-24696 | CARRACAS UNIT<br>FR 107         | E2 Section 23,<br>T32N-R4W,<br>NMPM | Single | Fruitland Coal<br>FC PA CDE2                  | Producing        |
| 30-039-24697 | CARRACAS UNIT<br>FR 109         | S2 Section 25,<br>T32N-R4W,<br>NMPM | Single | Fruitland Coal<br>FC PA CDE2                  | Producing        |
| 30-039-24719 | CARRACAS UNIT<br>PC201 (22 B 7) | NE Section 22,<br>T32N-R4W,<br>NMPM | Dual   | Pictured Cliffs<br>PC PA A4<br>Fruitland Coal | Producing<br>T&A |
| 30-039-24725 | CARRACAS UNIT<br>FR 105         | S2 Section 22,<br>T32N-R4W,<br>NMPM | Single | Fruitland Coal<br>FC PA CDE2                  | Producing        |
| 30-039-25234 | CARRACAS UNIT<br>PC 202         | SW Section 23,<br>T32N-R4W,<br>NMPM | Single | Pictured Cliffs<br>PC PA A4                   | Producing        |
| 30-039-25254 | CARRACAS UNIT<br>PC 203         | NW Section 26,<br>T32N-R4W,<br>NMPM | Single | Pictured Cliffs<br>PC PA A4                   | Producing        |
| 30-039-25332 | CARRACAS UNIT<br>PC 35 B 8      | NE Section 35,<br>T32N-R4W,<br>NMPM | Single | Pictured Cliffs<br>PC PA B                    | Producing        |
| 30-039-25575 | CARRACAS UNIT<br>PC 204         | NW Section 23,<br>T32N-R4W,<br>NMPM | Single | Pictured Cliffs<br>PC PA A4                   | Producing        |
| 30-039-25696 | CARRACAS UNIT<br>PC 205         | NE Section 27,<br>T32N-R4W,<br>NMPM | Single | Pictured Cliffs<br>PC PA A4                   | Producing        |

Carracas Canyon Unit 2002 Plan of Development Page 4

In accordance with Article 10 of the Unit Agreement, please provide your approvals by executing and returning a copy of this letter to the undersigned at the letterhead address.

Please contact me if there are any questions regarding this unit or this Plan of Development. A copy of this letter is being provided to the list of working interest owners on the attachment to this letter.

Very truly yours,

Damil E. Croshy

Daniel E. Crosby Production Engineer

| Direct Line: | (281) 366-0769  |
|--------------|-----------------|
| Fax:         | (281) 366-7099  |
| E-mail:      | crosbyde@bp.com |

Carracas Canyon Federal Unit 2002 Plan of development Approvals

Bureau of Land Management Oil Conservation Division

Date

3/18/02

### Working Interest Owners:

Dominion Exploration & Production, Inc. 14000 Quail Springs Parkway Suite 600 Oklahoma City, OK 73134 Attention: Rusty Waters

Seacoast Oil and Gas 9839 Whitehorn Dr. Ste B Houston, TX 77095 Seacoast Limited Partnership 9839 Whitehorn Dr. Ste B Houston, TX 77095





Amoco Production Company A Part of the BP 501 WestLake Park Blvd. Houston, TX 77079-3092

Phone: 281-366-2000

February 13, 2002

Bureau of Land Management Farmington District Office 1235 La Plata Highway, Suite A Farmington, New Mexico 87401 State of New Mexico Commissioner of Public Lands P.O. Box 1148 Santa Fe, New Mexico 87504-1148

Attn: Geneva McDugal

State of New Mexico Energy, Minerals and Natural Resources Department Oil Conservation Division 2040 S. Pacheo Santa Fe, New Mexico 87505

Attn: Ms. Lori Wrotenbery, Director

Re: 1<sup>st</sup> Amendment to 2002 Plan of Development Gallegos Canyon Unit San Juan County, New Mexico

Ladies and Gentlemen:

BP America Production Company, formerly named Amoco Production Company, as Unit Operator for the Gallegos Canyon Unit, submits for your approval the attached 1<sup>st</sup> Amendment of 2001 Operations and 2002 Plan of Development. Additional opportunities have been found for development and are noted on the attached document as **2002 Plan of Development Additions**.

Please signify your approval of this Plan of Development by signing in the space provided on the attached sheet and returning to BP at the letterhead address. If you have any questions, please feel free to call me at (281) 366-3430.

Very truly yours,

Shett Wood

Brett Woody

### 2002 Plan of Development Additions

As part of our continuing evaluation of Gallegos Canyon Unit, BP America has identified additional activities that need to be included in the 2002 Plan of Development. All of these recompletions will involve commingling the recompleted horizon with the current producing horizon(s).

| Development Projects |                |         |           |               |  |
|----------------------|----------------|---------|-----------|---------------|--|
| WELL NO.             | LOCATION       |         | OBJECTIVE | PERMIT        |  |
|                      |                | HORIZON |           | STATUS        |  |
| GCU 42               | SW02-T28N-R13W | FC FC   | FC/PC     | Preparing for |  |
|                      |                |         |           | Submission    |  |
| GCU 176E             | NE25-T28N-R13W | FC/DK   | FC/PC/DK  | Preparing for |  |
|                      |                |         |           | Submission    |  |
| GCU 193E             | SW30-T28N-R12W | FC/DK   | FC/PC/DK  | Preparing for |  |
|                      |                |         |           | Submission    |  |
| GCU 196              | SW19-T28N-R12W | FC/DK   | FC/PC/DK  | Preparing for |  |
|                      |                |         |           | Submission    |  |
| GCU 295              | SW10-T28N-R12W | FC      | FC/PC     | Preparing for |  |
|                      |                |         |           | Submission    |  |
| GCU 310              | SE09-T28N-R12W | FS      | FS/PC     | Preparing for |  |
|                      |                |         |           | Submission    |  |
| GCU 311              | SW14-T28N-R12W | FC      | FC/PC     | Preparing for |  |
|                      |                |         |           | Submission    |  |
| GCU 319              | NW30-T28N-R12W | FS      | FS/PC     | Preparing for |  |
|                      |                |         |           | Submission    |  |
| GCU 323              | SW32-T29N-R12W | FC      | FC/PC     | Preparing for |  |
|                      |                |         |           | Submission    |  |
| GCU 332              | SE31-T29N-R12W | FC      | FC/PC     | Preparing for |  |
|                      |                |         |           | Submission    |  |
| GCU 334              | SW11-T28N-R12W | FC      | FC/PC     | Preparing for |  |
|                      |                |         |           | Submission    |  |
|                      |                |         |           |               |  |

**Development Projects** 

### 1<sup>st</sup> AMENDMENT TO GALLEGOS CANYON UNIT AREA 2002 PLAN OF DEVELOPMENT

| APPROVED | :Dated:  |
|----------|--|
|          | Bureau of Land Management<br>(Subject to like approval by the Commissioner of Public Lands and the Oil<br>Conservation Division) |
| APPROVED | :Dated:  |
|          | Commissioner of Public Lands<br>(Subject to like approval by the Bureau of Land Management and the Oil<br>Conservation Division) |
| APPROVED | : Dated: 3/28/07   |

Oil Conservation Division (Subject to like approval by the Bureau of Land Management and the Commissioner of Public Lands)

The foregoing approvals are for the 2002 Plan of Development for the Gallegos Canyon Unit.

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

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

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

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

January 3, 2002

Amoco Production Company 501 Westlake Park Blvd. Houston, Texas 77079-3092

Attn: Mr. Max K. Eddington

Re: 2002 Plan of Development Gallegos Canyon Unit San Juan County, New Mexico

Dear Mr. Eddington:

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

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

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

Very truly yours,

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

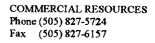
BY:

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

RP/JB/cpm xc: Reader File

OCD

BLM



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

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

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



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





Amoco Production Company A Part of bp 501 WestLake Park Blvd. Houston, TX 77079-3092

Phone: 281-366-2000

June 1, 2001

Bureau of Land Management Farmington District Office 1235 La Plata Highway, Suite A Farmington, New Mexico 87401 Attn: Mr. Duane Spencer State of New Mexico Commissioner of Public Lands P.O. Box 1148 Santa Fe, New Mexico 85704-1148

State of New Mexico Energy, Minerals and Natural Resources Department Oil Conservation Division 2040 S. Pacheo Santa Fe, New Mexico 87505 Attn: Ms. Lori Wrotenbery, Director

Gentlemen:

Re: Second Revision 2001 Plan of Development Gallegos Canyon Unit San Juan County, New Mexico

Amoco Production Company, as Unit Operator for the Gallegos Canyon Unit, Submits for your approval the attached second revision of the 2001 Plan of Development.

Please signify your approval of this Plan of Development by signing in the space provided on the attached sheet and returning to Amoco at the letterhead address. It you have any questions, please feel free to call me at (281) 366-3430.

Very truly yours,

Max K. Eddington

Enclosures

# 2<sup>ND</sup> Revision 2001 Plan of Development (Additions)

As part of our continuing evaluation of Gallegos Canyon Unit, BP Amoco has identified additional activities that need to be included in the 2001 Plan of Development. Some of the recompletions will involve commingling the recompleted horizon with the current producing horizon.

| WELL NO. | LOCATION       | CURRENT | OBJECTIVE | PERMIT      |  |
|----------|----------------|---------|-----------|-------------|--|
|          |                | HORIZON |           | STATUS      |  |
| GCU 93   | NW36-T29N-R12W | Dakota  | FC        | WO Approval |  |
| GCU 204E | SE34-T28N-R12W | Dakota  | FS        | WO Approval |  |
| GCU 18   | NE21-T28N-R12W | FC      | FC/PC     | WO Approval |  |
| GCU 41   | NE32-T28N-R12W | FC      | FC/PC     | WO Approval |  |
| GCU 57   | SW35-T28N-R12W | FC      | FC/PC     | WO Approval |  |
| GCU 155E | NW23-T28N-R13W | Dakota  | FS        | WO Approval |  |
| GCU 229E | SE21-T28N-R12W | Dakota  | FM/DK     | WO Approval |  |
| GCU 623  | NW25-T28N-R12W | PC      | FS/PC     | WO Approval |  |

**Development Projects** 

## GALLEGOS CANYON UNIT SECOND REVISION TO 2001 PLAN OF DEVELOPMENT

| APPROVED  | Dated:Dated:   |
|-----------|--|
|           | Bureau of Land Management<br>(Subject to like approval by the Commissioner of Public Lands and<br>the Oil Conservation Division) |
| APPROVED: | Dated:   |
|           | Commissioner of Public Lands<br>(Subject to like approval by the Bureau of Land Management and<br>the Oil Conservation Division) |
| APPROVED: | Englin Dated: 6/26/2001  |

Oil Conservation Division (Subject to like approval by the Bureau of Land Management and the Commissioner of Public Lands)

The foregoing approvals are for the 2ND Revision to 2001 Plan of Development for the Gallegos Canyon Unit.

# 2



Amoco Production Company 501 WestLake Park Blvd. Houston, TX 77079-3092

Phone: 281-366-2000

April 23, 2001

DD

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Bureau of Land Management Farmington District Office 1235 La Plata Highway, Suite A Farmington, New Mexico 87401 Attn: Mr. Duane Spencer State of New Mexico Commissioner of Public Lands P O Box 1148 Santa Fe, New Mexico 85704-1148

State of New Mexico Energy, Minerals and Natural Resources Department Oil Conservation Division 2040 S. Pacheo Santa Fe, New Mexico 87505 Attn: Ms. Lori Wrotenbery, Director

APR 2 6 2001

Gentlemen:

Re: First Revision 2001 Plan of Development Gallegos Canyon Unit San Juan County, New Mexico

Amoco Production Company, as Unit Operator for the Gallegos Canyon Unit, submits for your approval the attached first revision of the 2001 Plan of Development.

Please signify your approval of this Plan of Development by signing in the space provided on the attached sheet and returning to Amoco at the letterhead address. It you have any questions, please feel free to call me at (281) 366-3430.

Very truly yours,

Max K. Eddington

Enclosures

2001RevPod40301.doc

2001RevPod40301.doc

## GALLEGOS CANYON UNIT FIRST REVISION TO 2001 PLAN OF DEVELOPMENT

| APPROVED: | Dated:   |
|-----------|--|
|           | Bureau of Land Management<br>(Subject to like approval by the Commissioner of Public Lands and<br>the Oil Conservation Division) |
|           |  |
| APPROVED: | Dated:   |
|           | Commissioner of Public Lands<br>(Subject to like approval by the Bureau of Land Management and<br>the Oil Conservation Division) |
| APPROVED: | Oil Conservation Division<br>(Subject to like approval by the Bureau of Land Management and the Commissioner of Public Lands)    |

The foregoing approvals are for the 1<sup>ST</sup> Revision to 2001 Plan of Development for the Gallegos Canyon Unit.

#### **2001 Plan of Development Additions**

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As part of our continuing evaluation of Gallegos Canyon Unit, BP Amoco has identified additional activities that need to be included in the 2001 Plan of Development. Some of the recompletions will involve commingling the recompleted horizon with the current producing horizon.

| Development Projects |                |         |           |             |
|----------------------|----------------|---------|-----------|-------------|
| WELL NO.             | LOCATION       | CURRENT | OBJECTIVE | PERMIT      |
|                      |                | HORIZON |           | STATUS      |
| GCU 134E             | SE17-T29N-R12W | Dakota  | CH/DK     | WO Approval |
| GCU 143E             | SW25-T29N-R12W | Dakota  | CH/DK     | WO Approval |
| GCU GC D 160         | SE27-T29N-R12W | Dakota  | CH        | WO Approval |
| GCU 150E             | SE22-T29N-R12W | Dakota  | CH/FC/DK  | WO Approval |
| GCU 551              | SE18-T28N-R11W | FC      | FS/FC     | WO Approval |
| GCU 227              | NE20-T28N-R12W | Dakota  | FS        | WO Approval |
| GCU 229E             | SE21-T28N-R12W | Dakota  | FM        | WO Approval |
| GCU 335              | SE14-T28N-R12W | PC      | FS/PC     | WOApproved  |

**Development Projects** 



#### Amoco Exploration and Production

501 Westlake Park Blvd. Houston, Texas 77079 (281) 366-2000

March 3, 2000

Bureau of Land Management Farmington District Office 1235 La Plata Highway, Suite A Farmington, New Mexico 87401 Attn : Mr. Duane Spencer

State of New Mexico Commissioner of Public Lands P O Box 1148 Santa Fe, New Mexico 87504-1148

State of New Mexico Energy, Minerals and Natural Resources Department Oil Conservation Division 2040 S. Pacheo Santa Fe, New Mexico 87505 Attn : Ms. Lori Wrotenbery, Director

Re: 1999 Review of Operations 2000 Plan of Development Gallegos Canyon Unit San Juan County, New Mexico

00 MAR - 8 AN 10: 51 OL CONSTRATION DW.

Gentlemen:

Amoco Production Company, as Unit Operator for the Gallegos Canyon Unit, submits for your approval the attached Review of 1999 Operations and 2000 Plan of Development.

Please signify your approval of this Plan of Development by signing in the space provided on the attached sheet and returning to Amoco at the letterhead address. If you have any questions, please feel free to call me at (281) 366-3430.

Very truly yours,

May K. Eddington /EDL Max K. Eddington

enclosures

xc: All Working Interest Owners (See attached list)

# GALLEGOS CANYON UNIT 2000 PLAN OF DEVELOPMENT

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| APPROVED | Dated:   |
|----------|--|
|          | Bureau of Land Management<br>(Subject to like approval by the Commissioner of Public Lands and the Oil<br>Conservation Division) |
| APPROVED | ):Dated:   |
|          | Commissioner of Public Lands<br>(Subject to like approval by the Bureau of Land Management and the Oil<br>Conservation Division) |
| APPROVED | D: Ty Chom Dated: 3/15/2K  |
|          | Oil Conservation Division<br>(Subject to like approval by the Bureau of Land Management and the                                  |
|          | Commissioner of Public Lands)  |

The foregoing approvals are for the 2000 Plan of Development for the Gallegos Canyon Unit.

#### **Review of 1999 Operations**

Shown in Table I are the cumulative volumes of gas, oil and water produced from each reservoir in the Gallegos Canyon Unit. Table II summarizes the well status in each horizon. Historical production graphs for each horizon are attached.

| Cumulative Production as of 9/30/99 |               |                      |  |
|-------------------------------------|---------------|----------------------|--|
| FORMATION                           | GAS<br>(MMCF) | CONDENSATE<br>(MBLS) |  |
| Farmington Sands                    | 89            |                      |  |
| Fruitland Sands                     | 12,211        |                      |  |
| Fruitland Coal                      | 33,714        |                      |  |
| Pictured Cliffs                     | 160,812       | 4                    |  |
| Gallup                              | 1,1050        | 3,150                |  |
| Dakota                              | 453,086       | 3,582                |  |

TABLE I

# TABLE IIProduction Status by Formation

| FORMATION        | ACTIVE | INACTIVE |  |
|------------------|--------|----------|--|
| Farmington Sands | 1      | 1        |  |
| Fruitland Sands  | 22     | 6        |  |
| Fruitland Coal   | 60     | 11       |  |
| Pictured Cliffs  | 124    | 59       |  |
| Gallup           | 6      | 17       |  |
| Dakota           | 201    | 52       |  |

| 1999 Work Status |                 |                 |           |           |
|------------------|-----------------|-----------------|-----------|-----------|
| WELL NO.         | LOCATION        | ORIGINAL        | OBJECTIVE | STATUS    |
|                  |                 | HORIZON         |           |           |
| GCU 155E         | NW23-T28N-R13W  | Dakota          | FC/PC     | Canceled  |
| GCU 159          | NW31-T28N-R12W  | Dakota          | FC.       | Producing |
| GCU Com D 160    | SE27-T29N-R12W  | Dakota          | FC        | Deferred  |
| GCU Com H 180    | SE28-T29N-R12W  | Dakota          | FC/PC     | Deferred  |
| GCU 192E         | NE30-T28N-R12W  | Dakota          | FC        | Canceled  |
| GCU 209          | SW15-T28N-R12W  | Dakota          | FC        | Producing |
| GCU 213E         | SW8-T28N-R12W   | Dakota          | FC        | Canceled  |
| GCU 226          | SW18-T28N-R12W  | Dakota          | FC        | Producing |
| GCU 229E         | SE21-T28N-R12W  | Dakota          | FC        | Deferred  |
| GCU 242          | NW24-T28N-R12W  | Dakota          | FC        | Canceled  |
| GCU 283          | 29B-T29N-R12W   | Pictured Cliffs | FC/PC     | Canceled  |
| GCU 330          | NE24-T29N-R13W  | Pictured Cliffs | FS/PC     | Canceled  |
| GCU 333          | NE33-T29N-R12W  | Pictured Cliffs | FS/FC/PC  | Canceled  |
| GCU 335          | SE 14-T28N-R12W | Pictured Cliffs | FS/FC/PC  | Canceled  |
| GCU 517          | 18H-T28N-R11W   | Pictured Cliffs | FC/PC     | Canceled  |
| NEW WELL 551     | SE18-T28N-R11W  | new             | PC        | Deferred  |
| NEW WELL 553     | SW33-T29N-R12W  | new             | PC/FC     | Deferred  |
| NEW WELL 552     | NE17-T28N-R12W  | new             | PC/FC/FS  | Deferred  |
| GCU 173          | NE29-T29N-R12W  | Dakota          | FC        | Producing |
| GCU 169          | SE35-T29N-R12W  | Dakota          | PC/FC     | Deferred  |
| GCU 213          | SE8-T28N-R12W   | Dakota          | FC/PC     | Deferred  |
| GCU 235E         | SE13-T28N-R13W  | Dakota          | FC/PC     | Deferred  |
| GCU 193E         | SW30-T28N-R12W  | Dakota          | FC        | Deferred  |
| GCU 265E         | SW25-T28N-R12W  | Dakota          | FC/PC     | Deferred  |
| GCU 400E         | NE25-T28N-R12W  | Dakota          | FC        | Canceled  |
| GCU 158          | NW36-T28N-R13W  | Dakota          | FC/PC     | Canceled  |
| GCU 245E         | NE36-T28N-R12W  | Dakota          | FC        | Producing |
| GCU 243          | NE24-T28N-R12W  | Dakota          | FC        | Producing |
| NEW WELL         | NE13-T28N-R12W  | new             | FC/PC     | Deferred  |
| NEW WELL         | SE12-T28N-R12W  | new             | FC        | Deferred  |
| NEW WELL         | SE35-T29N-R12W  | new             | FC/PC     | Cancelled |

TABLE III 1999 Work Status

#### 2000 Plan of Development

BP Amoco will continue to develop the Pictured Cliffs and Fruitland Coal horizons within the Gallegos Canyon Unit through recompletions and selective drilling. Current plans include the drilling of approximately 20 new wells and the recompleting of 20 existing wellbores from the list below. As some of the proposed drilling locations are expected to encounter surface access problems, the list in Table IV below will be revised accordingly.

|                | Development Projects |         |           |             |
|----------------|----------------------|---------|-----------|-------------|
| WELL NO.       | LOCATION             | CURRENT | OBJECTIVE | PERMIT      |
|                |                      | HORIZON |           | STATUS      |
| GCU 235E       | SE13-T28N-R13W       | Dakota  | FC        | Approved    |
| GCU 169        | SE35-T29N-R12W       | Dakota  | FC        | Approved    |
| GCU Com D 160  | SE27-T29N-R12W       | Dakota  | FC        | Approved    |
| GCU 213        | SE8-T28N-R12W        | Dakota  | FC        | WO Approval |
| GCU Com H 180  | SE28-T29N-R12W       | Dakota  | FC/PC     | Approved    |
| GCU 196        | SW19-T28N-R12W       | Dakota  | FC        | WO Approval |
| GCU 93         | NW36-T29N-R12W       | Dakota  | FC        | WO Approval |
| GCU Com D 160E | SW27-T29N-R12W       | Dakota  | FC        | WO Approval |
| GCU 214        | NE16-T28N-R12W       | Dakota  | FC        | WO Approval |
| GCU 193E       | SW30-T28N-R12W       | Dakota  | FC        | WO Approval |
| GCU 265E       | SW25-T28N-R12W       | Dakota  | FC/PC     | WO Approval |
| GCU 219        | NE23-T28N-R12W       | Dakota  | FC        | WO Approval |
| GCU 176E       | NE25-T28N-R13W       | Dakota  | FC/PC     | WO Approval |
| GCU 223        | SW9-T28N-R12W        | Dakota  | FC/PC     | WO Approval |
| GCU 187        | NW30-T29N-R12W       | Dakota  | FC        | WO Approval |
| GCU 189        | NW36-T29N-R13W       | Dakota  | FC        | WO Approval |
| GCU 135        | NW26-T29N-R13W       | Dakota  | FC        | WO Approval |
| NEW WELL 551   | SE18-T28N-R11W       | new     | PC        | Approved    |
| NEW WELL 552   | NE17-T28N-R12W       | new     | PC/FC     | Approved    |
| NEW WELL 553   | SW33-T29N-R12W       | new     | PC/FC     | Approved    |
| NEW WELL 554   | NE13-T28N-R12W       | new     | FC/PC     | Approved    |
| NEW WELL 555   | SE12-T28N-R12W       | new     | PC        | WO Approval |
| NEW WELL 556   | NW18-T28N-R11W       | new     | PC        | Approved    |
| NEW WELL 558   | SW16-T29N-R12W       | new     | FC        | Approved    |
| NEW WELL 559   | NE19-T29N-R12W       | new     | FC        | Approved    |
| NEW WELL 560   | SW20-T29N-R12W       | new     | FC        | Approved    |
| NEW WELL 561   | SE21-T29N-R12W       | new     | PC        | Approved    |
| NEW WELL 562   | NW22-T29N-R12W       | new     | FC        | WO Approval |
| NEW WELL 563   | SW26-T29N-R12W       | new     | FC        | WO Approval |
| NEW WELL 564   | SE31-T29N-R12W       | new     | FC        | WO Approval |
| NEW WELL 565   | SE7-T28N-R11W        | new     | FC        | WO Approval |
| NEW WELL 566   | W28-T29N-R12W        | new     | FC        | WO Approval |
| NEW WELL 567   | NE32-T29N-R12W       | new     | FC        | WO Approval |
| NEW WELL 568   | NE36-T29N-R12W       | new     | FC        | WO Approval |
| NEW WELL       | NW23-T29N-R13W       | new     | FC        | WO Approval |
| NEW WELL       | NW17-T29N-R12W       | new     | FC        | WO Approval |
| NEW WELL       | NW13-T29N-R13W       | new     | FC        | WO Approval |
| NEW WELL       | NW19-T28N-R11W       | new     | FC        | WO Approval |
| NEW WELL       | NE33-T29N-R12W       | new     | FC        | WO Approval |
| NEW WELL       | NW18-T28N-R12W       | new     | PC        | WO Approval |
| NEW WELL       | NW20-T28N-R12W       | new     | PC        | WO Approval |
| NEW WELL       | SE20-T28N-R12W       | new     | PC        | WO Approval |
| NEW WELL       | NW28-T28N-R12W       | new     | PC        | WO Approval |
| NEW WELL       | NW19-T28N-R12W       | new     | PC        | WO Approval |
| NEW WELL       | SE19-T28N-R12W       | new     | PC        | WO Approval |
| NEW WELL       | NE14-T28N-R13W       | new     | FC        | WO Approval |

Table IV Development Projects

#### GALLEGOS CANYON UNIT /FT COAL/

190380

BURLINGTON RESOURCES OIL AND GAS CO PO BOX 840656 DALLAS, TX, 75284-0656

ENERGEN RESOURCES MAQ INC PO BOX 201769 HOUSTON, TX, 77216-0001

DAVID ALLEN FULSAAS 3143 BUTTERS DR OAKLAND, CA, 94602-2632

MARILYN A FULSAAS 2440 BRYANT ST PALO ALTO, CA, 94301-4204

THEODORE FREDERICK FULSAAS 3143 BUTTERS DR OAKLAND, CA, 94602-2632

HELEN L HUNT 5482 SAN PABLO DAM RD EL SOBRANTE, CA, 94803-3468

LOUISE Y LOCKE LLOYD D LOCKE GUARDIAN PO BOX 1926 RIFLE, CO, 81650-1926

PRODUCTION GATHERING COMPANY LLC 9319 LBJ FWY STE 204 DALLAS, TX, 75243-3453

ROBERT UMBACH C/O RONALD BROJZMAN 2336 CANYON BLVD, SUITE 200 BOULDER, CO 80302

CHASE OIL CORPORATION PO BOX 1767 ARTESIA, NM, 88211-1767

FOUR STAR OIL AND GAS PO BOX 841100 DALLAS, TX, 75284-1100

DONALD S FULSAAS 4865 LOWRY RD OAKLAND, CA. 94605-5727

**RICHARD M FULSAAS** 1417 W KIERNAN AVE SPOKANE, WA, 99205-2640

JOHNSON FAMILY ROYALTY TRUST THEODORE A JOHNSON SUC TRUSTEE 1050 FLAMING GORGE RD CORONA, CA, 91720-3610

MARYAN KLINGER REVOCABLE TRUST ROBERT W KLINGER SUCCESSOR TRUSTEE 2050 ANGELICO CIR STOCKTON, CA, 95207-7869

**MMHTRUST** ROBERT G HANAGAN TRUSTEE **PO BOX 1887** SANTA FE, NM, 87504-1887

KALVESTRAND FAMILY 1997 TRUST U/T/D 7/2/97 PATRICIA B AND VERNON R KALVESTRAND TRUSTEES 3453 TORO WAY REDDING, CA, 96002-9763

GEORGE WILLIAM UMBACH C/O NATIONSBANK DIRECT DEPOSIT 3515978291 P O BOX 25335 TAMPA, FL, 33622-5335

ARNOLD EDWARD FULSAAS

**PO BOX 420** 

ERIC MARTIN FULSAAS 3143 BUTTERS DR OAKLAND, CA, 94602-2632

STEPHEN RUSSELL FULSAAS 3143 BUTTERS DR OAKLAND, CA, 94602-2632

HANNETT STEELE PARTNERS NATIONSBANK AGENT PO BOX 840738 DALLAS, TX, 75284-0738

3143 BUTTERS DR OAKLAND, CA, 94602-2632

FARMINGTON, NM, 87499-0420

DUGAN PRODUCTION CORPORATION

WILLIAMS PRODUCTION COMPANY ACCT# 2-083-1133-8 LOCK BOX 1111 TULSA, OK, 74101-1111 WOOD OIL COMPANY DEPT 19 TULSA, OK, 74182

#### GALLEGOS CANYON UNIT /FT COAL/

190380

#### GALLEGOS CANYON UNIT 2000 PLAN OF DEVELOPMENT

| APPROVED: | Dated: |
|-----------|--------|
| AFFILU.   | Dateu. |

Bureau of Land Management (Subject to like approval by the Commissioner of Public Lands and the Oil Conservation Division)

APPROVED:\_\_\_\_\_ Dated:

Commissioner of Public Lands (Subject to like approval by the Bureau of Land Management and the Oil Conservation Division)

\_\_\_\_\_Dated: 2/21/00 m **APPROVED:** 

Oil Conservation Division (Subject to like approval by the Bureau of Land Management and the Commissioner of Public Lands)

The foregoing approvals are for the 2000 Plan of Development for the Gallegos Canyon Unit.

#### **Review of 1999 Operations**

Shown in Table I are the cumulative volumes of gas, oil and water produced from each reservoir in the Gallegos Canyon Unit. Table II summarizes the well status in each horizon. Historical production graphs for each horizon are attached.

| Culturative      | Cumulative Flouretion as of 9/30/99 |                      |  |  |
|------------------|-------------------------------------|----------------------|--|--|
| FORMATION        | GAS<br>(MMCF)                       | CONDENSATE<br>(MBLS) |  |  |
| Farmington Sands | 89                                  |                      |  |  |
| Fruitland Sands  | 12,211                              |                      |  |  |
| Fruitland Coal   | 33,714                              |                      |  |  |
| Pictured Cliffs  | 160,812                             | 4                    |  |  |
| Gallup           | 1,1050                              | 3,150                |  |  |
| Dakota           | 453,086                             | 3,582                |  |  |

# TABLE I Cumulative Production as of 9/30/99

TABLE IIProduction Status by Formation

| FORMATION        | ACTIVE | INACTIVE |
|------------------|--------|----------|
| Farmington Sands | 1      | 1        |
| Fruitland Sands  | 22     | 6        |
| Fruitland Coal   | 60     | 11       |
| Pictured Cliffs  | 124    | 59       |
| Gallup           | 6      | 17       |
| Dakota           | 201    | 52       |

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| WELL NO.      | LOCATION        | ORIGINAL        | OBJECTIVE | STATUS    |
|---------------|-----------------|-----------------|-----------|-----------|
|               |                 | HORIZON         |           |           |
| GCU 155E      | NW23-T28N-R13W  | Dakota          | FC/PC     | Canceled  |
| GCU 159       | NW31-T28N-R12W  | Dakota          | FC        | Producing |
| GCU Com D 160 | SE27-T29N-R12W  | Dakota          | FC        | Deferred  |
| GCU Com H 180 | SE28-T29N-R12W  | Dakota          | FC/PC     | Deferred  |
| GCU 192E      | NE30-T28N-R12W  | Dakota          | FC        | Canceled  |
| GCU 209       | SW15-T28N-R12W  | Dakota          | FC        | Producing |
| GCU 213E      | SW8-T28N-R12W   | Dakota          | FC        | Canceled  |
| GCU 226       | SW18-T28N-R12W  | Dakota          | FC        | Producing |
| GCU 229E      | SE21-T28N-R12W  | Dakota          | FC        | Deferred  |
| GCU 242       | NW24-T28N-R12W  | Dakota          | FC        | Canceled  |
| GCU 283       | 29B-T29N-R12W   | Pictured Cliffs | FC/PC     | Canceled  |
| GCU 330       | NE24-T29N-R13W  | Pictured Cliffs | FS/PC     | Canceled  |
| GCU 333       | NE33-T29N-R12W  | Pictured Cliffs | FS/FC/PC  | Canceled  |
| GCU 335       | SE 14-T28N-R12W | Pictured Cliffs | FS/FC/PC  | Canceled  |
| GCU 517       | 18H-T28N-R11W   | Pictured Cliffs | FC/PC     | Canceled  |
| NEW WELL 551  | SE18-T28N-R11W  | new             | PC        | Deferred  |
| NEW WELL 553  | SW33-T29N-R12W  | new             | PC/FC     | Deferred  |
| NEW WELL 552  | NE17-T28N-R12W  | new             | PC/FC/FS  | Deferred  |
| GCU 173       | NE29-T29N-R12W  | Dakota          | FC        | Producing |
| GCU 169       | SE35-T29N-R12W  | Dakota          | PC/FC     | Deferred  |
| GCU 213       | SE8-T28N-R12W   | Dakota          | FC/PC     | Deferred  |
| GCU 235E      | SE13-T28N-R13W  | Dakota          | FC/PC     | Deferred  |
| GCU 193E      | SW30-T28N-R12W  | Dakota          | FC        | Deferred  |
| GCU 265E      | SW25-T28N-R12W  | Dakota          | FC/PC     | Deferred  |
| GCU 400E      | NE25-T28N-R12W  | Dakota          | FC        | Canceled  |
| GCU 158       | NW36-T28N-R13W  | Dakota          | FC/PC     | Canceled  |
| GCU 245E      | NE36-T28N-R12W  | Dakota          | FC        | Producing |
| GCU 243       | NE24-T28N-R12W  | Dakota          | FC        | Producing |
| NEW WELL      | NE13-T28N-R12W  | new             | FC/PC     | Deferred  |
| NEW WELL      | SE12-T28N-R12W  | new             | FC        | Deferred  |
| NEW WELL      | SE35-T29N-R12W  | new             | FC/PC     | Cancelled |

#### TABLE III 1999 Work Status

#### 2000 Plan of Development

BP Amoco will continue to develop the Pictured Cliffs and Fruitland Coal horizons within the Gallegos Canyon Unit through recompletions and selective drilling. Current plans include the drilling of approximately 20 new wells and the recompleting of 20 existing wellbores from the list below. As some of the proposed drilling locations are expected to encounter surface access problems, the list in Table IV below will be revised accordingly.

| Development Projects |                                       |         |           |             |
|----------------------|---------------------------------------|---------|-----------|-------------|
| WELL NO.             | LOCATION                              | CURRENT | OBJECTIVE | PERMIT      |
|                      |                                       | HORIZON |           | STATUS      |
| GCU 235E             | SE13-T28N-R13W                        | Dakota  | FC        | Approved    |
| GCU 169              | SE35-T29N-R12W                        | Dakota  | FC        | Approved    |
| GCU Com D 160        | SE27-T29N-R12W                        | Dakota  | FC        | Approved    |
| GCU 213              | SE8-T28N-R12W                         | Dakota  | FC        | WO Approval |
| GCU Com H 180        | SE28-T29N-R12W                        | Dakota  | FC/PC     | Approved    |
| GCU 196              | SW19-T28N-R12W                        | Dakota  | FC        | WO Approval |
| GCU 93               | NW36-T29N-R12W                        | Dakota  | FC        | WO Approval |
| GCU Com D 160E       | SW27-T29N-R12W                        | Dakota  | FC        | WO Approval |
| GCU 214              | NE16-T28N-R12W                        | Dakota  | FC        | WO Approval |
| GCU 193E             | SW30-T28N-R12W                        | Dakota  | FC        | WO Approval |
| GCU 265E             | SW25-T28N-R12W                        | Dakota  | FC/PC     | WO Approval |
| GCU 219              | NE23-T28N-R12W                        | Dakota  | FC        | WO Approval |
| GCU 176E             | NE25-T28N-R13W                        | Dakota  | FC/PC     | WO Approval |
| GCU 223              | SW9-T28N-R12W                         | Dakota  | FC/PC     | WO Approval |
| GCU 187              | NW30-T29N-R12W                        | Dakota  | FC        | WO Approval |
| GCU 189              | NW36-T29N-R13W                        | Dakota  | FC        | WO Approval |
| GCU 135              | NW26-T29N-R13W                        | Dakota  | FC        | WO Approval |
| NEW WELL 551         | SE18-T28N-R11W                        | new     | PC        | Approved    |
| NEW WELL 552         | NE17-T28N-R12W                        | new     | PC/FC     | Approved    |
| NEW WELL 553         | SW33-T29N-R12W                        | new     | PC/FC     | Approved    |
| NEW WELL 554         | NE13-T28N-R12W                        | new     | FC/PC     | Approved    |
| NEW WELL 555         | SE12-T28N-R12W                        | new     | PC        | WO Approval |
| NEW WELL 556         | NW18-T28N-R11W                        | new     | PC        | Approved    |
| NEW WELL 558         | SW16-T29N-R12W                        | new     | FC        | Approved    |
| NEW WELL 559         | NE19-T29N-R12W                        | new     | FC        | Approved    |
| NEW WELL 560         | SW20-T29N-R12W                        | new     | FC        | Approved    |
| NEW WELL 561         | SE21-T29N-R12W                        | new     | PC        | Approved    |
| NEW WELL 562         | NW22-T29N-R12W                        | new     | FC        | WO Approval |
| NEW WELL 563         | SW26-T29N-R12W                        | new     | FC        | WO Approval |
| NEW WELL 564         | SE31-T29N-R12W                        | new     | FC        | WO Approval |
| NEW WELL 565         | SE7-T28N-R11W                         | new     | FC        | WO Approval |
| NEW WELL 566         | W28-T29N-R12W                         | new     |           | WO Approval |
| NEW WELL 567         | NE32-T29N-R12W                        | new     | FC        | WO Approval |
| NEW WELL 568         | NE36-T29N-R12W                        | new     | FC        | WO Approval |
| NEW WELL             | NW23-T29N-R13W                        | new     | FC        | WO Approva  |
| NEW WELL             | NW17-T29N-R12W                        | new     | FC        | WO Approva  |
| NEW WELL             | NW13-T29N-R13W                        | new     | FC        | WO Approval |
| NEW WELL             | NW19-T28N-R11W                        | new     | FC        | WO Approval |
| NEW WELL             | NE33-T29N-R12W                        | new     | FC<br>FC  | WO Approval |
| NEW WELL             | NW18-T28N-R12W                        |         | PC        |             |
| NEW WELL             | NW20-T28N-R12W                        | new     | PC<br>PC  | WO Approval |
| NEW WELL             | SE20-T28N-R12W                        | new     |           | WO Approva  |
|                      | · · · · · · · · · · · · · · · · · · · | new     | PC        | WO Approval |
| NEW WELL             | NW28-T28N-R12W                        | new     | PC        | WO Approval |
| NEW WELL             | NW19-T28N-R12W                        | new     | PC        | WO Approval |
| NEW WELL             | SE19-T28N-R12W                        | new     | PC        | WO Approval |
| NEW WELL             | NE14-T28N-R13W                        | new     | FC        | WO Approval |

Table IV

#### GALLEGOS CANYON UNIT /FT COAL/

190380

BURLINGTON RESOURCES OIL AND GAS CO PO BOX 840656 DALLAS, TX, 75284-0656

CHASE OIL CORPORATION PO BOX 1767 ARTESIA, NM, 88211-1767

FOUR STAR OIL AND GAS PO BOX 841100 DALLAS, TX, 75284-1100

DONALD S FULSAAS 4865 LOWRY RD OAKLAND, CA, 94605-5727

RICHARD M FULSAAS 1417 W KIERNAN AVE SPOKANE, WA, 99205-2640

JOHNSON FAMILY ROYALTY TRUST THEODORE A JOHNSON SUC TRUSTEE 1050 FLAMING GORGE RD CORONA, CA, 91720-3610

MARYAN KLINGER REVOCABLE TRUST ROBERT W KLINGER SUCCESSOR TRUSTEE 2050 ANGELICO CIR STOCKTON, CA, 95207-7869

M M H TRUST ROBERT G HANAGAN TRUSTEE PO BOX 1887 SANTA FE, NM, 87504-1887 DUGAN PRODUCTION CORPORATION PO BOX 420 FARMINGTON, NM, 87499-0420

ARNOLD EDWARD FULSAAS 3143 BUTTERS DR OAKLAND, CA, 94602-2632

ERIC MARTIN FULSAAS 3143 BUTTERS DR OAKLAND, CA, 94602-2632

STEPHEN RUSSELL FULSAAS 3143 BUTTERS DR OAKLAND, CA, 94602-2632

HANNETT STEELE PARTNERS NATIONSBANK AGENT PO BOX 840738 DALLAS, TX, 75284-0738

KALVESTRAND FAMILY 1997 TRUST U/T/D 7/2/97 PATRICIA B AND VERNON R KALVESTRAND TRUSTEES 3453 TORO WAY REDDING, CA, 96002-9763

GEORGE WILLIAM UMBACH C/O NATIONSBANK DIRECT DEPOSIT 3515978291 P O BOX 25335 TAMPA, FL, 33622-5335 ENERGEN RESOURCES MAQ INC PO BOX 201769 HOUSTON, TX, 77216-0001

DAVID ALLEN FULSAAS 3143 BUTTERS DR OAKLAND, CA, 94602-2632

MARILYN A FULSAAS 2440 BRYANT ST PALO ALTO, CA, 94301-4204

THEODORE FREDERICK FULSAAS 3143 BUTTERS DR OAKLAND, CA, 94602-2632

HELEN L HUNT 5482 SAN PABLO DAM RD EL SOBRANTE, CA, 94803-3468

LOUISE Y LOCKE LLOYD D LOCKE GUARDIAN PO BOX 1926 RIFLE, CO, 81650-1926

PRODUCTION GATHERING COMPANY LLC 9319 LBJ FWY STE 204 DALLAS, TX, 75243-3453

ROBERT UMBACH C/O RONALD BROJZMAN 2336 CANYON BLVD, SUITE 200 BOULDER, CO 80302 WILLIAMS PRODUCTION COMPANY ACCT# 2-083-1133-8 LOCK BOX 1111 TULSA, OK, 74101-1111

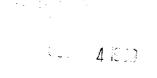
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WOOD OIL COMPANY DEPT 19 TULSA, OK, 74182

#### GALLEGOS CANYON UNIT /FT COAL/

190380





September 30, 1999

Bureau of Land Management Farmington District Office 1235 La Plata Highway, Suite A Farmington, New Mexico 87401 Attn: Mr. Duane Spencer State of New Mexico Commissioner of Public Lands P O Box 1148 Santa Fe, New Mexico 85704-1148

State of New Mexico Energy, Minerals and Natural Resources Department Oil Conservation Division 2040 S. Pacheo Santa Fe, New Mexico 87505 Attn: Ms. Lori Wrotenbery, Director

Re: First Revision 1999 Plan of Development Gallegos Canyon Unit San Juan County, New Mexico

Gentlemen:

Amoco Production Company, as Unit Operator for the Gallegos Canyon Unit, Submits for your approval the attached first revision of the 1999 Plan of Development.

Please signify your approval of this Plan of Development by signing in the space provided on the attached sheet and returning to Amoco at the letterhead address. It you have any questions, please feel free to call me at (281) 366-3430.

Very truly yours,

ax K Eddingiou

enclosures

No return address o

## GALLEGOS CANYON UNIT FIRST REVISION TO 1999 PLAN OF DEVELOPMENT

| APPROVED: |  | _Dated:                |
|-----------|--|------------------------|
| (S        | ureau of Land Management<br>ubject to like approval by the Commissioner o<br>e Oil Conservation Division)    | of Public Lands and    |
| APPROVED: | [  | Dated:                 |
| (S        | ommissioner of Public Lands<br>ubject to like approval by the Bureau of Land<br>e Oil Conservation Division) | Management and         |
| APPROVED: | Conservation Division  | ated: <u> 0 14 </u> 99 |

(Subject to like approval by the Bureau of Land Management and the Commissioner of Public Lands)

The foregoing approvals are for the 1<sup>st</sup> Revision to 1999 Plan of Development for the Gallegos Canyon Unit.

| <u></u>       | Original 1999 Development Projects |                 |           |  |  |
|---------------|------------------------------------|-----------------|-----------|--|--|
| Well No .     | Location                           | Current         | Objective |  |  |
|               |                                    | Horizon         |           |  |  |
| GCU 155E      | NW23-T28N-R13W                     | Dakota          | FC/PC     |  |  |
| GCU 159       | NW31-T28N-R12W                     | Dakota          | FC        |  |  |
| GCU Com D 160 | SE27-T29N-R12W                     | Dakota          | FC        |  |  |
| GCU Com H 180 | SE28-T29N-R12W                     | Dakota          | FS/FC/PC  |  |  |
| GCU 192E      | NE30-T28N-R12W                     | Dakota          | FC        |  |  |
| GCU 209       | SW15-T28N-R12W                     | Dakota          | FC        |  |  |
| GCU 213E      | SW8-T28N-R12W                      | Dakota          | FC        |  |  |
| GCU 226       | SW18-T28N-R12W                     | Dakota          | FC        |  |  |
| GCU 229E      | SE21-T28N-R12W                     | Dakota          | FC        |  |  |
| GCU 242       | NW24-T28N-R12W                     | Dakota          | FC        |  |  |
| GCU 283       | 29B-T29N-R12W                      | Pictured Cliffs | FC/PC     |  |  |
| GCU 330       | NE24-T29N-R13W                     | Pictured Cliffs | FS/PC     |  |  |
| GCU 333       | NE33-T29N-R12W                     | Pictured Cliffs | FS/FC/PC  |  |  |
| GCU 335       | SE 14-T28N-R12W                    | Pictured Cliffs | FS/FC/PC  |  |  |
| GCU 517       | 18H-T28N-R11W                      | Pictured Cliffs | FC/PC     |  |  |
| NEW WELL 551  | SE18-T28N-R11W                     | new             | PC        |  |  |
| NEW WELL 553  | SW33-T29N-R12W                     | new             | PC/FC     |  |  |
| NEW WELL 552  | NE17-T28N-R12W                     | new             | PC/FC/FS  |  |  |

# GALLEGOS CANYON UNIT AREA

#### **Original 1999 Development Projects**

- -

#### Additions Constituting First Revision of 1999 GCU POD (9/99)

| Well No . | Location       | Current<br>Horizon | Objective |
|-----------|----------------|--------------------|-----------|
| GCU 173   | NE29-T29N-R12W | Dakota             | FC        |
| GCU 169   | SE35-T29N-R12W | Dakota             | PC/FC     |
| GCU 213   | SE8-T28N-R12W  | Dakota             | FC/PC     |
| GCU 235E  | SE13-T28N-R13W | Dakota             | FC/PC     |
| GCU 193E  | SW30-T28N-R12W | Dakota             | FC        |
| GCU 265E  | SW25-T28N-R12W | Dakota             | FC/PC     |
| GCU 400E  | NE25-T28N-R12W | Dakota             | FC        |
| GCU 158   | NW36-T28N-R13W | Dakota             | FC/PC     |
| GCU 245E  | NE36-T28N-R12W | Dakota             | FC        |
| GCU 243   | NE24-T28N-R12W | Dakota             | FC        |
| NEW WELL  | NE13-T28N-R12W | new                | FC/PC     |
| NEW WELL  | SE12-T28N-R12W | new                | FC        |
| NEW WELL  | SE35-T29N-R12W | new                | FC/PC     |



September 27, 1999

Bureau of Land Management Farmington District Office 1235 La Plata Highway, Suite A Farmington, New Mexico 87401 Attn: Mr. Duane Spencer State of New Mexico Commissioner of Public Lands P O Box 1148 Santa Fe, New Mexico 85704-1148

State of New Mexico Energy, Minerals and Natural Resources Department Oil Conservation Division 2040 S. Pacheo Santa Fe. New Mexico 87505 Attn: Ms. Lori Wrotenbery, Director

Re: First Revision 1999 Plan of Development Gallegos Canyon Unit San Juan County, New Mexico

Gentlemen:

Amoco Production Company, as Unit Operator for the Gallegos Canyon Unit, Submits for your approval the attached first revision of the 1999 Plan of Development.

Please signify your approval of this Plan of Development by signing in the space provided on the attached sheet and returning to Amoco at the letterhead address. It you have any questions, please feel free to call me at (281) 366-3430.

Very truly

4Max K. Eddington

enclosures

xc: All Working Interest Owners (see attached list)

| Null N Lassfer   |                 |                 |           |  |  |
|------------------|-----------------|-----------------|-----------|--|--|
| Well No .        | Location        | Current         | Objective |  |  |
|                  |                 | Horizon         |           |  |  |
| GCU 155E         | NW23-T28N-R13W  | Dakota          | FC/PC     |  |  |
| GCU 1 <u>5</u> 9 | NW31-T28N-R12W  | Dakota          | FC        |  |  |
| GCU Com D 160    | SE27-T29N-R12W  | Dakota          | FC        |  |  |
| GCU Com H 180    | SE28-T29N-R12W  | Dakota          | FS/FC/PC  |  |  |
| GCU 192E         | NE30-T28N-R12W  | Dakota          | FC        |  |  |
| GCU 209          | SW15-T28N-R12W  | Dakota          | FC        |  |  |
| GCU 213E         | SW8-T28N-R12W   | Dakota          | FC        |  |  |
| GCU 226          | SW18-T28N-R12W  | Dakota          | FC        |  |  |
| GCU 229E         | SE21-T28N-R12W  | Dakota          | FC        |  |  |
| GCU 242          | NW24-T28N-R12W  | Dakota          | FC        |  |  |
| GCU 283          | 29B-T29N-R12W   | Pictured Cliffs | FC/PC     |  |  |
| GCU 330          | NE24-T29N-R13W  | Pictured Cliffs | FS/PC     |  |  |
| GCU 333          | NE33-T29N-R12W  | Pictured Cliffs | FS/FC/PC  |  |  |
| GCU 335          | SE 14-T28N-R12W | Pictured Cliffs | FS/FC/PC  |  |  |
| GCU 517          | 18H-T28N-R11W   | Pictured Cliffs | FC/PC     |  |  |
| NEW WELL 551     | SE18-T28N-R11W  | new             | PC        |  |  |
| NEW WELL 553     | SW33-T29N-R12W  | new             | PC/FC     |  |  |
| NEW WELL 552     | NE17-T28N-R12W  | new             | PC/FC/FS  |  |  |

TABLE IV Original 1999 Development Projects

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# dditions Constituting First Revision of 1999 GCU POD (9/99)

| Well No . | Location       | Current<br>Horizon | Objective |
|-----------|----------------|--------------------|-----------|
| GCU 173   | NE29-T29N-R12W | Dakota             | FC        |
| GCU 169   | SE35-T29N-R12W | Dakota             | PC/FC     |
| GCU 213   | SE8-T28N-R12W  | Dakota             | FC/PC     |
| GCU 235E  | SE13-T28N-R13W | Dakota             | FC/PC     |
| GCU 193E  | SW30-T28N-R12W | Dakota             | FC        |
| GCU 265E  | SW25-T28N-R12W | Dakota             | FC/PC     |
| GCU 400E  | NE25-T28N-R12W | Dakota             | FC        |
| GCU 158   | NW36-T28N-R13W | Dakota             | FC/PC     |
| GCU 245E  | NE36-T28N-R12W | Dakota             | FC        |
| GCU 243   | NE24-T28N-R12W | Dakota             | FC        |
| NEW WELL  | NE13-T28N-R12W | new                | FC/PC     |
| NEW WELL  | SE12-T28N-R12W | new                | FC        |
| NEW WELL  | SE35-T29N-R12W | new                | FC/PC     |



#### **Amoco Exploration and Production**

501 Westlake Park Blvd. Houston, Texas 77079 (281) 366-2000

May 27, 1999

Bureau of Land Management Farmington District Office 1235 La Plata Highway, Suite A Farmington, New Mexico 87401 Attn : Mr. Duane Spencer State of New Mexico Commissioner of Public Lands P O Box 1148 Santa Fe, New Mexico 87504-1148

| State of New Mexico                               |                 |
|---|-----------------|
| Energy, Minerals and Natural Resources Department |                 |
| Oil Conservation Division                         | JUN 2 8 1999    |
| 2040 S. Pacheo                                    | 1 0014 2 0 1999 |
| Santa Fe, New Mexico 87505                        |                 |
| Attn : Ms. Lori Wrotenbery, Director              |                 |

Re: 1998 Review of Operations 1999 Plan of Development Gallegos Canyon Unit San Juan County, New Mexico

Gentlemen:

Amoco Production Company, as Unit Operator for the Gallegos Canyon Unit, submits for your approval the attached Review of 1998 Operations and 1999 Plan of Development.

Please signify your approval of this Plan of Development by signing in the space provided on the attached sheet and returning to Amoco at the letterhead address. If you have any questions, please feel free to call me at (281) 366-3430.

Very truly yours in

Max K. Eddington

enclosures

xc: All Working Interest Owners (See attached list)

| GALLEGOS CANYON UNIT |      |    |             |
|----------------------|------|----|-------------|
| 1999                 | PLAN | OF | DEVELOPMENT |

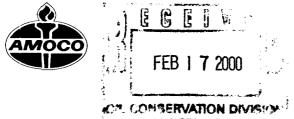
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| APPROVED | :Dated:  |
|----------|--|
|          | Bureau of Land Management<br>(Subject to like approval by the Commissioner of Public Lands and the Oil<br>Conservation Division) |
|          |  |
| APPROVED | Dated:   |
|          | Commissioner of Public Lands<br>(Subject to like approval by the Bureau of Land Management and the Oil<br>Conservation Division) |
| APPROVED | : <u>Ty 2000</u> Dated: 7/1/89   |

Oil Conservation Division (Subject to like approval by the Bureau of Land Management and the Commissioner of Public Lands)

The foregoing approvals are for the 1999 Plan of Development for the Gallegos Canyon Unit.



February 14, 1999

Bureau of Land Management Farmington District Office 1235 La Plata Highway, Suite A Farmington, New Mexico 87401 Attn : Mr. Duane Spencer **Amoco Exploration and Production** 

501 Westlake Park Blvd. Houston, Texas 77079 (281) 366-2000

State of New Mexico Commissioner of Public Lands P O Box 1148 Santa Fe, New Mexico 87504-1148

State of New Mexico Energy, Minerals and Natural Resources Department Oil Conservation Division 2040 S. Pacheo Santa Fe, New Mexico 87505 Attn : Ms. Lori Wrotenbery, Director

Re: 1999 Review of Operations 2000 Plan of Development Gallegos Canyon Unit San Juan County, New Mexico

Gentlemen:

Amoco Production Company, as Unit Operator for the Gallegos Canyon Unit, submits for your approval the attached Review of 1999 Operations and 2000 Plan of Development.

Please signify your approval of this Plan of Development by signing in the space provided on the attached sheet and returning to Amoco at the letterhead address. If you have any questions, please feel free to call me at (281) 366-3430.

Very truly yours,

Max K. Eddington /EDL

Max K. Eddington

enclosures

xc: All Working Interest Owners (See attached list) bp

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Amoco Production Company A Part of the BP 501 WestLake Park Blvd. Houston, TX 77079-3092

Phone: 281-366-2000

February 21, 2001

Bureau of Land Management Farmington District Office 1235 La Plata Highway, Suite A Farmington, New Mexico 87401 Attn: Geneva McDugal State of New Mexico Commissioner of Public Lands P.O. Box 1148 Santa Fe, New Mexico 87504-1148

State of New Mexico Energy, Minerals and Natural Resources Department Oil Conservation Division 2040 S. Pacheo Santa Fe, New Mexico 87505 Attn: Ms. Lori Wrotenbery, Director

Re: 2000 Review of Operations 2001 Plan of Development Gallegos Canyon Unit San Juan County, New Mexico

Gentlemen:

Amoco Production Company, as Unit Operator for the Gallegos Canyon Unit, submits for your approval the attached Review of 2000 Operations and 2001 Plan of Development.

Please signify your approval of this Plan of Development by signing in the space provided on the attached sheet and returning to Amoco at the letterhead address. If you have any questions, please feel free to call me at (281) 366-3430.

Very truly your Max K. Eddingtor

Enclosures

xc: All Working Interest Owners (See attached list)

#### GALLEGOS CANYON UNIT AREA 2001 PLAN OF DEVELOPMENT

APPROVED:\_\_\_\_\_

Dated:

Bureau of Land Management (Subject to like approval by the Commissioner of Public Lands and the Oil Conservation Division)

APPROVED: \_\_\_\_\_ Dated:

Commissioner of Public Lands (Subject to like approval by the Bureau of Land Management and the Oil Conservation Division)

\_\_\_\_\_Dated: <u>3/6/200</u>1 **APPROVED:** 

Oil Conservation Division (Subject to like approval by the Bureau of Land Management and the Commissioner of Public Lands)

The foregoing approvals are for the 2001 Plan of Development for the Gallegos Canyon Unit.

# **Review of 2000 Operations**

Shown in Table I are the cumulative volumes of gas, oil and water produced from each reservoir in the Gallegos Canyon Unit. Table II summarizes the well status in each horizon. Historical production graphs for each horizon are attached.

| Cumulative 1 roduction as 01 4/30/2000 |         |            |  |  |  |
|--|---------|------------|--|--|--|
| FORMATION                              | GAS     | CONDENSATE |  |  |  |
|  | (MMCF)  | (MBLS)     |  |  |  |
| Farmington Sands                       | 91      |            |  |  |  |
| Fruitland Sands                        | 11,861  |            |  |  |  |
| Fruitland Coal                         | 35,608  |            |  |  |  |
| Pictured Cliffs                        | 163,357 | 4          |  |  |  |
| Gallup                                 | 9,809   | 2,005      |  |  |  |
| Dakota                                 | 450,275 | 3,373      |  |  |  |

 TABLE I

 Cumulative Production as of 4/30/2000

#### TABLE II

**Production Status by Formation** 

| FORMATION        | ACTIVE | INACTIVE |
|------------------|--------|----------|
| Farmington Sands | 1      | 1        |
| Fruitland Sands  | 21     | 3        |
| Fruitland Coal   | 64     | 8        |
| Pictured Cliffs  | 120    | 20       |
| Gallup           | 6      | 16       |
| Dakota           | 200    | 21       |

# TABLE III2000 Work Status

|                          |                                       | WORK Status       |           |                    |
|--------------------------|---------------------------------------|-------------------|-----------|--------------------|
| WELL NO.                 | LOCATION                              | ORIGINAL          | OBJECTIVE | STATUS             |
| COUSSE                   | SE13-T28N-R13W                        | HORIZON           | FC        | WO Dia             |
| GCU 235E<br>GCU 169      | SE35-T29N-R12W                        | Dakota            | FC<br>FC  | WO Rig<br>Deferred |
|                          | SE35-129N-R12W                        | Dakota<br>Dalvata | FC<br>FC  | Canceled           |
| GCU Com D 160<br>GCU 213 | SE27-129N-R12W                        | Dakota            | FC<br>FC  |                    |
|                          | · · · · · · · · · · · · · · · · · · · | Dakota            | PC        | Deferred           |
| GCU Com H 180            | SE28-T29N-R12W                        | Dakota            |           | Deferred           |
| GCU 196                  | SW19-T28N-R12W                        | Dakota            | FC/DK     | WO Rig             |
| GCU 93                   | NW36-T29N-R12W                        | Dakota            | FC        | Deferred           |
| GCU Com D 160E           | SW27-T29N-R12W                        | Dakota            | FC        | WO Rig             |
| GCU 214                  | NE16-T28N-R12W                        | Dakota            | FC        | Deferred           |
| GCU 193E                 | SW30-T28N-R12W                        | Dakota            | FC        | Deferred           |
| GCU 265E                 | SW25-T28N-R12W                        | Dakota            | FC/PC     | Deferred           |
| GCU 219                  | NE23-T28N-R12W                        | Dakota            | FC        | Deferred           |
| GCU 176E                 | NE25-T28N-R13W                        | Dakota            | FC/PC     | Deferred           |
| GCU 223                  | SW9-T28N-R12W                         | Dakota            | FC/PC     | Deferred           |
| GCU 187                  | NW30-T29N-R12W                        | Dakota            | FC        | Deferred           |
| GCU 189                  | NW36-T29N-R13W                        | Dakota            | FC        | Deferred           |
| GCU 135                  | NW26-T29N-R13W                        | Dakota            | FC        | Canceled           |
| GCU 185                  | NE33-T28N-R12W                        | Dakota            | GP/DK     | Deferred           |
| GCU 192E                 | NE30-T28N-R12W                        | Dakota            | FC        | Deferred           |
| GCU 212                  | SW32-T29N-R12W                        | Dakota            | GP/DK     | Deferred           |
| GCU 221E                 | SE31-T29N-R12W                        | Dakota            | GP/DK     | Deferred           |
| GCU 239E                 | SE24-T28N-R13W                        | Dakota            | GP/DK     | Deferred           |
| GCU 242                  | NW24-T28N-R12W                        | Dakota            | GP        | Deferred           |
| GCU 400E                 | NE13-T28N-R12W                        | Dakota            | FC        | WO Rig             |
| NEW WELL 551             | SE18-T28N-R11W                        | new               | PC        | Producing          |
| NEW WELL 552             | NE17-T28N-R12W                        | new               | PC/FC     | WO Navajo          |
| NEW WELL 553             | SW33-T29N-R12W                        | new               | PC/FC     | WO Navajo          |
| NEW WELL 554             | NE13-T28N-R12W                        | new               | FC/PC     | WO Navajo          |
| NEW WELL 555             | SE12-T28N-R12W                        | new               | PC        | Deferred           |
| NEW WELL 556             | NW18-T28N-R11W                        | new               | PC        | WO Navajo          |
| NEW WELL 558             | SW16-T29N-R12W                        | new               | FC        | Done               |
| NEW WELL 559             | NE19-T29N-R12W                        | new               | FC        | Canceled           |
| NEW WELL 560             | SW20-T29N-R12W                        | new               | FC        | Canceled           |
| NEW WELL 561             | SE21-T29N-R12W                        | new               | PC        | Done               |
| NEW WELL 562             | NW22-T29N-R12W                        | new               | FC        | Done               |
| NEW WELL 563             | SW26-T29N-R12W                        | new               | FC        | Done               |
| NEW WELL 564             | SE31-T29N-R12W                        | new               | FC        | Canceled           |
| NEW WELL 565             | SE7-T28N-R11W                         | new               | FC        | Deferred           |
| NEW WELL 566             | W28-T29N-R12W                         | new               | FC        | WO Rig             |
| NEW WELL 567             | NE32-T29N-R12W                        | new               | FC        | Done               |
| NEW WELL 568             | NE36-T29N-R12W                        | new               | FC        | Done               |
| NEW WELL                 | NW23-T29N-R13W                        | new               | FC        | Canceled           |
| NEW WELL                 | NW17-T29N-R12W                        | new               | FC        | Canceled           |
| NEW WELL                 | NW13-T29N-R13W                        | new               | FC        | Canceled           |
| NEW WELL 574             | NW19-T28N-R11W                        | new               | PC        | Done               |
| NEW WELL 569             | NE33-T29N-R12W                        | new               | FC        | Done               |
| NEW WELL                 | NW18-T28N-R12W                        | new               | PC        | Canceled           |
| NEW WELL                 | NW20-T28N-R12W                        | new               | PC        | Canceled           |
| NEW WELL                 | SE20-T28N-R12W                        | new               | PC        | Deferred           |
| NEW WELL                 | NW28-T28N-R12W                        | new               | PC        | Canceled           |
| NEW WELL                 | NW19-T28N-R12W                        | new               | PC        | Canceled           |

| WELL NO.     | LOCATION       | ORIGINAL<br>HORIZON | OBJECTIVE | STATUS   |
|--------------|----------------|---------------------|-----------|----------|
| NEW WELL     | SE19-T28N-R12W | new                 | PC        | Deferred |
| NEW WELL     | NE14-T28N-R13W | new                 | FC        | Deferred |
| NEW WELL 575 | SE13-T28N-R12W | New                 | PC        | Done     |
| GCU 7        | NE30-T28N-R12W | PC                  | NONE      | PxA      |
| GCU 10       | SW33-T28N-R12W | PC                  | NONE      | PxA      |
| GCU 213E     | SW8-T28N-R12W  | DK                  | NONE      | PxA      |
| GCU 239      | NE24-T28-R13W  | DK                  | NONE      | PxA      |
| GCU 261      | SE18-T28N-R11W | FS                  | NONE      | PxA      |

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#### 2001 Plan of Development

BP Amoco will continue to develop the Pictured Cliffs and Fruitland Coal horizons within the Gallegos Canyon Unit through recompletions, commingling and selective drilling. Current plans include the drilling of approximately 7 new wells and recompleting approximately 21 existing wellbores from the list below. Some of the recompletions will involve commingling the recompleted horizon with the current producing horizon. In addition, surface access continues to impact proposed drilling locations, which may result in revisions to the list in Table IV below.

|                | Development Projects |            |           |             |  |  |
|----------------|----------------------|------------|-----------|-------------|--|--|
| WELL NO.       | LOCATION             | CURRENT    | OBJECTIVE | PERMIT      |  |  |
|                |                      | HORIZON    |           | STATUS      |  |  |
| GCU 76         | SW23-T28N-R12W       | FC         | FS/FC     | WO Approval |  |  |
| GCU 79         | NE9-T27N-R12W        | FC         | FS/FC     | WO Approval |  |  |
| GCU 85E        | SE19-T28N-R12W       | DK         | PC/DK     | WO Approval |  |  |
| GCU 93         | NW36-T29N-R12W       | DK         | FS        | WO Approval |  |  |
| GCU 142E       | NE25-T29N-R12W       | Dakota     | FC/CK/DK  | WO Approval |  |  |
| GCU 145        | NE26-T29N-R12W       | Dakota     | FC/DK     | WO Approval |  |  |
| GCU 150E       | SE22-T29N-R12W       | Dakota     | FC/DK     | WO Approval |  |  |
| GCU Com D 160E | SW27-T29N-R12W       | Dakota     | FC        | WO Rig      |  |  |
| GCU 169        | SE35-T29N-R12W       | Dakota     | FC        | Approved    |  |  |
| GCU 174E       | NW28-T28N-R12W       | Dakota     | PC/DK     | WO Approval |  |  |
| GCU 176E       | NE25-T28N-R13W       | Dakota     | FC/PC     | WO Approval |  |  |
| GCU Com H 180  | SE28-T29N-R12W       | Dakota     | PC        | WO Approval |  |  |
| GCU Com H 180E | SW28-T29N-R12W       | GP/DK      | FC/GP/DK  | WO Approval |  |  |
| GCU 185        | NE33-T28N-R12W       | Dakota     | GP/DK     | WO Approval |  |  |
| GCU 192E       | NE30-T28N-R12W       | Dakota     | FC        | WO Approval |  |  |
| GCU 193E       | SW30-T28N-R12W       | Dakota     | FC/DK     | WO Approval |  |  |
| GCU 196        | SW19-T28N-R12W       | Dakota     | FC/DK     | WO Rig      |  |  |
| GCU 201E       | SE11-T28N-R12W       | Dakota     | PC/DK     | WO Approval |  |  |
| GCU 203        | NE13-T28N-R12W       | Dakota     | PC/FC/DK  | WO Approval |  |  |
| GCU 206        | SW10-T28N-R12W       | Dakota     | FC/DK     | WO Approval |  |  |
| GCU 207        | NE14-T28N-R12W       | Dakota     | FC/DK     | WO Approval |  |  |
| GCU 212        | SW32-T29N-R12W       | Dakota     | GP/DK     | WO Approval |  |  |
| GCU 213        | SE8-T28N-R12W        | Dakota     | FC        | WO Approval |  |  |
| GCU 214        | NE16-T28N-R12W       | Dakota     | FC/DK     | WO Approval |  |  |
| GCU 214E       | NW16-T28N-R12W       | Dakota     | PC/DK     | WO Approval |  |  |
| GCU 217E       | NW13-T28N-R12W       | GP/DK      | PC/GP/DK  | WO Approval |  |  |
| GCU 218E       | NW22-T28N-R12W       | Dakota     | PC/DK     | WO Approval |  |  |
| GCU 219        | NE23-T28N-R12W       | Dakota     | FC/DK     | WO Approval |  |  |
| GCU 221        | NE31-T29N-R12W       | Dakota     | GP/DK     | WO Approval |  |  |
| GCU 221E       | SE31-T29N-R12W       | Dakota     | GP/DK     | WO Approval |  |  |
| GCU 223        | SW9-T28N-R12W        | Dakota     | FC/PC     | WO Approval |  |  |
| GCU 226E       | NW18-T28N-R12W       | Dakota     | PC/DK     | WO Approval |  |  |
| GCU 227E       | NW20-T28N-R12W       | Dakota     | PC/DK     | WO Approval |  |  |
| GCU 235E       | SE13-T28N-R13W       | Dakota     | FC        | WO Rig      |  |  |
| GCU 239E       | SE24-T28N-R13W       | Dakota     | GP/DK     | WO Approval |  |  |
| GCU 242        | NW24-T28N-R12W       | Dakota     | GP        | WO Approval |  |  |
| GCU 265E       | SW25-T28N-R12W       | Dakota     | FC/PC     | WO Approval |  |  |
| GCU 274        | SE20-T28N-R12W       | Farmington | FM/PC     | WO Approval |  |  |
| GCU 303        | NW33-T29N-R12W       | PC         | FS/PC     | WO Approval |  |  |
| GCU 340        | NW24-T29N-R13W       | FS         | FS/PC     | WO Approval |  |  |
| GCU 341        | NW16-T28N-R12W       | FS         | PC        | WO Approval |  |  |
| GCU 400E       | NE13-T28N-R12W       | Dakota     | FC        | WO Rig      |  |  |
| NEW WELL 552   | NE17-T28N-R12W       | New        | PC/FC     | WO Navajo   |  |  |
| NEW WELL 553   | SW33-T29N-R12W       | New        | PC/FC     | WO Navajo   |  |  |
| NEW WELL 554   | NE13-T28N-R12W       | New        | FC/PC     | WO Navajo   |  |  |
| NEW WELL 555   | SE12-T28N-R12W       | New        | PC        | WO Approved |  |  |
| NEW WELL 556   | NW18-T28N-R11W       | New        | PC        | WO Navajo   |  |  |

Table IV

| WELL NO.      | LOCATION       | CURRENT<br>HORIZON | OBJECTIVE | PERMIT<br>STATUS |
|---------------|----------------|--------------------|-----------|------------------|
| NEW WELL 565  | SE7-T28N-R11W  | New                | FC        | WO Approval      |
| NEW WELL 566  | W28-T29N-R12W  | New                | FC        | WO Rig           |
| NEW WELL 570  | SE22-T29N-R12W | New                | FC        | WO Approval      |
| NEW WELL 571  | NE14-T28N-R13W | New                | FC        | WO Approval      |
| NEW WELL 572  | SE19-T28N-R12W | New                | PC        | WO Navajo        |
| NEW WELL 576  | SE10-T28N-R12W | New                | FC        | WO Approval      |
| NEW WELL 577  | SW26-T29N-R13W | New                | FC        | WO Approval      |
| NEW WELL      | SE20-T28N-R12W | New                | PC        | WO Approval      |
| NEW WELL      | NE27-T29N-R12W | New                | FS/FC     | WO Approval      |
| NEW WELL      | NE34-T29N-R12W | New                | FC        | WO Approval      |
| NEW WELL      | SE35-T29N-R12W | New                | PC        | WO Approval      |
| NEW WELL      | SW13-T28N-R12W | New                | FS/PC     | WO Approval      |
| GCU 16        | NE27-T28N-R12W | FC                 | NONE      | PxA              |
| GCU 18        | NE21-T28N-R12W | FC                 | NONE      | PxA              |
| GCU 44        | SW35-T29N-R13W | PC                 | NONE      | PxA              |
| GCU 123 (623) | NW25-T28N-R12W | PC                 | NONE      | PxA              |
| GCU 164       | SW35-T29N-R13W | DK                 | NONE      | PxA              |
| GCU 183E      | NW9-T27N-R12W  | DK                 | NONE      | PxA              |
| GCU 239       | NE24-T28N-R13W | DK                 | NONE      | PxA              |
| GCU 291       | SE23-T28N-R12W | FC                 | NONE      | PxA              |
| GCU 295       | SW10-T28N-R12W | PC                 | NONE      | PxA              |
| GCU 319       | NW30-T28N-R12W | FS                 | NONE      | PxA              |
| GCU 334       | SW11-T28N-R12W | PC                 | NONE      | PxA              |
| GCU 392       | SW26-T29N-R13W | FC                 | NONE      | PxA              |