

EXHIBIT "B"

**INITIAL BASIN FRUITLAND COAL PARTICIPATING AREA  
GALLEGOS CANYON UNIT, SAN JUAN COUNTY, NEW MEXICO  
PRIOR TO  
MAY 1, 1995**

| Unit<br>Tract<br>Number | Serial No.<br>& Date of<br>Lease | Record Owner                 | Working Interest Owner in Tract   |   | Tract<br>Description (*)                                    | No. of<br>Acres | Tract<br>Participation |
|-------------------------|----------------------------------|------------------------------|---|---|---|-----------------|------------------------|
|                         |                                  |                              | Owner   | Percent                                   |   |                 |                        |
| <b>FEDERAL LANDS</b>    |                                  |                              |   |   |   |                 |                        |
| 1                       | NM-014376<br>(11-1-54)           | Amoco Production Company     | BHP Petroleum (Americas) Inc.   | 100.00                                    | N/2 S/2 Sec.<br>24-29N-13W                                  | 160.00          | 0.00670302             |
| 3                       | NM-03654<br>(2-1-51)             | Amoco Production Company     | BHP Petroleum (Americas) Inc.   | 100.00                                    | Lot 3 Sec. 18-29N-12W                                       | 39.43           | 0.00165188             |
| 4                       | NM-03654<br>(2-1-51)             | Amoco Production Company     | BHP Petroleum (Americas) Inc.   | 100.00                                    | S/2SW/4, SW/4SE/4,<br>Sec. 23; NE/4 NE/4<br>Sec. 26-29N-13W | 160.00          | 0.00670302             |
| 5                       | NM-06237<br>(10-1-52)            | Ernest A. Hanson             | E.H Weig, Trustee of the<br>Weig Family Trust<br>Arley P. Geniusz Trust<br>Norbert Geniusz Trust<br>Joanne Kruger<br>Linda Bulk | 25.00<br>25.00<br>25.00<br>12.50<br>12.50 | Lots 1,2,5,6 Sec. 21<br>29N-12W                             | 160.00          | 0.00670302             |
| 7                       | SF-077967<br>(2-1-48)            | Meridian Oil Production Inc. | Meridian Oil Production Inc.  | 100.00                                    | E/2 Sec. 36-28N-13W   | 320.00          | 0.01340604             |

\*Acreage description is from surface to base of Basin Fruitland Coal formation.

| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>                                      | <u>Working Interest Ownership in Tract Owner</u>         | <u>Percent</u> | <u>Tract Description (*)</u>  | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|--|--|----------------|---|---------------------|----------------------------|
| 9                        | SF-078106<br>(12-1-47)                | Meridian Minerals Co.                                    | BHP Petroleum (Americas)<br>Dugan Production Corporation | 87.39<br>12.61 | Sec.s 17, 18;<br>NW/4 SE/4 Sec. 21; NW/4<br>Sec 22-28N-12W  | 1744.28             | 0.07307467                 |
| 10                       | SF-078109<br>(2-1-48)                 | Sun Operating Ltd. Partnership                           | BHP Petroleum (Americas) Inc.                            | 100.00         | Lots 1-5, SE/4 SW/4, S/2 SE/4<br>Sec. 7-28N-12W; NW/4,N/2SW/4,<br>SE/4 Sec. 21; All Sec. 31-29N-12W | 1304.54             | 0.05465225                 |
| 11                       | SF-078209<br>(10-1-49)                | Amoco Production Company                                 | BHP Petroleum (Americas) Inc.                            | 100.00         | NW/4NW/4 Sec. 35-29N-12W  | 40.00               | 0.00167576                 |
| 11-B                     | SF-078209<br>(10-1-49)                | Meridian Oil Production Inc.                             | Meridian Oil Production Inc.                             | 100.00         | NE/4 NE/4, NE/4 SE/4<br>and Lot 4 Sec. 30-29N-12W   | 119.68              | 0.00501386                 |
| 12                       | SF-078303<br>(12-1-47)                | Amoco Production Company                                 | BHP Petroleum (Americas) Inc.                            | 100.00         | E/2SE/4, SE/4NE/4 Sec. 18-29N-12W   | 120.00              | 0.00502727                 |
| 13                       | SF-078370<br>(12-1-47)                | Amoco Production Company                                 | BHP Petroleum (Americas) Inc.                            | 100.00         | NE/4, E/2NW/4 Sec. 17;<br>N/2N/2, SW/4NE/4 Sec. 18-29N-12W  | 439.32              | 0.01840482                 |
| 14                       | NM-03401<br>(2-1-47)                  | Amoco Production Company                                 | BHP Petroleum (Americas) Inc.                            | 100.00         | W/2NW/4 Sec. 17-29N-12W   | 80.00               | 0.00335151                 |
| 16                       | SF-078807-A<br>(4-1-48)               | Amoco Production Company<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production | 50.00<br>50.00 | Lots 1, 2, 3, 4 and S/2 S/2<br>Sec. 12; E/2 Sec. 13-28N-13W   | 595.40              | 0.02494362                 |

\*Acreage description is from surface to base of Basin Fruitland Coal formation.

| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>                                      | <u>Working Interest Ownership in Tract Owner</u>              | <u>Percent</u> | <u>Tract Description (*)</u>  | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|--|---|----------------|---|---------------------|----------------------------|
| 17                       | SF-078828<br>(8-1-49)                 | Amoco Production Company<br>Meridian Oil Production Inc. | BHP Petroleum (Americas)<br>Meridian Oil Production Inc.      | 50.00<br>50.00 | SE/4 Sec. 29-28N-12W  | 160.00              | 0.00670302                 |
| 17-A                     | SF-078828-A<br>(8-1-49)               | Amoco Production Company<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | Sec. 27; Sec. 28; NE/4<br>Sec. 29-28N-12W                                 | 1440.00             | 0.06032720                 |
| 18                       | SF-078903-A<br>(2-1-48)               | McArthur Foundation<br>Meridian Oil Production Inc.      | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | Sec. 34-28N-12W   | 640.00              | 0.02681209                 |
| 18-A                     | SF-078903<br>(2-1-48)                 | Meridian Oil Production Inc.                             | Meridian Oil Production Inc.                                  | 100.00         | Sec. 35; Sec. 36-28N-12W  | 1280.00             | 0.05362418                 |
| 18-B                     | SF-078903-B<br>(2-1-48)               | Amoco Production Company                                 | BHP Petroleum (Americas) Inc.                                 | 100.00         | Sec. 33-28N-12W   | 640.00              | 0.02681209                 |
| 19                       | SF-078904<br>(2-1-48)                 | Amoco Production Company<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | Sec. 24-28N-12W   | 640.00              | 0.02681209                 |
| 19-A                     | SF-078904-A<br>(2-1-48)               | Amoco Production Company                                 | BHP Petroleum (Americas) Inc.                                 | 100.00         | W/2 Sec. 25-28N-12W   | 320.00              | 0.01340604                 |
| 20                       | SF-078905<br>(7-1-48)                 | Amoco Production Company<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | SW/4 SW/4 Sec. 12; W/2 NW/4,<br>SW/4, Sec 13; SW/4 Sec. 22-28N-12W        | 440.00              | 0.01843331                 |
| 21                       | SF-078926<br>(5-1-48)                 | Amoco Production Company<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | S/2 NW/4, S/2 Sec. 25;<br>W/2 NE/4, SE/4 NE/4 Sec. 26;<br>Sec. 35-29N-13W | 1160.00             | 0.04859691                 |
| 21-A                     | SF-078926-A<br>(5-1-48)               | Amoco Production Company                                 | BHP Petroleum (Americas) Inc.                                 | 100.00         | S/2, NW/4 Sec. 26-29N-13W   | 480.00              | 0.02010907                 |

\*Acreage description is from surface to base of Basin Fruitland Coal formation.

| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>  | <u>Working Interest Ownership in Tract Owner</u>  | <u>Percent</u>          | <u>Tract Description (*)</u>  | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|--|---|-------------------------|---|---------------------|----------------------------|
| 22                       | SF-078949<br>(2-1-48)                 | Earl Hanson - 45.00<br>Paul Slayton - 45.00<br>MMH Trust - 10.00 | Arley P. Geniusz and Norbert<br>Geniusz, Trustees of the Arley P.<br>Geniusz Trust<br>E.H. Weig, Trustee of the Weig<br>Family Trust<br>Paul Slayton<br>Margaret M. Hodges, Trustee of the<br>MMH Trust | 22.50<br>22.50<br>10.00 | Lot 4, SE/4 SW/4 Sec. 18;<br>E/2 NW/4, NW/4 NE/4<br>Sec. 19-29N-12W | 199.48              | 0.00835699                 |
| 24                       | SF-079244<br>(5-1-48)                 | Amoco Production Company<br>Meridian Oil Production Inc.         | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.   | 50.00<br>50.00          | NW/4 Sec. 20-28N-12W  | 160.00              | 0.00670302                 |
| 24-A                     | SF-079244-A<br>(5-1-48)               | Amoco Production Company<br>Meridian Oil Production Inc.         | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.   | 50.00<br>50.00          | NE/4 Sec. 19-28N-12W  | 160.00              | 0.00670302                 |
| 25                       | SF-079346<br>(5-1-49)                 | Amoco Production Company<br>Meridian Oil Production Inc.         | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.   | 50.00<br>50.00          | SE/4 Sec. 32-28N-12W  | 160.00              | 0.00670302                 |
| 25-A                     | SF-078902<br>(2-1-48)                 | Meridian Oil Production Inc.                                     | Meridian Oil Production Inc.  | 100.00                  | Sec. 4 ; Lots 1 & 2, S/2 NE/4<br>Sec. 5-27N-12W                     | 800.62              | 0.03354109                 |
| 25-B                     | SF-079346-A<br>(5-1-49)               | Amoco Production Company<br>Meridian Oil Production Inc.         | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.   | 50.00<br>50.00          | N/2, SW/4 Sec. 32-28N-12W   | 480.00              | 0.02010907                 |
| 28                       | SF-080239<br>(9-1-49)                 | Meridian Oil Production  | Meridian Oil Production   | 100.00                  | N/2 SE/4, SE/4 SE/4 Sec. 23-29N-13W                                 | 120.00              | 0.00502727                 |
| 29                       | SF-080491<br>(6-1-53)                 | Amoco Production Company   | BHP Petroleum (Americas) Inc.   | 100.00                  | SE/4 Sec.. 17-29N-12W   | 160.00              | 0.00670302                 |

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| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>  | <u>Working Interest Ownership in Tract Owner</u>  | <u>Percent</u>  | <u>Tract Description (*)</u>                                      | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|--|---|---|---|---------------------|----------------------------|
| 30                       | SF-080600<br>(6-1-53)                 | Amoco Production Company   | BHP Petroleum (Americas) Inc.   | 100.00  | SW/4 Sec. 17-29N-12W  | 160.00              | 0.00670302                 |
| 31                       | SF-080614<br>(5-1-52)                 | Amoco Production Company<br>Meridian Oil Production                            | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.   | 50.00<br>50.00  | E/2SE/4, NE/4NW/4, NE/4<br>Sec. 13-29N-13W                        | 280.00              | 0.01173029                 |
| 32                       | SF-080647<br>(3-1-48)                 | First Nat. Bank of Amarillo,<br>Texas, Trustee, Nicole Huve<br>Revocable Trust | BHP Petroleum (Americas) Inc.   | 100.00  | N/2SW/4 Sec. 22-29N-12W   | 80.00               | 0.00335151                 |
| 33                       | SF-080647<br>(3-1-48)                 | First Nat. Bank of Amarillo<br>Texas, Trustee, Nicole Huve<br>Revocable Trust  | BHP Petroleum (Americas) Inc.   | 100.00  | NW/4 Sec. 22-29N-12W  | 160.00              | 0.00670302                 |
| 34                       | SF-080723<br>(1-1-50)                 | Amoco Production Company   | Donald S. Fulszas<br>Marilyn A. Fulszas<br>Richard M. Fulszas<br>Donald S. Fulszas, Exec.<br>of the Estate of Russell Fulszas<br>Johnson Family Royalty<br>Dorothy E. Mengotto<br>The Johnson Trust | 7.50<br>7.50<br>7.50<br>7.50<br>25.00<br>22.50<br>22.50 | E/2NE/4, NE/4SE/4 Sec. 19;<br>N/2S/2, SE/4SE/4<br>Sec. 20-29N-12W | 320.00              | 0.01340604                 |
| 34-A                     | NM-03526<br>(1-1-50)                  | Amoco Production Company   | BHP Petroleum (Americas) Inc.   | 100.00  | S/2SW/4 Sec. 21-29N-12W   | 80.00               | 0.00335151                 |
| 34-B                     | SF-080723<br>(1-1-50)                 | Amoco Production Company   | BHP Petroleum (Americas) Inc.   | 100.00  | N/2 Sec. 20-29N-12W   | 320.00              | 0.01340604                 |

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| <u>Unit Tract Number</u>    | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>                               | <u>Working Interest Ownership in Tract Owner</u>           | <u>Percent</u> | <u>Tract Description (*)</u>             | <u>No. of Acres</u> | <u>Tract Participation</u> |
|-----------------------------|---------------------------------------|---|--|----------------|--|---------------------|----------------------------|
| 35                          | SF-080844-A                           | Amoco Production Company                          | BHP Petroleum (Americas) Inc.                              | 100.00         | Lots 1-4, E/2W/2 Sec. 19-28N-11W         | 315.84              | 0.01323177                 |
| 35-A                        | SF-080844 (10-1-51)                   | Amoco Production Company                          | Meridian Oil Production Inc.                               | 100.00         | Lots 3,4, E/2 SW/4, SE/4 Sec. 31-28N-11W | 317.39              | 0.01329670                 |
| 159                         | SF-078902-A (2-1-48)                  | MacArthur Foundation Meridian Oil Production Inc. | Meridian Oil Production Inc. BHP Petroleum (Americas) Inc. | 50.00 50.00    | N/2 Sec. 9-27N-12W                       | 320.00              | 0.01340604                 |
| 160                         | SF--080111 (4-1-48)                   | Meridian Oil Production Inc.                      | Meridian Oil Production Inc. BHP Petroleum (Americas) Inc. | 50.00 50.00    | Lots 3, 4, 5, SE/4 NW/4 Sec. 6-27N-12W   | 152.04              | 0.00636955                 |
| <b><u>INDIAN LEASES</u></b> |                                       |   |  |                |  |                     |                            |
| 37                          | I-149- Ind-8474 (5-29-50)             | Wood Oil Co.                                      | Wood Oil Company   | 100.00         | NW/4 Sec. 16-28N-12W                     | 160.00              | 0.00670302                 |
| 38                          | I-149- Ind--8475 (5-27-50)            | Texaco Exploration and Production                 | Texaco Exploration and Production                          | 100.00         | SW/4 Sec. 16; NE/4, SW/4 Sec. 21-28N-12W | 480.00              | 0.02010907                 |
| 39                          | I-149- Ind-8476 (5-27-50)             | Texaco Exploration and Production                 | Texaco Exploration and Production                          | 100.00         | SE/4 Sec. 19; S/2, NE/4 Sec. 20-28N-12W  | 632.62              | 0.02650291                 |

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| <u>Unit Tract Number</u>   | <u>Serial No. &amp; Date of Lease</u>          | <u>Record Owner</u>                                      | <u>Working Interest Ownership in Tract Owner</u>              | <u>Percent</u> | <u>Tract Description (*)</u>   | <u>No. of Acres</u> | <u>Tract Participation</u> |
|----------------------------|--|--|---|----------------|--|---------------------|----------------------------|
| 40                         | 1-149-<br>Ind-8477<br>(5-27-50)                | Texaco Exploration and Production                        | Texaco Exploration and Production                             | 100.00         | W/2 Sec. 29-28N-12W  | 320.00              | 0.01340604                 |
| 162                        | Ind. Pat.<br>Allotment No. 059312<br>(5-27-50) | Texaco Exploration and Production                        | Texaco Exploration and Production                             | 100.00         | Lots 1,2, S/2 NE/4 Sec. 6-27N-12W  | 159.88              | 0.00669799                 |
| <b><u>STATE LEASES</u></b> |  |  |   |                |  |                     |                            |
| 46                         | E-2447<br>(2-10-49)                            | Texaco Exploration and Production                        | BHP Petroleum (Americas) Inc.                                 | 100.00         | E/2 NW/4, Lot 3, SE/4 SW/4,<br>Sec. 18-28N-11W;<br>SE/4 NW/4, NW/4 SE/4, S/2SE/4,<br>Sec. 13-28N-12W | 318.93              | 0.01336122                 |
| 46                         | E-2447<br>(2-10-49)                            | Texaco Exploration and Production                        | Texaco Exploration and Production                             | 100.00         | Lots 1, 2, 3, S/2 SE/4 Sec. 12-<br>28N-12W; NE/4 SW/4 Sec. 16-<br>29N-12W                            | 202.80              | 0.00849608                 |
| 46-A                       | E-2447<br>(2-10-49)                            | Amoco Production Company<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | NE/4 SW/4<br>Sec. 32-29N-12W; NW/4 NE/4<br>Sec. 36-29N-13W   | 80.00               | 0.00335151                 |
| 47                         | B-10870<br>(12-10-53)                          | Sun Operating Limited Partnership                        | BHP Petroleum (Americas) Inc.                                 | 100.00         | Lots 1, 2 Sec. 18-28N-11W;<br>SE/4 SW/4 Sec. 16-29N-12W  | 117.80              | 0.00493510                 |

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| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>             | <u>Working Interest Ownership in Tract Owner</u>              | <u>Percent</u> | <u>Tract Description (*)</u> | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|---------------------------------|---|----------------|------------------------------|---------------------|----------------------------|
| 52                       | OG-1045<br>(7-16-57)                  | Amoco Production Company        | BHP Petroleum (Americas) Inc.                                 | 100.00         | NE4 SW/4 Sec. 18-28N-11W     | 40.00               | 0.00167576                 |
| 53                       | OG-1531<br>(11-19-57)                 | Amoco Production Company        | BHP Petroleum (Americas) Inc.                                 | 100.00         | Lot 4 Sec. 18-28N-11W        | 38.95               | 0.00163177                 |
| 54                       | E-284-15<br>(4-13-45)                 | Amoco Production Company        | BHP Petroleum (Americas) Inc.                                 | 100.00         | Lot 4 Sec. 12-28N-12W        | 27.60               | 0.00115627                 |
| 55                       | E-3151-3<br>(12-14-54)                | Amoco Production Company        | BHP Petroleum (Americas) Inc.                                 | 100.00         | SE/4 SW/4 Sec. 12-28N-12W    | 40.00               | 0.00167576                 |
| 56                       | E-1065-1<br>(1-7-51)                  | Texaco Exploration & Production | Texaco Exploration & Production<br>William Production Company | 82.00<br>18.00 | N/2 NE/4 Sec. 13-28N-12W     | 80.00               | 0.00335151                 |
| 57                       | B-11513-16<br>(10-2-44)               | Amoco Production Company        | BHP Petroleum (Americas) Inc.                                 | 100.00         | NE/4NW/4 Sec. 13-28N-12W     | 40.00               | 0.00167576                 |
| 58                       | E-3156-2<br>(12-15-49)                | Amoco Production Company        | BHP Petroleum (Americas) Inc.                                 | 100.00         | S/2 NE/4 Sec. 13-28N-12W     | 80.00               | 0.00335151                 |
| 59                       | B-9145-36<br>(5-15-41)                | Amoco Production Company        | BHP Petroleum (Americas) Inc.                                 | 100.00         | NE/4 SE/4 Sec. 13-28N-12W    | 40.00               | 0.00167576                 |

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| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>                                      | <u>Working Interest Ownership in Tract Owner</u>              | <u>Percent</u> | <u>Tract Description (*)</u> | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|--|---|----------------|------------------------------|---------------------|----------------------------|
| 60                       | E-498-9<br>(8-10-51)                  | Sun Operating Limited Partnership                        | BHP Petroleum (Americas) Inc.                                 | 100.00         | SW/4SW/4 Sec. 16-29N-12W     | 40.00               | 0.00167576                 |
| 61                       | B-9145-35<br>(5-15-41)                | Amoco Production Company                                 | BHP Petroleum (Americas) Inc.                                 | 100.00         | NW/4 SW/4 Sec. 16-29N-12W    | 40.00               | 0.00167576                 |
| 62                       | E-5462<br>(8-10-51)                   | Sun Operating Limited Partnership                        | BHP Petroleum (Americas) Inc.                                 | 100.00         | NW/4 NW/4 Sec. 32-29N-12W    | 40.00               | 0.00167576                 |
| 63                       | E-5462<br>(8-10-51)                   | Sun Operating Limited Partnership                        | BHP Petroleum (Americas) Inc.                                 | 100.00         | SW/4 NW/4 Sec. 32-29N-12W    | 40.00               | 0.00167576                 |
| 64                       | B-10405-30<br>(6-24-43)               | Amoco Production Company<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | SE/4 NW/4 Sec. 32-29N-12W    | 40.00               | 0.00167576                 |
| 65                       | E-5462<br>(8-10-51)                   | Sun Operating Limited Partnership                        | BHP Petroleum (Americas) Inc.                                 | 100.00         | NW/4 SW/4 Sec. 32-29N-12W    | 40.00               | 0.00167576                 |
| 66                       | E-5462<br>(8-10-51)                   | Sun Operating Limited Partnership                        | BHP Petroleum (Americas) Inc.                                 | 100.00         | SE/4 SW/4 Sec. 32-29N-12W    | 40.00               | 0.00167576                 |
| 67                       | B-11318-10<br>(6-26-54)               | Amoco Production Company<br>Total Minatome               | BHP Petroleum (Americas) Inc.<br>Total Minatome               | 56.25<br>43.75 | SW/4 SW/4 Sec. 32-29N-12W    | 40.00               | 0.00167576                 |
| 78-A                     | B-9104-4<br>(4-30-51)                 | Meridian Oil Production Inc.                             | Meridian Oil Production Inc.                                  | 100.00         | SE/4 NW/4 Sec. 36-29N-13W    | 40.00               | 0.00167576                 |

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| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>                                      | <u>Working Interest Ownership in Tract Owner</u>              | <u>Percent</u> | <u>Tract Description (*)</u> | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|--|---|----------------|------------------------------|---------------------|----------------------------|
| 82                       | E-3374-1<br>(3-13-50)                 | Conoco Inc.  | BHP Petroleum (Americas) Inc.                                 | 100.00         | NE/4 NE/4 Sec. 36-29N-13W    | 40.00               | 0.00167576                 |
| 83                       | E-5462<br>(8-10-51)                   | Sun Operating Limited Partnership                        | BHP Petroleum (Americas) Inc.                                 | 100.00         | NE/4 NW/4 Sec. 36-29N-13W    | 40.00               | 0.00167576                 |
| 84                       | B-11017-8<br>(2-18-54)                | Amoco Production Company<br>Total Minatome               | BHP Petroleum (Americas) Inc.<br>Total Minatome               | 56.25<br>43.75 | W/2 NW/4 Sec. 36-29N-13W     | 80.00               | 0.00335151                 |
| 85                       | E-331-9<br>(5-16-50)                  | Amoco Production Company<br>Total Minatome               | BHP Petroleum (Americas) Inc.<br>Total Minatome               | 56.25<br>43.75 | NW/4 SW/4 Sec. 36-29N-13W    | 40.00               | 0.00167576                 |
| 86                       | E-5462<br>(8-10-51)                   | Sun Operating Limited Partnership                        | BHP Petroleum (Americas) Inc.                                 | 100.00         | SE/4 NE/4 Sec. 36-29N-13W    | 40.00               | 0.00167576                 |
| 87                       | E-5462<br>(8-10-51)                   | Sun Operating Limited Partnership                        | BHP Petroleum (Americas) Inc.                                 | 100.00         | SW/4 NE/4 Sec. 36-29N-13W    | 40.00               | 0.00167576                 |
| 88                       | E-5462<br>(8-10-51)                   | Sun Operating Limited Partnership                        | BHP Petroleum (Americas) Inc.                                 | 100.00         | NE/4 SW/4 Sec. 36-29N-13W    | 40.00               | 0.00167576                 |
| 89                       | E-5462<br>(8-10-51)                   | Sun Operating Limited Partnership                        | BHP Petroleum (Americas) Inc.                                 | 100.00         | NW/4 SE/4 Sec. 36-29N-13W    | 40.00               | 0.00167576                 |
| 90                       | B-11017-14<br>(2-18-54)               | Amoco Production Company<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | NE/4 SE/4 Sec. 36-29N-13W    | 40.00               | 0.00167576                 |

\*Acreage description is from surface to base of Basin Fruitland Coal formation.

| <u>Unit Tract Number</u>      | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>   | <u>Working Interest Ownership in Tract Owner</u>              | <u>Percent</u> | <u>Tract Description (*)</u>                     | <u>No. of Acres</u> | <u>Tract Participation</u> |
|-------------------------------|---------------------------------------|---|---|----------------|--|---------------------|----------------------------|
| 91                            | B-11017-15<br>(2-18-54)               | Amoco Production Company<br>Meridian Oil Production Inc.      | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | SW/4 SW/4 Sec. 36-29N-13W                        | 40.00               | 0.00167576                 |
| 92                            | B-11017-58<br>(2-18-54)               | BHP Petroleum (Americas) Inc.<br>Total Minatome               | BHP Petroleum (Americas) Inc.<br>Total Minatome               | 56.25<br>43.75 | SE/4 SW/4 Sec. 36-29N-13W                        | 40.00               | 0.00167576                 |
| 93                            | B-11017-40<br>(2-18-54)               | Amoco Production Company                                      | BHP Petroleum (Americas) Inc.                                 | 100.00         | SW/4 SE/4 Sec. 36-29N-13W                        | 40.00               | 0.00167576                 |
| 94                            | E-2526<br>(3-10-54)                   | Chase Oil Corporation   | Chase Oil Corporation   | 100.00         | SE/4 SE/4 Sec. 36-29N-13W                        | 40.00               | 0.00167576                 |
| <b><u>PATENTED LEASES</u></b> |                                       |   |   |                |  |                     |                            |
| 95                            | (3-2-59)<br>(4-28-59)                 | BHP Petroleum (Americas) Inc.                                 | BHP Petroleum (Americas) Inc.                                 | 100.00         | SE/4 NW/4, NE/4 SW/4, W/2SE/4<br>Sec. 13-29N-13W | 160.00              | 0.00670302                 |
| 96                            | (8-2-48)                              | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | NW/4NW/4 Sec. 13-29N-13W                         | 40.00               | 0.00167576                 |
| 97                            | (11-12-48)                            | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | NW/4SW/4 Sec. 13-29N-13W                         | 40.00               | 0.00167576                 |
| 98                            | (12-16-53)                            | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | E/1071' SW/4NW/4<br>Sec. 13-29N-13W              | 32.00               | 0.00134060                 |

\*Acreage description is from surface to base of Basin Fruitland Coal formation.

| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>   | <u>Working Interest Ownership in Tract Owner</u>              | <u>Percent</u> | <u>Tract Description (*)</u>  | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|---|---|----------------|---|---------------------|----------------------------|
| 99                       | (11-29-48)                            | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | W/2SW/4SW/4 Sec. 13-29N-13W   | 20.00               | 0.00083788                 |
| 100                      | (11-1-48)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | E/2SW/4SW/4, SE/4SW/4<br>Sec. 13-29N-13W  | 60.00               | 0.00251363                 |
| 101                      | (8-22-52)                             | Louise Locke  | Louise Locke  | 100.00         | Begin at a point on N. Line<br>Sec. 23, 40 Rods E. from NW/C<br>of the NE/4 of said Sec., Thence S.<br>746.8'; Thence E. 770'; Thence N.<br>746.8'; Thence W. 777' to place of<br>beginning, all situated in<br>Sec. 23-29N-13W | (12.00)             | .00000000                  |
| 102                      | (2-20-47)                             | Louise Locke  | Louise Locke  | 100.00         | E/2 NE/4, SW/4 NE/4 and<br>13 acres in S. part of NW/4 NE/4<br>Sec. 23-29N-13W  | 133.00              | 0.00557189                 |
| 103                      | (12-13-51)                            | BHP Petroleum (Americas) Inc.                                 | BHP Petroleum (Americas) Inc.                                 | 100.00         | N/2 SW/4 Sec. 23-29N-13W  | (80.00)             | 0.00000000                 |
| 103-A                    | (12-13-51)                            | Louise Locke  | Louise Locke  | 100.00         | NW/4 Sec. 23-29N-13W  | (160.00)            | 0.00000000                 |
| 104                      | (4-21-56)                             | Louise Locke  | Louise Locke  | 100.00         | Begin at NW Cor. of the NE/4, Sec. 23,<br>Thence S. 60 Rods, Thence E. 40 Rods,<br>Thence N. 60 Rods, Thence W. 40 Rods,<br>Thence W. 40 Rods to beginning<br>All situated in Sec. 23-29N-13W                                   | 15.00               | 0.000062841                |

\*Acreage description is from surface to base of Basin Fruitland Coal formation.

| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>   | <u>Working Interest Ownership in Tract</u>                                      | <u>Tract Description (*)</u>  | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|---|---|---|---------------------|----------------------------|
|                          |                                       |   | <u>Owner</u><br><u>Percent</u>  |   |                     |                            |
| 105                      | (9-17-47)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.<br>50.00<br>50.00 | W 12 Ac. NW/4 NW/4<br>Sec. 24-29N-13W                                 | 12.00               | 0.00050273                 |
| 106                      | (3-13-47)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.<br>50.00<br>50.00 | E/28 Ac. NW/4 NW/4<br>Except 2 Ac. on Eastern Edge<br>Sec. 24-29N-13W | 26.00               | 0.00108924                 |
| 106-A                    | (12-3-52)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.<br>50.00<br>50.00 | East/2 Ac. NW/4 NW/4 Sec. 24-29N-13W                                  | 2.00                | 0.00008379                 |
| 107                      | (3-8-47)                              | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.<br>50.00<br>50.00 | NE/4 NW/4 Sec. 24-29N-13W<br>Except 16 1/2' on Eastern Edge           | 39.50               | 0.00165481                 |
| 107-A                    | (Unleased)                            | Unleased  | Unleased<br>100.00  | 16 1/2' on Eastern Edge of NE/4 NW/4<br>Sec. 24-29N-13W               | (0.50)              | 0.00000000                 |
| 108                      | (3-8-47)                              | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.<br>50.00<br>50.00 | S/2 NW/4, SW/4 NE/4, Except 3 Ac.<br>in NW corner, Sec. 24-29N-13W    | 117.00              | 0.00490158                 |
| 108-A                    | (12-6-52)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.<br>50.00<br>50.00 | 3 Ac. in NW corner of SW/4 NW/4<br>Sec. 24-29N-13W                    | 3.00                | 0.00012568                 |
| 109                      | (10-3-56)                             | BHP Petroleum (Americas) Inc.                                 | BHP Petroleum (Americas) Inc.<br>100.00   | NW/4 NE/4 Except 1/2 Ac.<br>Extreme SE Corner,<br>Sec. 24-29N-13W     | 39.50               | 0.00165481                 |

\*Acreage description is from surface to base of Basin Fruitland Coal formation.

| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>   | <u>Working Interest Ownership in Tract Owner</u>              | <u>Percent</u> | <u>Tract Description (*)</u>  | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|---|---|----------------|---|---------------------|----------------------------|
| 110                      | (9-8-48)                              | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | E/2 NE/4 Except East<br>5 Ac. of SE/4 NE/4<br>Sec. 24-29N-13W   | 75.00               | 0.00314204                 |
| 111                      | (12-3-47)                             | Meridian Oil Production Inc.                                  | Meridian Oil Production Inc.                                  | 100.00         | 1/2 Ac. South of Public Rd.<br>in SE Corner NW/4 NE/4<br>Sec. 24-29N-13W  | .50                 | 0.00002095                 |
| 112                      | (5-15-47)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | S/2 S/2 Sec. 24, N/2 N/2<br>Sec. 25-29N-13W; NW/4 NE/4,<br>SE/4 NW/4, S/2 NE/4, Lot 1, NE/4 NW/4<br>Sec. 30; Lot 4<br>Sec. 19-29N-12W | 598.93              | 0.02509151                 |
| 113                      | (2-24-47)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | SW/4 NE/4 Sec. 25-29N-13W;  | 40.00               | 0.00167576                 |
| 114                      | (2-11-47)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | SE/4 NE/4 Sec. 25-29N-13W;<br>Lot 2; Lot 3, NE/4 SW/4<br>Sec. 30-29N-12W  | 159.12              | 0.00666616                 |
| 115                      | (1-9-56)                              | BHP Petroleum (Americas) Inc.                                 | BHP Petroleum (Americas) Inc.                                 | 100.00         | Lot 2, SE/4NW/4, NE/4 SW/4<br>Sec. 18-29N-12W   | 119.37              | 0.00500087                 |
| 116                      | (1-9-56)                              | BHP Petroleum (Americas) Inc.                                 | BHP Petroleum (Americas) Inc.                                 | 100.00         | W/2 SE/4 Sec. 18-29N-12W  | 80.00               | 0.00335151                 |

\*Acreage description is from surface to base of Basin Fruitland Coal formation.

| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>   | <u>Working Interest Ownership in Tract Owner</u>              | <u>Percent</u> | <u>Tract Description (*)</u>   | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|---|---|----------------|--|---------------------|----------------------------|
| 117                      | (8-17-48)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | SE/4 SE/4 Sec. 19, W/2 SW/4 SW/4 Sec. 20-29N-12W   | 60.00               | 0.00251363                 |
| 118                      | (5-8-47)<br>(8-1-46)                  | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 75.00<br>25.00 | E 60 Ac. of E/2 SW/4 Sec. 19-29N-12W   | 60.00               | 0.00251363                 |
| 119                      | (9-17-47)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | W 20 ac. E/2 SW/4 Sec. 19-29N-12W  | 20.00               | 0.00083788                 |
| 120                      | (2-8-47)                              | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | Lots 1 & 2, W/23.46 Ac. of NW/4 SW/4 Sec. 19-29N-12W; E/5 Ac. of SE/4 NE/4 Sec. 24-29N-13W | 107.31              | 0.00449563                 |
| 121                      | (9-17-47)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | East 16.00 Ac. of NW/4 SW/4 Sec. 19-29N-12W  | 16.00               | 0.00067030                 |
| 122                      | (2-12-51)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | W/2 SE/4, SW/4 NE/4 Sec. 19-29N-12W  | 120.00              | 0.00502727                 |
| 123                      | (2-11-47)                             | Amoco Production<br>Meridian Oil Production Inc.              | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | SE/4 SE4, W/2 SE/4, SE/4 SW/4 Sec. 30-29N-12W  | 160.00              | 0.00670302                 |
| 124                      | (10-13-52)                            | Amoco Production<br>Meridian Oil Production Inc.              | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | NE4 NW/4 Sec. 32-29N-12W   | 40.00               | 0.00167576                 |

\* Acreage description is from surface to base of Basin Fruitland Coal formation.

| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>   | <u>Working Interest Ownership in Tract Owner</u>              | <u>Percent</u> | <u>Tract Description (*)</u>           | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|---|---|----------------|--|---------------------|----------------------------|
| 125                      | (8-17-48)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | SW/4/SE/4 Sec.20-29N-12W               | 40.00               | 0.00167576                 |
| 126                      | (1-31-47)                             | BHP Petroleum (Americas) Inc.                                 | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | SE/4 SW/4 Sec.<br>20-29N-12W           | 40.00               | 0.00167576                 |
| 127                      | (8-17-48)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | E/2 SW/4 SW/4<br>Sec.20-29N-12W        | 20.00               | 0.00083788                 |
| 139                      | (7-18-58)                             | BHP Petroleum (Americas) Inc.                                 | BHP Petroleum (Americas) Inc.                                 | 100.00         | SE/4SW/4 Sec. 22-29N-12W               | 40.00               | 0.00167576                 |
| 140                      | (4-15-58)                             | BHP Petroleum (Americas) Inc.                                 | BHP Petroleum (Americas) Inc.                                 | 100.00         | SW/4SW/4 Sec. 22-29N-12W               | 40.00               | 0.00167576                 |
| 142                      | (1-31-47)                             | Meridian Oil Production Inc.<br>BHP Petroleum (Americas) Inc. | Meridian Oil Production Inc.<br>BHP Petroleum (Americas) Inc. | 50.00<br>50.00 | SW/4 NW/4, W/2 SW/4<br>Sec. 35-29N-12W | 120.00              | 0.00502727                 |
| 145                      | (3-12-47)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | E/2 NW/4<br>Sec. 35-29N-12W            | 80.00               | 0.00335151                 |
| 146                      | (1-31-47)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | E/2 SW/4<br>Sec. 35-29N-12W            | 80.00               | 0.00335151                 |

\*Acreage description is from surface to base of Basin Fruitland Coal formation.



| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u> | <u>Working Interest Ownership in Tract Owner</u> | <u>Percent</u> | <u>Tract Description (*)</u>        | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|---------------------|--|----------------|-------------------------------------|---------------------|----------------------------|
| 155                      | (Not Leased)                          | Patricia Kavestrand | Patricia Kavestrand                              | 100.00         | W/249' SW/4NW/4 Sec. 13-29N-13W     | 8.00                | 0.000033515                |
| 164                      | (5-10-51)                             | Louise Locke        | Louise Locke                                     | 100.00         | Lots 3 & 4, S/2 NW/4 Sec. 5-27N-12W | (159.94)            | 0.000000000                |

\*Acreage description is from surface to base of Basin Fruitland Coal formation.

SCHEDULE OF OWNERSHIP  
 GALLEGOS CANYON UNIT

R E C A P I T U L A T I O N

INITIAL BASIN FRUITLAND COAL PARTICIPATING AREA  
 PRIOR TO MAY 1, 1995

| <u>Lands</u>         | <u>Total Acreage</u> | <u>Committed Acreage</u> | <u>Participation Percent</u> |
|----------------------|----------------------|--------------------------|------------------------------|
| Total Federal Lands  | 17,228.02            | 17,228.02                | 72.1749                      |
| Total Indian Lands   | 1,752.50             | 1,752.50                 | 7.3419                       |
| Total State Lands    | 2,026.08             | 2,026.08                 | 8.4880                       |
| Total Patented Lands | <u>3,275.67</u>      | <u>2,863.23</u>          | <u>11.9952</u>               |
| TOTAL                | 24,282.27            | 23,869.83                | 100.0000                     |

NOTE: Acreage in parenthesis ( ) is not committed to the Unit.

\*Acreage is from surface to base of Pictured Cliffs unless otherwise shown.

EXHIBIT "B"

INITIAL BASIN FRUITLAND COAL PARTICIPATING AREA  
 GALLEGOS CANYON UNIT, SAN JUAN COUNTY, NEW MEXICO  
 AS OF  
 MAY 1, 1995

| Unit Tract Number    | Serial No. & Date of Lease | Record Owner             | Working Interest Owner in Tract   |   | Tract Description (*)                                       | No. of Acres | T P |
|----------------------|----------------------------|--------------------------|---|---|---|--------------|-----|
|                      |                            |                          | Owner   | Percent                                   |   |              |     |
| <b>FEDERAL LANDS</b> |                            |                          |   |   |   |              |     |
| 1                    | NM-014376<br>(11-1-54)     | Amoco Production Company | BHP Petroleum (Americas) Inc.   | 100.00                                    | N/2 S/2 Sec.<br>24-29N-13W                                  | 160.00       |     |
| 3                    | NM-03654                   | Amoco Production Company | BHP Petroleum (Americas) Inc.   | 100.00                                    | Lot 3 Sec. 18-29N-12W                                       | 39.43        |     |
| 4                    | NM-03654<br>(2-1-51)       | Amoco Production Company | BHP Petroleum (Americas) Inc.   | 100.00                                    | S/2SW/4, SW/4SE/4,<br>Sec. 23; NE/4 NE/4<br>Sec. 26-29N-13W | 160.00       |     |
| 5                    | NM-06237<br>(10-1-52)      | Ernest A. Hanson         | E. H. Weig, Trustee of the<br>Weig Family Trust<br>Arley P. Geniusz Trust<br>Norbert Geniusz Trust<br>Joanne Kruger<br>Linda Bulk | 25.00<br>25.00<br>25.00<br>12.50<br>12.50 | Lots 1,2,5,6 Sec. 21<br>29N-12W                             | 160.58       |     |

\*Acreage description is from surface to base of Basin Fruitland Coal formation.

| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>            | <u>Working Interest Ownership in Tract Owner</u>         | <u>Percent</u> | <u>Tract Description (*)</u>   | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|--------------------------------|--|----------------|--|---------------------|----------------------------|
| 7                        | SF-077967<br>(2-1-48)                 | Meridian Oil Production Inc.   | Meridian Oil Production Inc.                             | 100.00         | E/2 Sec. 36-28N-13W  | 320.00              | 0.01343074                 |
| 9                        | SF-078106<br>(12-1-47)                | Meridian Minerals Co.          | BHP Petroleum (Americas)<br>Dugan Production Corporation | 87.39<br>12.61 | Sec.s 17, 18;<br>NW/4 SE/4 Sec. 21; NW/4<br>Sec 22-28N-12W   | 1744.28             | 0.07320928                 |
| 10                       | SF-078109<br>(2-1-48)                 | Sun Operating Ltd. Partnership | BHP Petroleum (Americas) Inc.                            | 100.00         | Lots 1-5, SE/4 SW/4, S/2 SE/4<br>Sec. 7-28N-12W; Lots 3,4,7,8,9,12,<br>W/2NW/4, NW/4SW/4, SE/4SE/4 Sec. 21;<br>Lots 5-20 (All) Sec. 31-29N-12W | 1288.99             | 0.05410028                 |
| 11                       | SF-078209<br>(10-1-49)                | Amoco Production Company       | BHP Petroleum (Americas) Inc.                            | 100.00         | Lot 1 Sec. 35-29N-12W  | 40.00               | 0.00167884                 |
| 11-B                     | SF-078209<br>(10-1-49)                | Meridian Oil Production Inc.   | Meridian Oil Production Inc.                             | 100.00         | NE/4 NE/4, NE/4 SE/4<br>and Lot 4 Sec. 30-29N-12W  | 119.68              | 0.00502310                 |
| 12                       | SF-078303<br>(12-1-47)                | Amoco Production Company       | BHP Petroleum (Americas) Inc.                            | 100.00         | Lots 10, 11, 12 Sec. 18-29N-12W  | 117.87              | 0.00494713                 |
| 13                       | SF-078370<br>(12-1-47)                | Amoco Production Company       | BHP Petroleum (Americas) Inc.                            | 100.00         | Lots 1, 2, 3, 6, 7, 8, Sec. 17;<br>Lots 5, 6, 7, 8, 9 Sec. 18-29N-12W  | 433.33              | 0.01818732                 |
| 14                       | NM-03401<br>(2-1-47)                  | Amoco Production Company       | BHP Petroleum (Americas) Inc.                            | 100.00         | Lots 4 and 5 Sec. 17-29N-12W   | 78.60               | 0.00329893                 |

\*Acreage description is from surface to base of Basin Fruitland Coal formation.

| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>                                      | <u>Working Interest Ownership in Tract Owner</u>              | <u>Percent</u> | <u>Tract Description (*)</u>                                      | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|--|---|----------------|---|---------------------|----------------------------|
| 16                       | SF-078807-A<br>(4-1-48)               | Amoco Production Company<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production      | 50.00<br>50.00 | Lots 1, 2, 3, 4 and S/2 S/2<br>Sec. 12; E/2 Sec. 13-28N-13W       | 595.40              | 0.02498957                 |
| 17                       | SF-078828<br>(8-1-49)                 | Amoco Production Company<br>Meridian Oil Production Inc. | BHP Petroleum (Americas)<br>Meridian Oil Production Inc.      | 50.00<br>50.00 | SE/4 Sec. 29-28N-12W  | 160.00              | 0.00671537                 |
| 17-A                     | SF-078828-A<br>(8-1-49)               | Amoco Production Company<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | Sec. 27; Sec. 28; NE/4<br>Sec. 29-28N-12W                         | 1440.00             | 0.06043833                 |
| 18                       | SF-078903-A<br>(2-1-48)               | McArthur Foundation<br>Meridian Oil Production Inc.      | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | Sec. 34-28N-12W   | 640.00              | 0.02686148                 |
| 18-A                     | SF-078903<br>(2-1-48)                 | Meridian Oil Production Inc.                             | Meridian Oil Production Inc.                                  | 100.00         | Sec. 35 and Sec. 36-28N-12W                                       | 1280.00             | 0.05372296                 |
| 18-B                     | SF-078903-B<br>(2-1-48)               | Amoco Production Company                                 | BHP Petroleum (Americas) Inc.                                 | 100.00         | Sec. 33-28N-12W   | 640.00              | 0.02686148                 |
| 19                       | SF-078904<br>(2-1-48)                 | Amoco Production Company<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | Sec. 24-28N-12W   | 640.00              | 0.02686148                 |
| 19-A                     | SF-078904-A<br>(2-1-48)               | Amoco Production Company                                 | BHP Petroleum (Americas) Inc.                                 | 100.00         | W/2 Sec. 25-28N-12W   | 320.00              | 0.01343074                 |
| 20                       | SF-078905<br>(7-1-48)                 | Amoco Production Company<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | SW/4 SW/4 Sec. 12; W/2 NW/4,<br>SW/4 Sec 13; SW/4 Sec. 22-28N-12W | 440.00              | 0.01846727                 |

\*Acreage description is from surface to base of Basin Fruitland Coal formation.

| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>  | <u>Working Interest Ownership in Tract Owner</u>   | <u>Percent</u>                       | <u>Tract Description (*)</u>  | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|--|--|--------------------------------------|---|---------------------|----------------------------|
| 21                       | SF-078926<br>(5-1-48)                 | Amoco Production Company<br>Meridian Oil Production Inc.         | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.  | 50.00<br>50.00                       | S/2 NW/4, S/2 Sec. 25;<br>W/2 NE/4, SE/4 NE/4 Sec. 26;<br>Sec. 35-29N-13W | 1160.00             | 0.04868643                 |
| 21-A                     | SF-078926-A<br>(5-1-48)               | Amoco Production Company   | BHP Petroleum (Americas) Inc.  | 100.00                               | S/2, NW/4 Sec. 26-29N-13W   | 480.00              | 0.02014611                 |
| 22                       | SF-078949<br>(2-1-48)                 | Earl Hanson - 45.00<br>Paul Slayton - 45.00<br>MMH Trust - 10.00 | Arley P. Geniusz and Norbert<br>Geniusz, Trustees of the Arley P.<br>Geniusz Trust<br>E. H. Weig, Trustee of the Weig<br>Family Trust<br>Paul Slayton<br>Margaret M. Hodges, Trustee of the<br>MMH Trust | 22.50<br><br>22.50<br>45.00<br>10.00 | Lot 4, SE/4 SW/4 Sec. 18;<br>E/2 NW/4, NW/4 NE/4<br>Sec. 19-29N-12W       | 199.48              | 0.00837239                 |
| 24                       | SF-079244<br>(5-1-48)                 | Amoco Production Company<br>Meridian Oil Production Inc.         | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.  | 50.00<br>50.00                       | NW/4 Sec. 20-28N-12W  | 160.00              | 0.00671537                 |
| 24-A                     | SF-079244-A<br>(5-1-48)               | Amoco Production Company<br>Meridian Oil Production Inc.         | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.  | 50.00<br>50.00                       | NE/4 Sec. 19-28N-12W  | 160.00              | 0.00671537                 |
| 25                       | SF-079346<br>(5-1-49)                 | Amoco Production Company<br>Meridian Oil Production Inc.         | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.  | 50.00<br>50.00                       | SE/4 Sec. 32-28N-12W  | 160.00              | 0.00671537                 |
| 25-A                     | SF-078902<br>(2-1-48)                 | Meridian Oil Production Inc.                                     | Meridian Oil Production Inc.   | 100.00                               | Sec. 4 ; Lots 1 & 2, S/2 NE/4<br>Sec. 5-27N-12W                           | 800.62              | 0.03360287                 |
| 25-B                     | SF-079346-A<br>(5-1-49)               | Amoco Production Company<br>Meridian Oil Production Inc.         | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.  | 50.00<br>50.00                       | N/2, SW/4 Sec. 32-28N-12W   | 480.00              | 0.02014611                 |

\*Acreage description is from surface to base of Basin Fruitland Coal formation.

| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>  | <u>Working Interest Ownership in Tract Owner</u>   | <u>Percent</u>  | <u>Tract Description (*)</u>                                       | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|--|--|---|--|---------------------|----------------------------|
| 28                       | SF-0802399<br>(9-1-49)                | Meridian Oil Production  | Meridian Oil Production  | 100.00  | N/2 SE/4, SE/4 SE/4 Sec. 23-29N-13W                                | 120.00              | 0.00503653                 |
| 29                       | SF-0804911<br>(6-1-53)                | Amoco Production Company   | BHP Petroleum (Americas) Inc.  | 100.00  | Lots 9, 10, 15, 16 Sec.. 17-29N-12W                                | 158.42              | 0.00664906                 |
| 30                       | SF-0806000<br>(6-1-53)                | Amoco Production Company   | BHP Petroleum (Americas) Inc.  | 100.00  | Lots 11, 12, 13, 14 Sec. 17-29N-12W                                | 156.92              | 0.00658610                 |
| 31                       | SF-080614<br>(5-1-52)                 | Amoco Production Company<br>Meridian Oil Production                            | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.  | 50.00<br>50.00  | E/2SE/4, NE/4NW/4, NE/4<br>Sec. 13-29N-13W                         | 280.00              | 0.01175190                 |
| 32                       | SF-080647<br>(3-1-48)                 | First Nat. Bank of Amarillo,<br>Texas, Trustee, Nicole Huve<br>Revocable Trust | BHP Petroleum (Americas) Inc.  | 100.00  | Lots 11, 12 Sec. 22-29N-12W  | 79.75               | 0.00334719                 |
| 33                       | SF-080647<br>(3-1-48)                 | First Nat. Bank of Amarillo<br>Texas, Trustee, Nicole Huve<br>Revocable Trust  | BHP Petroleum (Americas) Inc.  | 100.00  | Lots 3, 4, 5, 6, Sec. 22-29N-12W                                   | 159.22              | 0.00668263                 |
| 34                       | SF-080723<br>(1-1-50)                 | Amoco Production Company   | Donald S. Fulsaaas<br>Martlyn A. Fulsaaas<br>Richard M. Fulsaaas<br>Donald S. Fulsaaas, Exec.<br>of the Estate of Russell Fulsaaas<br>Johnson Family Royalty<br>Dorothy E. Mengotto<br>The Johnson Trust | 7.50<br>7.50<br>7.50<br>7.50<br>25.00<br>22.50<br>22.50 | Lots 5, 6, and 7 Sec. 19;<br>Lots 9-11, E/2SE/4<br>Sec. 20-29N-12W | 312.71              | 0.01312477                 |

\*Acreage description is from surface to base of Basin Fruitland Coal formation.

| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>                                  | <u>Working Interest Ownership in Tract Owner</u>              | <u>Percent</u> | <u>Tract Description (*)</u>  | <u>No. of Acres</u> |
|--------------------------|---------------------------------------|--|---|----------------|---|---------------------|
| 34-A                     | NM-03526<br>(1-1-50)                  | Amoco Production Company                             | BHP Petroleum (Americas) Inc.                                 | 100.00         | Lots 10, 11, S/2SW/4SW/4,<br>S/2S/2SE/4SW/4, NW/4SW/4SE/4SW/4,<br>Sec. 21-29N-12W | 80.41               |
| 34-B                     | SF-080723<br>(1-1-50)                 | Amoco Production Company                             | BHP Petroleum (Americas) Inc.                                 | 100.00         | Lots 1-8 Sec. 20-29N-12W  | 313.18              |
| 35                       | SF-080844-A                           | Amoco Production Company                             | BHP Petroleum (Americas) Inc.                                 | 100.00         | Lots 1-4, E/2W/2<br>Sec. 19-28N-11W   | 315.84              |
| 35-A                     | SF-080844<br>(10-1-51)                | Amoco Production Company                             | Meridian Oil Production Inc.                                  | 100.00         | Lots 3,4, E/2 SW/4, SE/4<br>Sec. 31-28N-11W                                       | 317.39              |
| 159                      | SF-078902-A<br>(2-1-48)               | MacArthur Foundation<br>Meridian Oil Production Inc. | Meridian Oil Production Inc.<br>BHP Petroleum (Americas) Inc. | 50.00<br>50.00 | N/2 Sec. 9-27N-12W  | 320.00              |
| 160                      | SF-080111<br>(4-1-48)                 | Meridian Oil Production Inc.                         | Meridian Oil Production Inc.<br>BHP Petroleum (Americas) Inc. | 50.00<br>50.00 | Lots 3, 4, 5, SE/4 NW/4<br>Sec. 6-27N-12W   | 152.04              |

\*Acreage description is from surface to base of Basin Fruitland Coal formation.



| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u>          | <u>Record Owner</u>               | <u>Working Interest Ownership in Tract Owner</u> | <u>Percent</u> | <u>Tract Description (*)</u>                | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|--|-----------------------------------|--|----------------|---|---------------------|----------------------------|
| <b>INDIAN LEASES</b>     |  |                                   |  |                |   |                     |                            |
| 37                       | I-149-<br>Ind-8474<br>(5-29-50)                | Wood Oil Co.                      | Wood Oil Company                                 | 100.00         | NW/4 Sec. 16-28N-12W                        | 160.00              | 0.00671537                 |
| 38                       | I-149-<br>Ind--8475<br>(5-27-50)               | Texaco Exploration and Production | Texaco Exploration and Production                | 100.00         | SW/4 Sec. 16; NE/4, SW/4<br>Sec. 21-28N-12W | 480.00              | 0.02014611                 |
| 39                       | I-149-<br>Ind-8476<br>(5-27-50)                | Texaco Exploration and Production | Texaco Exploration and Production                | 100.00         | SE/4 Sec. 19; S/2, NE/4<br>Sec. 20-28N-12W  | 632.62              | 0.02655173                 |
| 40                       | I-149-<br>Ind-8477<br>(5-27-50)                | Texaco Exploration and Production | Texaco Exploration and Production                | 100.00         | W/2 Sec. 29-28N-12W                         | 320.00              | 0.01343074                 |
| 162                      | Ind. Pat.<br>Allotment No. 059312<br>(5-27-50) | Texaco Exploration and Production | Texaco Exploration and Production                | 100.00         | Lots 1,2, S/2 NE/4 Sec. 6-27N-12W           | 159.88              | 0.00671033                 |

\*Acreage description is from surface to base of Basin Fruitland Coal formation.

| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>                                      | <u>Working Interest Ownership in Tract Owner</u>              | <u>Percent</u> | <u>Tract Description (*)</u>   | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|--|---|----------------|--|---------------------|----------------------------|
| <b>STATE LEASES</b>      |                                       |  |   |                |  |                     |                            |
| 46                       | E-2447<br>(2-10-49)                   | Texaco Exploration and Production                        | BHP Petroleum (Americas) Inc.                                 | 100.00         | E/2 NW/4, Lot 3, SE/4 SW/4,<br>Sec. 18-28N-11W;<br>SE/4 NW/4, NW/4 SE/4, S/2SE/4,<br>Sec. 13-28N-12W | 318.93              | 0.01338583                 |
| 46                       | E-2447<br>(2-10-49)                   | Texaco Exploration and Production                        | Texaco Exploration and Production                             | 100.00         | Lots 1, 2, 3, S/2 SE/4 Sec. 12-<br>28N-12W; NE/4 SW/4 Sec. 16-<br>29N-12W                            | 202.80              | 0.00851173                 |
| 46-A                     | E-2447<br>(2-10-49)                   | Amoco Production Company<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | NE/4 SW/4<br>Sec. 32-29N-12W; NW/4 NE/4<br>Sec. 36-29N-13W   | 80.00               | 0.00335768                 |
| 47                       | B-10870<br>(12-10-53)                 | Sun Operating Limited Partnership                        | BHP Petroleum (Americas) Inc.                                 | 100.00         | Lots 1, 2 Sec. 18-28N-11W;<br>SE/4 SW/4 Sec. 16-29N-12W  | 117.80              | 0.00494419                 |
| 52                       | OG-1045<br>(7-16-57)                  | Amoco Production Company                                 | BHP Petroleum (Americas) Inc.                                 | 100.00         | NE4 SW/4 Sec. 18-28N-11W   | 40.00               | 0.00167884                 |
| 53                       | OG-1531<br>(11-19-57)                 | Amoco Production Company                                 | BHP Petroleum (Americas) Inc.                                 | 100.00         | Lot 4 Sec. 18-28N-11W  | 38.95               | 0.00163477                 |
| 54                       | E-284-15<br>(4-13-45)                 | Amoco Production Company                                 | BHP Petroleum (Americas) Inc.                                 | 100.00         | Lot 4 Sec. 12-28N-12W  | 27.60               | 0.00115840                 |

\*Average description is from surface to base of Basin Fruitland Coal formation.

| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>               | <u>Working Interest Ownership in Tract Owner</u>               | <u>Percent</u> | <u>Tract Description (*)</u> | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|-----------------------------------|--|----------------|------------------------------|---------------------|----------------------------|
| 55                       | E-3151-3<br>(12-14-54)                | Amoco Production Company          | BHP Petroleum (Americas) Inc.                                  | 100.00         | SE/4 SW/4 Sec. 12-28N-12W    | 40.00               | 0.00167884                 |
| 56                       | E-1065-1<br>(1-7-51)                  | Texaco Exploration & Production   | Texaco Exploration & Production<br>Williams Production Company | 82.00<br>18.00 | N/2 NE/4 Sec. 13-28N-12W     | 80.00               | 0.00335768                 |
| 57                       | B-11513-16<br>(10-2-44)               | Amoco Production Company          | BHP Petroleum (Americas) Inc.                                  | 100.00         | NE/4NW/4 Sec. 13-28N-12W     | 40.00               | 0.00167884                 |
| 58                       | E-3156-2<br>(12-15-49)                | Amoco Production Company          | BHP Petroleum (Americas) Inc.                                  | 100.00         | S/2 NE/4 Sec. 13-28N-12W     | 80.00               | 0.00335768                 |
| 59                       | B-9145-36<br>(5-15-41)                | Amoco Production Company          | BHP Petroleum (Americas) Inc.                                  | 100.00         | NE/4 SE/4 Sec. 13-28N-12W    | 40.00               | 0.00167884                 |
| 60                       | E-498-9<br>(8-10-51)                  | Sun Operating Limited Partnership | BHP Petroleum (Americas) Inc.                                  | 100.00         | SW/4SW/4 Sec. 16-29N-12W     | 40.00               | 0.00167884                 |
| 61                       | B-9145-35<br>(5-15-41)                | Amoco Production Company          | BHP Petroleum (Americas) Inc.                                  | 100.00         | NW/4 SW/4 Sec. 16-29N-12W    | 40.00               | 0.00167884                 |
| 62                       | E-5462<br>(8-10-51)                   | Sun Operating Limited Partnership | BHP Petroleum (Americas) Inc.                                  | 100.00         | NW/4 NW/4 Sec. 32-29N-12W    | 40.00               | 0.00167884                 |
| 63                       | E-5462<br>(8-10-51)                   | Sun Operating Limited Partnership | BHP Petroleum (Americas) Inc.                                  | 100.00         | SW/4 NW/4 Sec. 32-29N-12W    | 40.00               | 0.00167884                 |

\*Average description is from surface to base of Basin Fruitland Coal formation.

| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>                                      | <u>Working Interest Ownership in Tract Owner</u>              | <u>Percent</u> | <u>Tract Description (*)</u> | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|--|---|----------------|------------------------------|---------------------|----------------------------|
| 64                       | B-10405-30<br>(6-24-43)               | Amoco Production Company<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | SE/4 NW/4 Sec. 32-29N-12W    | 40.00               | 0.00167884                 |
| 65                       | E-5462<br>(8-10-51)                   | Sun Operating Limited Partnership                        | BHP Petroleum (Americas) Inc.                                 | 100.00         | NW/4 SW/4 Sec. 32-29N-12W    | 40.00               | 0.00167884                 |
| 66                       | E-5462<br>(8-10-51)                   | Sun Operating Limited Partnership                        | BHP Petroleum (Americas) Inc.                                 | 100.00         | SE/4 SW/4 Sec. 32-29N-12W    | 40.00               | 0.00167884                 |
| 67                       | B-11318-10<br>(6-26-54)               | Amoco Production Company<br>Total Minatome               | BHP Petroleum (Americas) Inc.<br>Total Minatome               | 56.25<br>43.75 | SW/4 SW/4 Sec. 32-29N-12W    | 40.00               | 0.00167884                 |
| 78-A                     | B-9104-4<br>(4-30-51)                 | Meridian Oil Production Inc.                             | Meridian Oil Production Inc.                                  | 100.00         | SE/4 NW/4 Sec. 36-29N-13W    | 40.00               | 0.00167884                 |
| 82                       | E-3374-1<br>(3-13-50)                 | Conoco Inc.  | BHP Petroleum (Americas) Inc.                                 | 100.00         | NE/4 NE/4 Sec. 36-29N-13W    | 40.00               | 0.00167884                 |
| 83                       | E-5462<br>(8-10-51)                   | Sun Operating Limited Partnership                        | BHP Petroleum (Americas) Inc.                                 | 100.00         | NE/4 NW/4 Sec. 36-29N-13W    | 40.00               | 0.00167884                 |
| 84                       | B-11017-8<br>(2-18-54)                | Amoco Production Company<br>Total Minatome               | BHP Petroleum (Americas) Inc.<br>Total Minatome               | 56.25<br>43.75 | W/2 NW/4 Sec. 36-29N-13W     | 80.00               | 0.00335768                 |
| 85                       | E-331-9<br>(5-16-50)                  | Amoco Production Company<br>Total Minatome               | BHP Petroleum (Americas) Inc.<br>Total Minatome               | 56.25<br>43.75 | NW/4 SW/4 Sec. 36-29N-13W    | 40.00               | 0.00167884                 |

\*Acreage description is from surface to base of Basin Fruitland Coal formation.

| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>                                      | <u>Working Interest Owner</u>                                 | <u>Ownership in Tract Percent</u> | <u>Tract Description (*)</u> | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|--|---|-----------------------------------|------------------------------|---------------------|----------------------------|
| 86                       | E-5462<br>(8-10-51)                   | Sun Operating Limited Partnership                        | BHP Petroleum (Americas) Inc.                                 | 100.00                            | SE/4 NE/4 Sec. 36-29N-13W    | 40.00               | 0.00167884                 |
| 87                       | E-5462<br>(8-10-51)                   | Sun Operating Limited Partnership                        | BHP Petroleum (Americas) Inc.                                 | 100.00                            | SW/4 NE/4 Sec. 36-29N-13W    | 40.00               | 0.00167884                 |
| 88                       | E-5462<br>(8-10-51)                   | Sun Operating Limited Partnership                        | BHP Petroleum (Americas) Inc.                                 | 100.00                            | NE/4 SW/4 Sec. 36-29N-13W    | 40.00               | 0.00167884                 |
| 89                       | E-5462<br>(8-10-51)                   | Sun Operating Limited Partnership                        | BHP Petroleum (Americas) Inc.                                 | 100.00                            | NW/4 SE/4 Sec. 36-29N-13W    | 40.00               | 0.00167884                 |
| 90                       | B-11017-14<br>(2-18-54)               | Amoco Production Company<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00                    | NE/4 SE/4 Sec. 36-29N-13W    | 40.00               | 0.00167884                 |
| 91                       | B-11017-15<br>(2-18-54)               | Amoco Production Company<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00                    | SW/4 SW/4 Sec. 36-29N-13W    | 40.00               | 0.00167884                 |
| 92                       | B-11017-58<br>(2-18-54)               | BHP Petroleum (Americas) Inc.<br>Total Minatome          | BHP Petroleum (Americas) Inc.<br>Total Minatome               | 56.25<br>43.75                    | SE/4 SW/4 Sec. 36-29N-13W    | 40.00               | 0.00167884                 |
| 93                       | B-11017-40<br>(2-18-54)               | Amoco Production Company                                 | BHP Petroleum (Americas) Inc.                                 | 100.00                            | SW/4 SE/4 Sec. 36-29N-13W    | 40.00               | 0.00167884                 |
| 94                       | E-2526<br>(3-10-54)                   | Chase Oil Corporation                                    | Chase Oil Corporation   | 100.00                            | SE/4 SE/4 Sec. 36-29N-13W    | 40.00               | 0.00167884                 |

\*Acreage description is from surface to base of Basin Fruitland Coal formation.

| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>   | <u>Working Interest Ownership in Tract Owner</u>              | <u>Percent</u> | <u>Tract Description (*)</u>  | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|---|---|----------------|---|---------------------|----------------------------|
| <b>PATENTED LEASES</b>   |                                       |   |   |                |   |                     |                            |
| 95                       | (3-2-59)<br>(4-28-59)                 | BHP Petroleum (Americas) Inc.                                 | BHP Petroleum (Americas) Inc.                                 | 100.00         | SE/4 NW/4, NE/4 SW/4, W/2SE/4 Sec. 13-29N-13W   | 160.00              | 0.00671537                 |
| 96                       | (8-2-48)                              | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | NW/4NW/4 Sec. 13-29N-13W  | 40.00               | 0.00167884                 |
| 97                       | (11-12-48)                            | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | NW/4SW/4 Sec. 13-29N-13W  | 40.00               | 0.00167884                 |
| 98                       | (12-16-53)                            | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | E/1071' SW/4NW/4 Sec. 13-29N-13W  | 32.00               | 0.00134307                 |
| 99                       | (11-29-48)                            | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | W/2SW/4SW/4 Sec. 13-29N-13W   | 20.00               | 0.00083942                 |
| 100                      | (11-1-48)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | E/2SW/4SW/4, SE/4SW/4 Sec. 13-29N-13W   | 60.00               | 0.00251826                 |
| 101                      | (8-22-52)                             | Louise Locke  | Louise Locke  | 100.00         | Begin at a point on N. Line Sec. 23, 40 Rods E. from NW/C of the NE/4 of said Sec., Thence S. 746.8'; Thence E. 770'; Thence N. 746.8'; Thence W. 777' to place of beginning, all situated in Sec. 23-29N-13W | (12.00)             | .00000000                  |

\*Average description is from surface to base of Basin Fruitland Coal formation.

| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>   | <u>Working Interest Ownership in Tract Owner</u>              | <u>Percent</u> | <u>Tract Description (*)</u>  | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|---|---|----------------|---|---------------------|----------------------------|
| 102                      | (2-20-47)                             | Louise Locke  | Louise Locke  | 100.00         | E/2 NE/4, SW/4 NE/4 and 13 acres in S. part of NW/4 NE/4 Sec. 23-29N-13W  | 133.00              | 0.00558215                 |
| 103                      | (12-13-51)                            | BHP Petroleum (Americas) Inc.                                 | BHP Petroleum (Americas) Inc.                                 | 100.00         | N/2 SW/4 Sec. 23-29N-13W  | (80.00)             | 0.00000000                 |
| 103-A                    | (12-13-51)                            | Louise Locke  | Louise Locke  | 100.00         | NW/4 Sec. 23-29N-13W  | (160.00)            | 0.00000000                 |
| 104                      | (4-21-56)                             | Louise Locke  | Louise Locke  | 100.00         | Begin at NW Cor. of the NE/4, Sec. 23, Thence S. 60 Rods, Thence E. 40 Rods, Thence N. 60 Rods, Thence W. 40 Rods, Thence W. 40 Rods to beginning All situated in Sec. 23-29N-13W | 15.00               | 0.00062957                 |
| 105                      | (9-17-47)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | W 12 Ac. NW/4 NW/4<br>Sec. 24-29N-13W   | 12.00               | 0.00050365                 |
| 106                      | (3-13-47)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | E/28 Ac. NW/4 NW/4<br>Except 2 Ac. on Eastern Edge<br>Sec. 24-29N-13W   | 26.00               | 0.00109125                 |
| 106-A                    | (12-3-52)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | Eas/2 Ac. NW/4 NW/4 Sec. 24-29N-13W   | 2.00                | 0.00008394                 |
| 107                      | (3-8-47)                              | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | NE/4 NW/4 Sec. 24-29N-13W<br>Except 16 1/2' on Eastern Edge   | 39.50               | 0.00165786                 |

\*Acreage description is from surface to base of Basin Fruitland Coal formation.

| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>   | <u>Working Interest Ownership in Tract Owner</u>              | <u>Percent</u> | <u>Tract Description (*)</u>  | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|---|---|----------------|---|---------------------|----------------------------|
| 107-A                    | (Unleased)                            | Unleased  | Unleased  | 100.00         | 16 1/2' on Eastern Edge of NE/4 NW/4 Sec. 24-29N-13W  | (0.50)              | 0.00000000                 |
| 108                      | (3-8-47)                              | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | S/2 NW/4, SW/4 NE/4, Except 3 Ac. in NW corner, Sec. 24-29N-13W   | 117.00              | 0.00491061                 |
| 108-A                    | (12-6-52)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | 3 Ac. in NW corner of SW/4 NW/4 Sec. 24-29N-13W   | 3.00                | 0.00012591                 |
| 109                      | (10-3-56)                             | BHP Petroleum (Americas) Inc.                                 | BHP Petroleum (Americas) Inc.                                 | 100.00         | NW/4 NE/4 Except 1/2 Ac. Extreme SE Corner, Sec. 24-29N-13W   | 39.50               | 0.00165786                 |
| 110                      | (9-8-48)                              | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | E/2 NE/4 Except East 5 Ac. of SE/4 NE/4 Sec. 24-29N-13W   | 75.00               | 0.00314783                 |
| 111                      | (12-3-47)                             | Meridian Oil Production Inc.                                  | Meridian Oil Production Inc.                                  | 100.00         | 1/2 Ac. South of Public Rd. in SE Corner NW/4 NE/4 Sec. 24-29N-13W  | .50                 | 0.00002099                 |
| 112                      | (5-15-47)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | S/2 S/2 Sec. 24, N/2 N/2 Sec. 25-29N-13W, NW/4 NE/4, SE/4 NW/4, S/2 NE/4, Lot 1, NE/4 NW/4 Sec. 30; Lot 4 Sec. 19-29N-12W | 598.93              | 0.02513773                 |

\*Acreage description is from surface to base of Basin Fruitland Coal formation.



| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>   | <u>Working Interest Ownership in Tract</u>                    | <u>Tract Description (*)</u>  | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|---|---|---|---------------------|----------------------------|
|                          |                                       |   | <u>Owner</u>  |   |                     |                            |
|                          |                                       |   | <u>Percent</u>  |   |                     |                            |
| 113                      | (2-24-47)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | SW/4 NE/4 Sec. 25-29N-13W;  | 40.00               | 0.00167884                 |
| 114                      | (2-11-47)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | SE/4 NE/4 Sec. 25-29N-13W;<br>Lot 2; Lot 3, NE/4 SW/4<br>Sec. 30-29N-12W                            | 159.12              | 0.00667844                 |
| 115                      | (1-9-56)                              | BHP Petroleum (Americas) Inc.                                 | BHP Petroleum (Americas) Inc.                                 | Lot 2, SE/4NW/4, NE/4 SW/4<br>Sec. 18-29N-12W   | 119.37              | 0.00501009                 |
| 116                      | (1-9-56)                              | BHP Petroleum (Americas) Inc.                                 | BHP Petroleum (Americas)                                      | W/2 SE/4 Sec. 18-29N-12W  | 80.00               | 0.00335768                 |
| 117                      | (8-17-48)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | SE/4 SE/4 Sec. 19, W/2 SW/4<br>SW/4 Sec. 20-29N-12W   | 60.00               | 0.00251826                 |
| 118                      | (5-8-47)<br>(8-1-46)                  | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | E.60 Ac. of E/2 SW/4<br>Sec. 19-29N-12W   | 60.00               | 0.00251826                 |
| 119                      | (9-17-47)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | W 20 ac. E/2 SW/4<br>Sec. 19-29N-12W  | 20.00               | 0.00083942                 |
| 120                      | (2-8-47)                              | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | Lots 1 & 2, W/23.46 Ac.<br>of NW/4 SW/4 Sec. 19-29N-12W;<br>E/5 Ac. of SE/4 NE/4<br>Sec. 24-29N-13W | 107.31              | 0.00450391                 |

\*Acreage description is from surface to base of Basin Fruitland Coal formation.

| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>   | <u>Working Interest Ownership in Tract Owner</u>              | <u>Percent</u> | <u>Tract Description (*)</u>                      | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|---|---|----------------|---|---------------------|----------------------------|
| 121                      | (9-17-47)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | East 15.99 Ac. of NW/4 SW/4<br>Sec. 19-29N-12W    | 15.99               | 0.00067112                 |
| 122                      | (2-12-51)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | W/2 SE/4, SW/4 NE/4<br>Sec. 19-29N-12W            | 120.00              | 0.00503653                 |
| 123                      | (2-11-47)                             | Amoco Production<br>Meridian Oil Production Inc.              | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | SE/4 SE/4, W/2 SE/4,<br>SE/4 SW/4 Sec. 30-29N-12W | 160.00              | 0.00671537                 |
| 124                      | (10-13-52)                            | Amoco Production<br>Meridian Oil Production Inc.              | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | NE/4 NW/4 Sec. 32-29N-12W                         | 40.00               | 0.00167884                 |
| 125                      | (8-17-48)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | SW/4SE/4 Sec.20-29N-12W                           | 40.00               | 0.00167884                 |
| 126                      | (1-31-47)                             | BHP Petroleum (Americas) Inc.                                 | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | SE/4 SW/4 Sec.<br>20-29N-12W                      | 40.00               | 0.00167884                 |
| 127                      | (8-17-48)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | E/2 SW/4 SW/4<br>Sec.20-29N-12W                   | 20.00               | 0.00083942                 |
| 139                      | (7-18-58)                             | BHP Petroleum (Americas) Inc.                                 | BHP Petroleum (Americas) Inc.                                 | 100.00         | SE/4SW/4 Sec. 22-29N-12W                          | 40.00               | 0.00167884                 |

\*Acreage description is from surface to base of Basin Fruitland Coal formation.

| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>   | <u>Working Interest Ownership in Tract Owner</u>              | <u>Percent</u> | <u>Tract Description (*)</u>           | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|---|---|----------------|--|---------------------|----------------------------|
| 140                      | (4-15-58)                             | BHP Petroleum (Americas) Inc.                                 | BHP Petroleum (Americas) Inc.                                 | 100.00         | SW/4SW/4 Sec. 22-29N-12W               | 40.00               | 0.00167884                 |
| 142                      | (1-31-47)                             | Meridian Oil Production Inc.<br>BHP Petroleum (Americas) Inc. | Meridian Oil Production Inc.<br>BHP Petroleum (Americas) Inc. | 50.00<br>50.00 | SW/4 NW/4, W/2 SW/4<br>Sec. 35-29N-12W | 120.00              | 0.00503653                 |
| 145                      | (3-12-47)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | E/2 NW/4<br>Sec. 35-29N-12W            | 80.00               | 0.00335768                 |
| 146                      | (1-31-47)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | E/2 SW/4<br>Sec. 35-29N-12W            | 80.00               | 0.00335768                 |
| 155                      | (Not Leased)                          | Patricia Kavestrand   | Patricia Kavestrand   | 100.00         | W/249' SW/4NW/4<br>Sec. 13-29N-13W     | 8.00                | 0.00033577                 |
| 164                      | (3-10-51)                             | Louise Locke  | Louise Locke  | 100.00         | Lots 3 & 4,<br>S/2 NW/4 Sec. 5-27N-12W | (159.94)            | 0.00000000                 |

\*Acreage description is from surface to base of Basin Fruitland Coal formation.

SCHEDULE OF OWNERSHIP  
 GALLEGOS CANYON UNIT  
 R E C A P I T U L A T I O N

INITIAL BASIN FRUITLAND COAL PARTICIPATING AREA  
 AS OF MAY 1, 1995

| <u>Lands</u>         | <u>Total Acreage</u> | <u>Committed Acreage</u> | <u>Participation Percent</u> |
|----------------------|----------------------|--------------------------|------------------------------|
| Total Federal Lands  | 17,184.14            | 17,184.14                | 72.1237                      |
| Total Indian Lands   | 1,752.50             | 1,752.50                 | 7.3554                       |
| Total State Lands    | 2,026.08             | 2,026.08                 | 8.5037                       |
| Total Patented Lands | <u>3,275.66</u>      | <u>2,863.22</u>          | <u>12.0172</u>               |
| <b>TOTAL</b>         | <b>24,238.38</b>     | <b>23,825.94</b>         | <b>100.0000</b>              |

NOTE: Acreage in parenthesis ( ) is not committed to the Unit.

\*Acreage is from surface to the base of the Basin Fruitland Coal formation.



September 29, 1995

AMERICAS DIVISION  
SEP 29 1995

Department of Interior  
Bureau of Land Management  
P.O. Box 1449  
Santa Fe, NM 87504

Department of Interior  
Bureau of Land Management  
Office of District Engineering  
1235 La Plata Highway  
Farmington, NM 87401

195 00 11 AM 8 52

Americas Division  
**BHP Petroleum**

New Mexico State Land Office  
Oil & Gas Development  
P.O. Box 1148  
Santa Fe, NM 87504-1148

State of New Mexico  
Oil Conservation Commission  
P.O. Box 2088  
Santa Fe, NM 87504

**RE: APPLICATION FOR INITIAL BASIN  
FRUITLAND COAL PARTICIPATING AREA  
GALLEGOS CANYON UNIT (I-Sec. No. 844)  
SAN JUAN COUNTY, NEW MEXICO**

Gentlemen:

BHP submitted for approval an application for the Initial Fruitland Coal Participating Area by letter dated August 15, 1995. Within the letter, BHP requested certain acreage be brought into the PA. Although the Exhibit "B" and maps attached to the application listed the correct acreage to be brought into the PA, my cover letter inadvertently only listed a portion of the acreage. Please exchange the attached letter which shows the correct acreage for the letter initially sent to you that was incorrect. All the other information on the application is correct.

I apologize for the mistake and should you need any additional information to make your decision, please do not hesitate to contact us.

Very truly yours,

**BHP PETROLEUM (AMERICAS) INC.**

Dwight Pickle  
Senior Landman

DPP/dpp

August 17, 1995



1995 AUG 17 10 53 AM  
115 02

Department of Interior  
Bureau of Land Management  
P.O. Box 1449  
Santa Fe, NM 87504

Department of Interior  
Bureau of Land Management  
Office of District Engineering  
1235 La Plata Highway  
Farmington, NM 87401

Americas Division  
**BHP Petroleum**

New Mexico State Land Office  
Oil & Gas Development  
P.O. Box 1148  
Santa Fe, NM 87504-1148

State of New Mexico  
Oil Conservation Commission  
P.O. Box 2088  
Santa Fe, NM 87504

**RE: UPDATED EXHIBIT "B'S TO THE  
UNIT AGREEMENT FOR THE  
GALLEGOS CANYON UNIT (I-Sec. No. 844)  
SAN JUAN COUNTY, NEW MEXICO**

Ladies and Gentlemen:

BHP Petroleum (Americas) Inc., as Unit Sub-Operator, on behalf of itself and Amoco Production Company, as Unit Operator, in accordance with your August 9, 1995 letter approving the new updated Exhibit "B" for the entire Gallegos Canyon Unit, does hereby submit for your approval the enclosed updated Exhibit "B"s covering various Participating Areas within the Gallegos Canyon Unit in San Juan County, New Mexico.

BHP hereby submits the following updated Exhibit "B"s:

1. Initial Farmington Participating Area "A"
2. Third Enlargement Fruitland Participating Area "A"
3. First Enlargement Fruitland Participating Area "B"
4. Fifth Enlargement Fruitland Participating Area "C"
5. First Enlargement Fruitland Participating Area "E"

Because the BLM has resurveyed several Federal Tracts within the Gallegos Canyon Unit resulting in a change in the acreage totals for several Tracts, we have revised our revenue division of interest for the First Enlargement Fruitland PA "B" and the First Enlargement Fruitland PA "E". As a result, the MMS will see a reduction in the United States net revenue interest for both of these PAs. The First Enlargement Fruitland PA "B" will have its net revenue interest reduced from **6.250%** to **6.18308%** and the First Enlargement Fruitland PA "E" will have its net revenue interest reduced from **1.5625%** to **1.544698%**. The new net revenue interests for both PAs will be effective May 1, 1995. Please notify the appropriate parties within the MMS of the change in ownership.

If you have any questions, please call the undersigned at (713)961-8437.

Very truly yours,

**BHP PETROLEUM (AMERICAS) INC.**

Dwight Pickle  
Senior Landman

cc: Ms. Julie Jenkins  
Amoco Production Company  
P.O. Box 800  
Denver, CO 80201

Randy Stanger - BHP Revenue Accounting

EXHIBIT "B"

INITIAL BASIN FRUITLAND COAL PARTICIPATING AREA  
GALLEGOS CANYON UNIT, SAN JUAN COUNTY, NEW MEXICO  
PRIOR TO  
MAY 1, 1995

| <u>Unit<br/>Tract<br/>Number</u> | <u>Serial No.<br/>&amp; Date of<br/>Lease</u> | <u>Record Owner</u>          | <u>Working Interest Owner in Tract<br/>Owner</u>  | <u>Percent</u>                            | <u>Tract<br/>Description (*)</u>                            | <u>No. of<br/>Acres</u> | <u>Tract<br/>Participation</u> |
|----------------------------------|---|------------------------------|---|---|---|-------------------------|--------------------------------|
| 1                                | NM-014376<br>(11-1-54)                        | Amoco Production Company     | BHP Petroleum (Americas) Inc.   | 100.00                                    | N/2 S/2 Sec.<br>24-29N-13W                                  | 160.00                  | 0.00422648                     |
| 2                                | SF-047019-B<br>(3-6-36)                       | Meridian Oil Production Inc. | Meridian Oil Production Inc.  | 100.00                                    | Lot 1 Sec. 7; SE/4 NE/4,<br>SW/4 SE/4, Sec. 18-28N-11W      | 106.90                  | 0.00282382                     |
| 3                                | NM-03654<br>(2-1-51)                          | Amoco Production Company     | BHP Petroleum (Americas) Inc.   | 100.00                                    | Lot 3 Sec.18-29N-12W  | 39.43                   | 0.00104156                     |
| 4                                | NM-03654<br>(2-1-51)                          | Amoco Production Company     | BHP Petroleum (Americas) Inc.   | 100.00                                    | S/2SW/4, SW/4SE/4,<br>Sec. 23; NE/4 NE/4<br>Sec. 26-29N-13W | 160.00                  | 0.00422648                     |
| 5                                | NM-06237<br>(10-1-52)                         | Ernest A. Hanson             | E.H Weig, Trustee of the<br>Weig Family Trust<br>Arley P. Geniusz Trust<br>Norbert Geniusz Trust<br>Joanne Kruger<br>Linda Bulk | 25.00<br>25.00<br>25.00<br>12.50<br>12.50 | Lots 1,2,5,6 Sec. 21<br>29N;12W                             | 160.00                  | 0.00422648                     |
| 6                                | SF-077966<br>(2-1-48)                         | Southland Royalty Company    | Southland Royalty Company   | 100.00                                    | Sec. 24; SE/4<br>Sec. 14-28N-13W                            | 800.00                  | 0.02113239                     |

FEDERAL LANDS



| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>            | <u>Working Interest Ownership in Tract Owner</u>         | <u>Percent</u> | <u>Tract Description (*)</u>   | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|--------------------------------|--|----------------|--|---------------------|----------------------------|
| 7                        | SF-077967<br>(2-1-48)                 | Meridian Oil Production Inc.   | Meridian Oil Production Inc.                             | 100.00         | E/2 Sec. 36-28N-13W  | 320.00              | 0.00845296                 |
| 8                        | NM-0338690<br>(2-1-48)                | Fast Enterprises               | Slyvia Little Trust                                      | 100.00         | Lot 1, 2, S/2 SE/4 Sec.11-28N-13W  | (137.78)            | 0.00000000                 |
| 9                        | SF-078106<br>(12-1-47)                | Meridian Minerals Co.          | BHP Petroleum (Americas)<br>Dugan Production Corporation | 87.39<br>12.61 | Sec.s 15; 17; 18; Lots 1, 2, E/2 NW/4 Sec.19; NW/4, SE/4 Sec. 21; NW/4 Sec 22-28N-12W  | 2,536.94            | 0.06701451                 |
| 10                       | SF-078109<br>(2-1-48)                 | Sun Operating Ltd. Partnership | BHP Petroleum (Americas) Inc.                            | 100.00         | Lots 1-5, SE/4 SW/4, S/2 SE/4 Sec. 7; Lots 1-4, S/2 S/2 Sec. 8; Lots 3, 4, S/2 SW/4 Sec. 9; Lots 1-4, S/2 S/2 Sec. 10; Lots 3,4 Sec. 11-28N-12W; NW/4,N/2SW/4, SE/4 Sec. 21; S/2SW/4, W/2SE/4 Sec. 26; S/2 NE/4 Sec. 27; NE/4NE/4 Sec. 28; ALL Sec. 31; SE/4 Sec. 33 and S/2SW/4 Sec. 34-29N-12W | 2561.19             | 0.06765508                 |
| 11                       | SF-078209<br>(10-1-49)                | Amoco Production Company       | BHP Petroleum (Americas) Inc.                            | 100.00         | NW/4SW/4 Sec. 28, NW/WSW/4 Sec. 34, NW/4NW/4 Sec. 35-29N-12W   | 120.00              | 0.00316986                 |
| 11-A                     | SF-078209-B<br>(10-1-49)              | Meridian Oil Production Inc.   | Meridian Oil Production Inc.                             | 100.00         | SW/4SE/4, SE/4SW/4 Sec. 28, S/2NE/4 Sec. 33-29N-12W  | 160.00              | 0.00422648                 |
| 11-B                     | SF-078209<br>(10-1-49)                | Meridian Oil Production Inc.   | Meridian Oil Production Inc.                             | 100.00         | NE/4 NE/4, NE/4 SE/4 and Lot 4 Sec. 30-29N-12W   | 119.68              | 0.00316141                 |

\*Acreage description is from surface to base of Basin Fruitland Coal formation.

| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>   | <u>Working Interest Ownership in Tract Owner</u>   | <u>Percent</u>  | <u>Tract Description (*)</u>   | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|---|--|---|--|---------------------|----------------------------|
| 12                       | SF-078303<br>(12-1-47)                | Amoco Production Company  | BHP Petroleum (Americas) Inc.  | 100.00  | E/2SE/4, SE/4NE/4 Sec. 18-29N-12W  | 120.00              | 0.00316986                 |
| 13                       | SF-078370<br>(12-1-47)                | Amoco Production Company  | BHP Petroleum (Americas) Inc.  | 100.00  | NE/4, E/2NW/4 SC. 17;<br>N/2N/2, SW/4NE/4 Sec. 18-29N-12W                                | 439.32              | 0.01160485                 |
| 14                       | NM-03401<br>(2-1-47)                  | Amoco Production Company  | BHP Petroleum (Americas) Inc.  | 100.00  | W/2NW/4 Sec. 17-29N-12W  | 80.00               | 0.00211324                 |
| 15                       | SF-078780<br>(3-1-51)                 | John J. Redfern, Jr.-33,333<br>J. H. Herd -16.667<br>John J. Christmann-25.000<br>Jack Markham-25.000 | Christmann Mineral Company<br>Rosalind Redfern<br>J.H. Herd<br>Roderick Markham<br>Petroleum Synergy Group<br>Mannon M. McMullen | 25.000<br>25.000<br>16.667<br>12.500<br>8.333<br>12.500 | E/2 SE/4<br>Sec. 18, SE/4 SE/4<br>Sec. 7-28N-11W   | 120.00              | 0.00316986                 |
| 15                       | SF-078780<br>(3-1-51)                 | John J. Redfern, Jr.-33,333<br>J. H. Herd -16.667<br>John J. Christmann-25.000<br>Jack Markham-25.000 | Christmann Mineral Company<br>Rosalind Redfern<br>J.H. Herd<br>Petroleum Synergy Group<br>Jack Markham                           | 25.000<br>25.000<br>16.667<br>8.333<br>25.000           | NE/4 NE/4<br>Sec. 18-28N-11W   | 40.00               | 0.00105662                 |
| 16                       | SF-078807-A<br>(4-1-48)               | Amoco Production Company<br>Meridian Oil Production Inc.  | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production   | 50.00<br>50.00  | Lots 1, 2, 3, 4 and S/2 S/2<br>Sec. 12; Sec. 13; NE/4<br>Sec. 14-28N-13W                 | 1075.40             | 0.028840721                |
| 17                       | SF-078828<br>(8-1-49)                 | Amoco Production Company<br>Meridian Oil Production Inc.  | BHP Petroleum (Americas)<br>Meridian Oil Production Inc.   | 50.00<br>50.00  | NE/4 NE/4, SW/4 NE/4 Sec. 14;<br>NE/4 Sec. 22; W/2 NW/4<br>Sec. 23; SE/4 Sec. 29-28N-12W | 480.00              | 0.01267943                 |
| 17-A                     | SF-078828-A<br>(8-1-49)               | Amoco Production Company<br>Meridian Oil Production Inc.  | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.  | 50.00<br>50.00  | S/2 SW/4 Sec. 11; SW/4 Sec. 14;<br>Sec. 27; Sec. 28; NE/4<br>Sec. 29-28N-12W             | 1680.00             | 0.04437802                 |

\*Acreage description is from surface to base of Basin Fruitland Coal formation.

| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>                                      | <u>Working Interest Ownership in Tract Owner</u>              | <u>Percent</u> | <u>Tract Description (*)</u>  | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|--|---|----------------|---|---------------------|----------------------------|
| 17-A                     | SF-078828-A<br>(8-1-49)               | Amoco Production Company<br>Meridian Oil Production Inc. | Amoco Production Company<br>Meridian Oil Production Inc.      | 50.00<br>50.00 | S/2 SE/4 Sec. 11-28N-12W  | 80.00               | 0.00211324                 |
| 18                       | SF-078903-A<br>(2-1-48)               | McArthur Foundation<br>Meridian Oil Production Inc.      | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | Sec. 34-28N-12W   | 640.00              | 0.01690591                 |
| 18-A                     | SF-078903<br>(2-1-48)                 | Meridian Oil Production Inc.                             | Meridian Oil Production Inc.                                  | 100.00         | Sec. 35; Sec. 36-28N-12W  | 1280.00             | 0.03381182                 |
| 18-B                     | SF-078903-B<br>(2-1-48)               | Amoco Production Company                                 | BHP Petroleum (Americas) Inc.                                 | 100.00         | Sec. 33-28N-12W   | 640.00              | 0.01690591                 |
| 19                       | SF-078904<br>(2-1-48)                 | Amoco Production Company<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | E/2, SW/4,<br>E/2 NW/4 Sec. 23;<br>Sec. 24; Sec. 26-28N-12W   | 1840.00             | 0.04860450                 |
| 19-A                     | SF-078904-A<br>(2-1-48)               | Amoco Production Company                                 | BHP Petroleum (Americas) Inc.                                 | 100.00         | Sec. 25-28N-12W   | 640.00              | 0.01690591                 |
| 20                       | SF-078905<br>(7-1-48)                 | Amoco Production Company<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | SW/4 SW/4 Sec. 12; W/2 NW/4,<br>SW/4, Sec 13; NW/4, NW/4<br>NE/4, SE/4 NE/4, SE/4 Sec. 14;<br>S/2 Sec. 22; Lots 3, 4, E/2 SW/4<br>Sec. 31-28N-12W | 1152.00             | 0.03043064                 |
| 20                       | SF-078905<br>(7-1-48)                 | Amoco Production Company<br>Meridian Oil Production Inc. | Amoco Production Company<br>Meridian Oil Production Inc.      | 50.00<br>50.00 | Lots 1, 2 Sec. 11-28W-12W   | 55.18               | 0.00145761                 |
| 21                       | SF-078926<br>(5-1-48)                 | Amoco Production Company<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | S/2 NW/4, S/2 Sec. 25;<br>W/2 NE/4, SE/4 NE/4 Sec. 26;<br>Sec. 35-29N-13W   | 1160.00             | 0.03064197                 |
| 21-A                     | SF-078926-A<br>(5-1-48)               | Amoco Production Company                                 | BHP Petroleum (Americas) Inc.                                 | 100.00         | S/2, NW/4 Sec. 26-29N-13W   | 480.00              | 0.01267943                 |

\*Acreage description is from surface to base of Basin Fruitland Coal formation.

| Unit Tract Number | Serial No. & Date of Lease | Record Owner   | Working Interest Ownership in Tract  |                                  | Tract Description (*)   | No. of Acres | Tract Participation |
|-------------------|----------------------------|--|--|----------------------------------|---|--------------|---------------------|
|                   |                            |  | Owner  | Percent                          |   |              |                     |
| 22                | SF-078949 (2-1-48)         | Earl Hanson - 45.00<br>Paul Slayton 45.00<br>MMH Trust - 10.00 | Arley P. Geniusz and Norbert Geniusz, Trustees of the Arley P. Geniusz Trust<br>E.H. Weig, Trustee of the Weig Family Trust<br>Paul Slayton<br>Margaret M. Hodges, Trustee of the MMH Trust                      | 22.50<br>22.50<br>45.00<br>10.00 | Lot 4, SE/4 SW/4 Sec. 18;<br>E/2 NW/4, NW/4 NE/4<br>Sec. 19-29N-12W | 199.48       | 0.00526936          |
| 24                | SF-079244 (5-1-48)         | Amoco Production Company<br>Meridian Oil Production Inc.       | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.  | 50.00<br>50.00                   | NW/4 Sec. 20-28N-12W  | 160.00       | 0.00422648          |
| 24-A              | SF-079244-A (5-1-48)       | Amoco Production Company<br>Meridian Oil Production Inc.       | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.  | 50.00<br>50.00                   | NE/4 Sec. 19-28N-12W  | 160.00       | 0.00422648          |
| 25                | SF-079346 (5-1-49)         | Amoco Production Company<br>Meridian Oil Production Inc.       | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.  | 50.00<br>50.00                   | SE/4 Sec. 32-28N-12W  | 160.00       | 0.00422648          |
| 25-A              | SF-078902 (2-1-48)         | Meridian Oil Production Inc.                                   | Meridian Oil Production Inc.   | 100.00                           | Sec. 4 ; Lots 1 & 2, S/2 NE/4<br>Sec. 5-27N-12W                     | 800.62       | 0.02114877          |
| 25-B              | SF-079346-A (5-1-49)       | Amoco Production Company<br>Meridian Oil Production Inc.       | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.  | 50.00<br>50.00                   | N/2, SW/4 Sec. 32-28N-12W   | 480.00       | 0.01267943          |
| 26                | SF-079907 (9-1-48)         | Amoco Production Company                                       | BHP Petroleum (Americas) Inc.  | 100.00                           | NW/4NW/4 Sec. 26; N/2 NE/4<br>Sec. 27-29N-12W                       | 120.00       | 0.00316986          |
| 27                | SF-080224 (3-1-51)         | Estate of Earnest A. Hanson                                    | Arley P. Geniusz and Norbert Geniusz, Trustees of the Arley P. Geniusz Trust<br>Arley P. Geniusz and Norbert J. Geniusz, Trustees of the Norbert J. Geniusz Trust<br>E.H. Weig, Trustee of the Weig Family Trust | 50.00<br>25.00<br>25.00          | N/2SE/4 Sec. 27-29N-12W   | 80.00        | 0.00211324          |

\*Acreage description is from surface to base of Basin Fruitland Coal formation.

| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>  | <u>Working Interest Ownership in Tract Owner</u>   | <u>Percent</u>  | <u>Tract Description (*)</u>                                      | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|--|--|---|---|---------------------|----------------------------|
| 28                       | SF-080239<br>(9-1-49)                 | Meridian Oil Production  | Meridian Oil Production  | 100.00  | N/2 SE/4, SE/4 SE/4 Sec. 23-29N-13W                               | 120.00              | 0.00316986                 |
| 29                       | SF-080491<br>(6-1-53)                 | Amoco Production Company   | BHP Petroleum (Americas) Inc.  | 100.00  | SE/4 Sec. 17-29N-12W  | 160.00              | 0.00422648                 |
| 30                       | SF-080600<br>(6-1-53)                 | Amoco Production Company   | BHP Petroleum (Americas) Inc.  | 100.00  | SW/4 Sec. 17-29N-12W  | 160.00              | 0.00422648                 |
| 31                       | SF-080614<br>(5-1-52)                 | Amoco Production Company<br>Meridian Oil Production                            | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.  | 50.00<br>50.00  | E/2SE/4, NE/4NW/4, NE/4<br>Sec. 13-29N-13W                        | 280.00              | 0.00739634                 |
| 32                       | SF-080647<br>(3-1-48)                 | First Nat. Bank of Amarillo,<br>Texas, Trustee, Nicole Huve<br>Revocable Trust | BHP Petroleum (Americas) Inc.  | 100.00  | N/2S/2 Sec. 22-29N-12W  | 160.00              | 0.00422648                 |
| 33                       | SF-080647<br>(3-1-48)                 | First Nat. Bank of Amarillo<br>Texas, Trustee, Nicole Huve<br>Revocable Trust  | BHP Petroleum (Americas) Inc.  | 100.00  | NW/4 Sec. 22-29N-12W  | 160.00              | 0.00422648                 |
| 34                       | SF-080723<br>(1-1-50)                 | Amoco Production Company   | Donald S. Fulsaaas<br>Marilyn A. Fulsaaas<br>Richard M. Fulsaaas<br>Donald S. Fulsaaas, Exec.<br>of the Estate of Russell Fulsaaas<br>Johnson Family Royalty<br>Dorothy E. Mengotto<br>The Johnson Trust | 7.50<br>7.50<br>7.50<br>7.50<br>25.00<br>22.50<br>22.50 | E/2NE/4, NE/4SE/4 Sec. 19;<br>N/2S/2, SE/4SE/4<br>Sec. 20-29N-12W | 320.00              | 0.00845296                 |

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| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>   | <u>Working Interest Ownership in Tract Owner</u>   | <u>Percent</u>                                | <u>Tract Description (*)</u>                        | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|---|--|---|---|---------------------|----------------------------|
| 34-A                     | NM-03526<br>(1-1-50)                  | Amoco Production Company  | BHP Petroleum (Americas) Inc.  | 100.00  | S/2SW/4 Sec. 21, NE/4NW/4, NW/4NE/4 Sec. 28-29N-12W | 160.00              | 0.00422648                 |
| 34-B                     | SF-080723<br>(1-1-50)                 | Amoco Production Company  | BHP Petroleum (Americas) Inc.  | 100.00  | N/2 Sec. 20-29N-12W                                 | 320.00              | 0.00845296                 |
| 35                       | SF-080844-A                           | Amoco Production Company  | BHP Petroleum (Americas) Inc.  | 100.00  | Lots 1-4, E/2W/2, E/2 (All) Sec. 19-28N-11W         | 635.84              | 0.01679602                 |
| 35-A                     | SF-080844<br>(10-1-51)                | Amoco Production Company  | Meridian Oil Production Inc.   | 100.00  | Lots 3,4, E/2 SW/4, SE/4 Sec. 31-28N-11W            | 317.39              | 0.00838401                 |
| 36                       | SF-080962<br>(7-1-50)                 | Elma R. Jones   | Maryann Klinger Trust  | 100.00  | NE/4SE/4, NE/4SW/4 Sec. 29-29N-12W                  | 80.00               | 0.00211324                 |
| 48                       | NM-020497<br>(12-1-55)                | John J. Redfern, Jr. - 33.333<br>J.H. Herd - 16.667<br>John J. Christmann - 25.000<br>Jack Markham - 25.000 | Rosalind Redfern<br>Petroleum Synergy Group<br>J.H. Herd<br>Christmann Mineral Co.<br>Jack Markham | 25.000<br>8.333<br>16.667<br>25.000<br>25.000 | Lots 3, Sec. 7-28N-11W                              | 27.55               | 0.00072775                 |
| 159                      | SF-078902-A<br>(2-1-48)               | MacArthur Foundation<br>Meridian Oil Production Inc.  | Meridian Oil Production Inc.<br>BHP Petroleum (Americas) Inc.                                      | 50.00<br>50.00                                | N/2 Sec. 9-27N-12W                                  | 320.00              | 0.00845296                 |
| 160                      | SF-080111<br>(4-1-48)                 | Meridian Oil Production Inc.  | Meridian Oil Production Inc.<br>BHP Petroleum (Americas) Inc.                                      | 50.00<br>50.00                                | Lots 3, 4, 5, SE/4 NW/4 Sec. 6-27N-12W              | 152.04              | 0.00401621                 |

\*Acreage description is from surface to base of Basin Fruitland Coal formation.

| Unit<br>Tract<br>Number | Serial No.<br>& Date of<br>Lease               | Record Owner   | Working Interest Ownership in Tract<br>Owner                  | Percent        | Tract<br>Description (*)   | No. of<br>Acres | Tract<br>Participation |
|-------------------------|--|--|---|----------------|--|-----------------|------------------------|
| 37                      | I-149-<br>Ind-8474<br>(5-29-50)                | Wood Oil Co.   | Wood Oil Company  | 100.00         | Lots 1 & 2, S/2 SE/4 Sec. 9;<br>N/2 Sec. 16-28N-12W                | 456.24          | 0.01205180             |
| 38                      | I-149-<br>Ind-8475<br>(5-27-50)                | Texaco Exploration and Production                        | Texaco Exploration and Production                             | 100.00         | S/2 Sec. 16; NE/4, SW/4<br>Sec. 21-28N-12W                         | 640.00          | 0.01690591             |
| 39                      | I-149-<br>Ind-8476<br>(5-27-50)                | Texaco Exploration and Production                        | Texaco Exploration and Production                             | 100.00         | S/2 Sec. 19; S/2, NE/4<br>Sec. 20-28N-12W                          | 792.62          | 0.02093744             |
| 40                      | I-149-<br>Ind-8477<br>(5-27-50)                | Texaco Exploration and Production                        | Texaco Exploration and Production                             | 100.00         | W/2 Sec. 29-28N-12W  | 320.00          | 0.00845296             |
| 41                      | I-149-<br>Ind-8478<br>(5-27-50)                | Texaco Exploration and Production                        | Texaco Exploration and Production                             | 100.00         | N/2, SE/4<br>Sec. 31-28N-12W                                       | 472.00          | 0.01246811             |
| 42                      | I-149-<br>Ind-8470<br>(6-9-50)                 | Southland Royalty Company                                | Southland Royalty Company                                     | 100.00         | Sec. 30-28N-12W  | 624.60          | 0.01649911             |
| 43                      | I-149-<br>Ind-8471<br>(6-9-50)                 | Amoco Production Company<br>Meridian Oil Production Inc. | Meridian Oil Production Inc.                                  | 100.00         | E/2 Sec. 25-28N-13W  | 320.00          | 0.00845296             |
| 45                      | I-149-<br>Ind-8486<br>(5-29-50)                | Amoco Production Company<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | SE/4 NE/4 Sec. 32; NE/4 NW/4,<br>S/2 NW/4, SW/4<br>Sec. 33-29N-12W | 320.00          | 0.00845296             |
| 162                     | Ind. Pat.<br>Allotment No. 059312<br>(5-27-50) | Texaco Exploration and Production                        | Texaco Exploration and Production                             | 100.00         | Lots 1,2, S/2 NE/4 Sec. 6-27N-12W                                  | 159.88          | 0.00422331             |

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| <u>Unit Tract Number</u>   | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>                                      | <u>Working Interest Ownership in Tract Owner</u>              | <u>Percent</u> | <u>Tract Description (*)</u>  | <u>No. of Acres</u> | <u>Tract Participation</u> |
|----------------------------|---------------------------------------|--|---|----------------|---|---------------------|----------------------------|
| <b><u>STATE LEASES</u></b> |                                       |  |   |                |   |                     |                            |
| 46                         | E-2447<br>(2-10-49)                   | Texaco Exploration and Production                        | Meridian Oil Production Inc.                                  | 100.00         | Lot 2 Sec. 7-28N-11W  | 27.53               | 0.00072722                 |
| 46                         | E-2447<br>(2-10-49)                   | Texaco Exploration and Production                        | BHP Petroleum (Americas) Inc.                                 | 100.00         | E/2 NW/4, Lot 3, SE/4 SW/4, NW/4 SE/4 Sec. 18-28N-11W; SE/4 NW/4, NW/4 SE/4, S/2SE/4, Sec. 13-29N-12W         | 358.93              | 0.00948131                 |
| 46                         | E-2447<br>(2-10-49)                   | Texaco Exploration and Production                        | Texaco Exploration and Production                             | 100.00         | Lots 1, 2, 3, S/2 SE/4 Sec. 12-28N-12W; NE/4 SW/4 Sec. 16; NE/4SW/4, SW/4 SE/4, NE/4 NW/4 Sec. 36-29N-12W     | 322.80              | 0.00852692                 |
| 46-A                       | E-2447<br>(2-10-49)                   | Amoco Production Company<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | SW/4 NE/4, NE/4 SW/4<br>Sec. 32-29N-12W; NW/4 NE/4<br>Sec. 36-29N-13W   | 120.00              | 0.00316986                 |
| 47                         | B-10870<br>(12-10-53)                 | Sun Operating Limited Partnership                        | BHP Petroleum (Americas) Inc.                                 | 100.00         | Lots 4, 5, Sec. 7; NW/4 NE/4,<br>Lots 1, 2 Sec. 18-28N-11W;<br>SE/4 SW/4 Sec. 16; NW/4SW/4<br>Sec. 36-29N-12W | 263.24              | 0.00695361                 |
| 49                         | OG-1045<br>(7-16-57)                  | Amoco Production Company                                 | BHP Petroleum (Americas) Inc.                                 | 100.00         | SE/4 SW/4 Sec. 7-28N-11W  | 40.00               | 0.00105662                 |
| 50                         | OG-1045<br>(7-16-57)                  | Amoco Production Company                                 | Amoco Production Company                                      | 100.00         | SW/4 SE/4 Sec. 7-28N-11W  | 40.00               | 0.00105662                 |
| 51                         | E-397-2<br>(6-11-50)                  | Southland Royalty Company                                | Southland Royalty Company                                     | 100.00         | SW/4 NE/4 Sec. 18-28N-11W   | 40.00               | 0.00105662                 |

\*Acreage description is from surface to base of Basin Fruitland Coal formation.



| <b>Unit Tract Number</b> | <b>Serial No. &amp; Date of Lease</b> | <b>Record Owner</b>               | <b>Working Interest Ownership in Tract Owner</b> | <b>Percent</b> | <b>Tract Description (*)</b> | <b>No. of Acres</b> | <b>Tract Participation</b> |
|--------------------------|---------------------------------------|-----------------------------------|--|----------------|------------------------------|---------------------|----------------------------|
| 52                       | OG-1045 (7-16-57)                     | Amoco Production Company          | BHP Petroleum (Americas) Inc.                    | 100.00         | NE4 SW/4 Sec. 18-28N-11W     | 40.00               | 0.00105662                 |
| 53                       | OG-1531 (11-19-57)                    | Amoco Production Company          | BHP Petroleum (Americas) Inc.                    | 100.00         | Lot 4 Sec. 18-28N-11W        | 38.95               | 0.00102888                 |
| 54                       | E-284-15 (4-13-45)                    | Amoco Production Company          | BHP Petroleum (Americas) Inc.                    | 100.00         | Lot 4 Sec. 12-28N-12W        | 27.60               | 0.00072907                 |
| 55                       | E-3151-3 (12-14-54)                   | Amoco Production Company          | BHP Petroleum (Americas) Inc.                    | 100.00         | SE/4 SW/4 Sec. 12-28N-12W    | 40.00               | 0.00105662                 |
| 56                       | E-1065-1 (1-7-51)                     | Texaco Exploration & Production   | Texaco Exploration & Production                  | 100.00         | N/2 NE/4 Sec. 13-28N-12W     | 80.00               | 0.00211324                 |
| 57                       | B-11513-16 (10-2-44)                  | Amoco Production Company          | BHP Petroleum (Americas) Inc.                    | 100.00         | NE/4NW/4 Sec. 13-28N-12W     | 40.00               | 0.00105662                 |
| 58                       | E-3156-2 (12-15-49)                   | Amoco Production Company          | Amoco Production Company                         | 100.00         | S/2 NE/4 Sec. 13-28N-12W     | 80.00               | 0.00211324                 |
| 59                       | B-9145-36 (5-15-41)                   | Amoco Production Company          | Amoco Production Company                         | 100.00         | NE/4 SE/4 Sec. 13-28N-12W    | 40.00               | 0.00105662                 |
| 60                       | E-498-9 (8-10-51)                     | Sun Operating Limited Partnership | BHP Petroleum (Americas) Inc.                    | 100.00         | SW/4SW/4 Sec. 16-29N-12W     | 40.00               | 0.00105662                 |
| 61                       | B-9145-35 (5-15-41)                   | Amoco Production Company          | BHP Petroleum (Americas) Inc.                    | 100.00         | NW/4 SW/4 Sec. 16-29N-12W    | 40.00               | 0.00105662                 |
| 62                       | E-5462 (8-10-51)                      | Sun Operating Limited Partnership | BHP Petroleum (Americas) Inc.                    | 100.00         | NW/4 NW/4 Sec. 32-29N-12W    | 40.00               | 0.00105662                 |
| 63                       | E-5462 (8-10-51)                      | Sun Operating Limited Partnership | BHP Petroleum (Americas) Inc.                    | 100.00         | SW/4 NW/4 Sec. 32-29N-12W    | 40.00               | 0.00105662                 |

\*Acreage description is from surface to base of Basin Fruitland Coal formation.

| Unit<br>Tract<br>Number | Serial No.<br>& Date of<br>Lease | Record Owner   | Working Interest Ownership in Tract                           |                | Tract<br>Description (*)  | No. of<br>Acres | Tract<br>Participation |
|-------------------------|----------------------------------|--|---|----------------|---------------------------|-----------------|------------------------|
|                         |                                  |  | Owner   | Percent        |                           |                 |                        |
| 64                      | B-10405-30<br>(6-24-43)          | Amoco Production Company<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | SE/4 NW/4 Sec. 32-29N-12W | 40.00           | 0.00105662             |
| 65                      | E-5462<br>(8-10-51)              | Sun Operating Limited Partnership                        | BHP Petroleum (Americas) Inc.                                 | 100.00         | NW/4 SW/4 Sec. 32-29N-12W | 40.00           | 0.00105662             |
| 66                      | E-5462<br>(8-10-51)              | Sun Operating Limited Partnership                        | BHP Petroleum (Americas) Inc.                                 | 100.00         | SE/4 SW/4 Sec. 32-29N-12W | 40.00           | 0.00105662             |
| 67                      | B-11318-10<br>(6-26-54)          | Amoco Production Company<br>Total Minatome               | BHP Petroleum (Americas) Inc.<br>Total Minatome               | 56.25<br>43.75 | SW/4 SW/4 Sec. 32-29N-12W | 40.00           | 0.00105662             |
| 68                      | E-5462<br>(8-10-51)              | Sun Operating Limited Partnership                        | BHP Petroleum (Americas) Inc.                                 | 100.00         | NW/4 SE/4 Sec. 32-29N-12W | 40.00           | 0.00105662             |
| 69                      | E-2754-2<br>(7-8-49)             | Amoco Production Company                                 | BHP Petroleum (Americas) Inc.                                 | 100.00         | SW/4 SE/4 Sec. 32-29N-12W | 40.00           | 0.00105662             |
| 70                      | B-10405-62<br>(6-24-43)          | Amoco Production Company                                 | BHP Petroleum (Americas) Inc.                                 | 100.00         | NE/4SE/4 Sec. 32-29N-12W  | 40.00           | 0.00105662             |
| 71                      | B-10405-27<br>(6-24-53)          | Amoco Production Company<br>Total Minatome               | BHP Petroleum (Americas) Inc.<br>Total Minatome               | 56.25<br>43.75 | SE/4 SE/4 Sec. 32-29N-12W | 40.00           | 0.00105662             |
| 72                      | B-10644-26<br>(9-10-43)          | Amoco Production Company                                 | Amoco Production Company                                      | 100.00         | NE/4NE/4 Sec. 36-29N-12W  | 40.00           | 0.00105662             |
| 73                      | B-10644-19<br>(9-10-53)          | Texaco Exploration & Production                          | Texaco Exploration & Production                               | 100.00         | NW/4NE/4 Sec. 36-29N-12W  | 40.00           | 0.00105662             |
| 74                      | B-11303-15<br>(6-10-54)          | Meridian Minerals Company                                | BHP Petroleum (Americas) Inc.                                 | 100.00         | NW/4 NW/4 Sec. 36-29W-12W | 40.00           | 0.00105662             |
| 75                      | E-5462-5<br>(8-10-51)            | Meridian Minerals Company                                | BHP Petroleum (Americas) Inc.                                 | 100.00         | SW/4NW/4 Sec. 36-29N-12W  | 40.00           | 0.00105662             |

\*Acreage description is from surface to base of Basin Fruitland Coal formation.

| <b>Unit Tract Number</b> | <b>Serial No. &amp; Date of Lease</b> | <b>Record Owner</b>   | <b>Working Interest Ownership in Tract</b>  | <b>Tract Description (*)</b> | <b>No. of Acres</b> | <b>Tract Participation</b> |
|--------------------------|---------------------------------------|---|---|------------------------------|---------------------|----------------------------|
| 76                       | B-10644-76<br>(9-10-53)               | Texaco Exploration & Production<br>Williams Production Company  | <b>Owner</b><br>Texaco Exploration & Production<br>Williams Production Company<br><b>Percent</b><br>82.00<br>18.00  | SE/4 NW/4 Sec. 36-29N-12W    | 40.00               | 0.00105662                 |
| 77                       | B-10644-9<br>(9-10-53)                | Meridian Minerals Company   | BHP Petroleum (Americas) Inc.<br>Meridian Minerals Company<br>16.67<br>83.33  | S/2 NE/4 Sec. 36-29W-12W     | (80.00)             | 0.00000000                 |
| 78                       | B-9104-8<br>(4-30-51)                 | Amoco Production Company  | BHP Petroleum (Americas) Inc.<br>100.00   | S/2SW/4 Sec. 36-29N-12W      | 80.00               | 0.00211324                 |
| 78-A                     | B-9104-4<br>(4-30-51)                 | Meridian Oil Production Inc.  | Meridian Oil Production Inc.<br>100.00  | SE/4 NW/4 Sec. 36-29N-13W    | 40.00               | 0.00105662                 |
| 79                       | K-1277<br>(3-21-61)                   | Christmann Mineral Company<br>J.H. Herd<br>Jack Thornton<br>Rod Markham<br>Mannon Markham McMullen<br>Rosalind Redfern<br>Petroleum Synergy Group | Christmann Mineral Company<br>J.H. Herd<br>Jack Thornton<br>Rod Markham<br>Mannon Markham McMullen<br>Rosalind Redfern<br>Petroleum Synergy Group<br>25.000<br>16.334<br>0.333<br>12.500<br>12.500<br>25.000<br>8.333 | NW/4 SE/4 Sec. 36-29N-12W    | (40.00)             | 0.00000000                 |
| 80                       | E-5462-5<br>(8-10-51)                 | Meridian Minerals Company   | BHP Petroleum (Americas) Inc.<br>100.00   | NE/4 SE/4 Sec. 36-29N-12W    | 40.00               | 0.00105662                 |
| 81                       | E-5462-5<br>(8-10-51)                 | Meridian Minerals Company   | BHP Petroleum (Americas) Inc.<br>100.00   | SE/4 SE/4 Sec. 36-29N-12W    | 40.00               | 0.00105662                 |
| 82                       | E-3374-1<br>(3-13-50)                 | Conoco Inc.   | BHP Petroleum (Americas) Inc.<br>100.00   | NE/4 NE/4 Sec. 36-29N-13W    | 40.00               | 0.00105662                 |
| 83                       | E-5462<br>(8-10-51)                   | Sun Operating Limited Partnership   | BHP Petroleum (Americas) Inc.<br>100.00   | NE/4 NW/4 Sec. 36-29N-13W    | 40.00               | 0.00105662                 |
| 84                       | B-11017-8<br>(2-18-54)                | Amoco Production Company<br>Total Minatome  | BHP Petroleum (Americas) Inc.<br>Total Minatome<br>56.25<br>43.75   | W/2 NW/4 Sec. 36-29N-13W     | 80.00               | 0.00211324                 |

\*Acreage description is from surface to base of Basin Fruitland Coal formation.

| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>                                      | <u>Working Interest Ownership in Tract Owner</u>              | <u>Percent</u> | <u>Tract Description (*)</u> | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|--|---|----------------|------------------------------|---------------------|----------------------------|
| 85                       | E-331-9<br>(5-16-50)                  | Amoco Production Company<br>Total Minatome               | BHP Petroleum (Americas) Inc.<br>Total Minatome               | 56.25<br>43.75 | NW/4 SW/4 Sec. 36-29N-13W    | 40.00               | 0.00105662                 |
| 86                       | E-5462<br>(8-10-51)                   | Sun Operating Limited Partnership                        | BHP Petroleum (Americas) Inc.                                 | 100.00         | SE/4 NE/4 Sec. 36-29N-13W    | 40.00               | 0.00105662                 |
| 87                       | E-5462<br>(8-10-51)                   | Sun Operating Limited Partnership                        | BHP Petroleum (Americas) Inc.                                 | 100.00         | SW/4 NE/4 Sec. 36-29N-13W    | 40.00               | 0.00105662                 |
| 88                       | E-5462<br>(8-10-51)                   | Sun Operating Limited Partnership                        | BHP Petroleum (Americas) Inc.                                 | 100.00         | NE/4 SW/4 Sec. 36-29N-13W    | 40.00               | 0.00105662                 |
| 89                       | E-5462<br>(8-10-51)                   | Sun Operating Limited Partnership                        | BHP Petroleum (Americas) Inc.                                 | 100.00         | NW/4 SE/4 Sec. 36-29N-13W    | 40.00               | 0.00105662                 |
| 90                       | B-11017-14<br>(2-18-54)               | Amoco Production Company<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | NE/4 SE/4 Sec. 36-29N-13W    | 40.00               | 0.00105662                 |
| 91                       | B-11017-15<br>(2-18-54)               | Amoco Production Company<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | SW/4 SW/4 Sec. 36-29N-13W    | 40.00               | 0.00105662                 |
| 92                       | B-11017-58<br>(2-18-54)               | BHP Petroleum (Americas) Inc.<br>Total Minatome          | BHP Petroleum (Americas) Inc.<br>Total Minatome               | 56.25<br>43.75 | SE/4 SW/4 Sec. 36-29N-13W    | 40.00               | 0.00105662                 |
| 93                       | B-11017-40<br>(2-18-54)               | Amoco Production Company                                 | BHP Petroleum (Americas) Inc.                                 | 100.00         | SW/4 SE/4 Sec. 36-29N-13W    | 40.00               | 0.00105662                 |
| 94                       | E-2526<br>(3-10-54)                   | Chase Oil Corporation                                    | Chase Oil Corporation   | 100.00         | SE/4 SE/4 Sec. 36-29N-13W    | 40.00               | 0.00105662                 |

\*Acreage description is from surface to base of Basin Fruitland Coal formation.

| <u>Unit Tract Number</u>      | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>   | <u>Working Interest Ownership in Tract</u>                    | <u>Owner</u>  | <u>Percent</u> | <u>Tract Description (*)</u>  | <u>No. of Acres</u> | <u>Tract Participation</u> |
|-------------------------------|---------------------------------------|---|---|---|----------------|---|---------------------|----------------------------|
| <b><u>PATENTED LEASES</u></b> |                                       |   |   |   |                |   |                     |                            |
| 95                            | (3-2-59)<br>(4-28-59)                 | BHP Petroleum (Americas) Inc.                                 | BHP Petroleum (Americas) Inc.                                 | BHP Petroleum (Americas) Inc.                                 | 100.00         | SE/4 NW/4, NE/4 SW/4, W/2SE/4 Sec. 13-29N-13W   | 160.00              | 0.000422648                |
| 96                            | (8-2-48)                              | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | NW/4NW/4 Sec. 13-29N-13W  | 40.00               | 0.00105662                 |
| 97                            | (11-12-48)                            | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | NW/4SW/4 Sec. 13-29N-13W  | 40.00               | 0.00105662                 |
| 98                            | (12-16-53)                            | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | E/1071' SW/4NW/4 Sec. 13-29N-13W  | 32.00               | 0.00084530                 |
| 99                            | (11-29-48)                            | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | W/2SW/4SW/4 Sec. 13-29N-13W   | 20.00               | 0.00052831                 |
| 100                           | (11-1-48)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | E/2SW/4SW/4, SE/4SW/4 Sec. 13-29N-13W   | 60.00               | 0.00158493                 |
| 101                           | (8-22-52)                             | Louise Locke  | Louise Locke  | Louise Locke  | 100.00         | Begin at a point on N. Line Sec. 23, 40 Rods E. from NW/C of the NE/4 of said Sec., Thence S. 746.8'; Thence E. 770'; Thence N. 746.8'; Thence W. 777' to place of beginning, all situated in Sec. 23-29N-13W | (12.00)             | .00000000                  |
| 102                           | (2-20-47)                             | Louise Locke  | Louise Locke  | Louise Locke  | 100.00         | E/2 NE/4, SW/4 NE/4 and 13 acres in S. part of NW/4 NE/4 Sec. 23-29N-13W  | 133.00              | 0.000351326                |
| 103                           | (12-13-51)                            | BHP Petroleum (Americas) Inc.                                 | BHP Petroleum (Americas) Inc.                                 | BHP Petroleum (Americas) Inc.                                 | 100.00         | N/2 SW/4 Sec. 23-29N-13W  | (80.00)             | 0.00000000                 |
| 103-A                         | (12-13-51)                            | Louise Locke  | Louise Locke  | Louise Locke  | 100.00         | NW/4 Sec. 23-29N-13W  | (160.00)            | 0.00000000                 |

\*Acreage description is from surface to base of Basin Fruitland Coal formation.

| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>   | <u>Working Interest Ownership in Tract</u> | <u>Tract Description (*)</u>  | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|---|--|---|---------------------|----------------------------|
|                          |                                       | <u>Owner</u>  | <u>Percent</u>                             |   |                     |                            |
| 104                      | (4-21-56)                             | Louise Locke  | 100.00                                     | Begin at NW Cor. of the NE/4, Sec. 23, Thence S. 60 Rods, Thence E. 40 Rods, Thence N. 60 Rods, Thence W. 40 Rods, Thence W. 40 Rods to beginning All situated in Sec. 23-29N-13W | 15.00               | 0.00039623                 |
| 105                      | (9-17-47)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00                             | W 12 Ac. NW/4 NW/4 Sec. 24-29N-13W  | 12.00               | 0.00031699                 |
| 106                      | (3-13-47)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00                             | E/28 Ac. NW/4 NW/4 Except 2 Ac. on Eastern Edge Sec. 24-29N-13W   | 26.00               | 0.00068680                 |
| 106-A                    | (12-3-52)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00                             | East/2 Ac. NW/4 NW/4 Sec. 24-29N-13W  | 2.00                | 0.00005283                 |
| 107                      | (3-8-47)                              | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00                             | NE/4 NW/4 Sec. 24-29N-13W Except 16 1/2' on Eastern Edge  | 39.50               | 0.00104341                 |
| 107-A                    | (Unleased)                            | Unleased  | 100.00                                     | 16 1/2' on Eastern Edge of NE/4 NW/4 Sec. 24-29N-13W  | (0.50)              | 0.00000000                 |
| 108                      | (3-8-47)                              | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00                             | S/2 NW/4, SW/4 NE/4, Except 3 Ac. in NW corner, Sec. 24-29N-13W   | 117.00              | 0.00309061                 |
| 108-A                    | (12-6-52)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00                             | 3 Ac. in NW corner of SW/4 NW/4 Sec. 24-29N-13W   | 3.00                | 0.00007925                 |

\*Acreage description is from surface to base of Basin Fruitland Coal formation.

| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>   | <u>Working Interest Ownership in Tract</u> | <u>Tract Description (*)</u>  | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|---|--|---|---------------------|----------------------------|
|                          |                                       | <u>Owner</u>  | <u>Percent</u>                             |   |                     |                            |
| 109                      | (10-3-56)                             | BHP Petroleum (Americas) Inc.                                 | 100.00                                     | NW/4 NE/4 Except 1/2 Ac. Extreme SE Corner, Sec. 24-29N-13W   | 39.50               | 0.00104341                 |
| 110                      | (9-8-48)                              | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00                             | E/2 NE/4 Except East 5 Ac. of SE/4 NE/4 Sec. 24-29N-13W   | 75.00               | 0.00198116                 |
| 111                      | (12-3-47)                             | Meridian Oil Production Inc.                                  | 100.00                                     | 1/2 Ac. South of Public Rd. in SE Corner NW/4 NE/4 Sec.24-29N-13W   | .50                 | 0.00001321                 |
| 112                      | (5-15-47)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00                             | S/2 S/2 Sec. 24, N/2 N/2 Sec. 25-29N-13W; NW/4 NE/4, SE/4 NW/4, S/2 NE/4, Lot 1, NE/4 NW/4 Sec. 30; Lot 4 Sec. 19-29N-12W | 598.93              | 0.01582103                 |
| 113                      | (2-24-47)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00                             | SW/4 NE/4 Sec. 25-29N-13W; W/2 SW/4, SE/4 SW/4 Sec. 29-29N-12W  | 160.00              | 0.00422648                 |
| 114                      | (2-11-47)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00                             | SE/4 NE/4 Sec. 25-29N-13W; Lot 2; Lot 3, NE/4 SW/4 Sec. 30-29N-12W  | 159.12              | 0.00420323                 |
| 115                      | (1-9-56)                              | BHP Petroleum (Americas) Inc.                                 | 100.00                                     | Lot 2, SE/4NW/4, NE/4 SW/4 Sec. 18-29N-12W  | 119.37              | 0.00315322                 |
| 116                      | (1-9-56)                              | BHP Petroleum (Americas) Inc.                                 | 100.00                                     | W/2 SE/4 Sec. 18-29N-12W  | 80.00               | 0.00211324                 |
| 117                      | (8-17-48)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00                             | SE/4 SE/4 Sec. 19, W/2 SW/4 SW/4 Sec. 20-29N-12W  | 60.00               | 0.00158493                 |

\*Acreage description is from surface to base of Basin Fruitland Coal formation.

| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>   | <u>Working Interest Ownership in Tract Owner</u>              | <u>Percent</u> | <u>Tract Description (*)</u>   | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|---|---|----------------|--|---------------------|----------------------------|
| 118                      | (5-8-47)<br>(8-1-46)                  | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 75.00<br>25.00 | E.60 Ac. of E/2 SW/4<br>Sec. 19-29N-12W  | 60.00               | 0.00158493                 |
| 119                      | (9-17-47)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | W 20 ac. E/2 SW/4<br>Sec. 19-29N-12W   | 20.00               | 0.00052831                 |
| 120                      | (2-8-47)                              | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | Lots 1 & 2, W/23.46 Ac.<br>of NW/4 SW/4 Sec. 19-29N-12W;<br>E/5 Ac. of SE/4 NE/4<br>Sec. 24-29N-13W            | 107.31              | 0.00283465                 |
| 121                      | (9-17-47)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | East 16.00 Ac. of NW/4 SW/4<br>Sec. 19-29N-12W   | 16.00               | 0.00042265                 |
| 122                      | (2-12-51)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | W/2 SE/4, SW/4 NE/4<br>Sec. 19-29N-12W   | 120.00              | 0.00316986                 |
| 123                      | (2-11-47)                             | Amoco Production<br>Meridian Oil Production Inc.              | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | SE/4 SE4, W/2 SE/4,<br>SE/4 SW/4 Sec. 30-29N-12W   | 160.00              | 0.00422648                 |
| 124                      | (10-13-52)                            | Amoco Production<br>Meridian Oil Production Inc.              | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | SW/4SW/4 Sec. 28; N/2<br>NE/4, NE4 NW/4 Sec. 32;<br>NW/4 SE/4, S/2 SE/4, Sec. 29;<br>NW/4 NW/4 Sec. 33-29N-12W | 320.00              | 0.00845296                 |
| 125                      | (8-17-48)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | NE/4 Sec. 29;<br>SW/4SE/4 Sec.20-29N-12W   | 200.00              | 0.00528310                 |

\*Acreage description is from surface to base of Basin Fruitland Coal formation.



| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>   | <u>Working Interest Ownership in Tract Owner</u>  | <u>Percent</u>   | <u>Tract Description (*)</u>                                  | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|---|---|--|---|---------------------|----------------------------|
| 126                      | (1-31-47)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.   | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.   | 50.00<br>50.00   | NW/4 Sec. 29;<br>SE/4 SW/4 Sec.<br>20-29N-12W                 | 200.00              | 0.00528310                 |
| 127                      | (8-17-48)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.   | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.   | 50.00<br>50.00   | E/2 SW/4 SW/4<br>Sec.20-29N-12W                               | 20.00               | 0.00052831                 |
| 128                      | (12-16-48)                            | Amoco Production Company<br>Meridian Oil Production Inc.  | Amoco Production Company<br>Meridian Oil Production Inc.  | 50.00<br>50.00   | E/2 SE/4 Sec. 28; NW/4 SW/4,<br>W/2 SW/4 SW/4 Sec. 27-29N-12W | 70.00               | 0.00184908                 |
| 128                      | (5-25-59)                             | Christmann Mineral Company<br>Jack Markham<br>Rosalind Redfern<br>J.H. Herd<br>Jack Thornton<br>Petroleum Synergy Group | Christmann Mineral Company<br>Jack Markham<br>Rosalind Redfern<br>J.H. Herd<br>Jack Thornton<br>Petroleum Synergy Group | 25.000<br>25.000<br>25.000<br>16.334<br>1.000<br>8.166 | E/2 SE/4 Sec. 28; NW/4 SW/4,<br>W/2 SW/4 SW/4 Sec. 27-29N-12W | (70.00)             | .00000000                  |
| 129                      | (3-18-52)                             | Meridian Oil Production Inc.  | Meridian Oil Production Inc.  | 100.00   | S/2 NW/4, NW/4 NW/4,<br>NE/4 SW/4 Sec. 28-29N-12W             | 160.00              | 0.00422648                 |
| 130                      | (2-27-47)                             | Meridian Oil Production Inc.<br>BHP Petroleum (Americas) Inc.   | Meridian Oil Production Inc.<br>Amoco Production Company  | 50.00<br>50.00   | NW/4 SE/4<br>Sec. 28-29N-12W                                  | 40.00               | 0.00105662                 |
| 130                      | (2-27-47)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.   | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.   | 50.00<br>50.00   | S/2 NE/4 Sec. 28-29N-12W                                      | 80.00               | 0.00211324                 |
| 131                      | (2-27-61)                             | Amoco Production Company  | Amoco Production Company  | 100.00   | E/2 SW/4SW/4 Sec. 27-29N-12W                                  | 20.00               | 0.00052831                 |

\*Acreage description is from surface to base of Basin Fruitland Coal formation.

| Unit Tract Number | Serial No. & Date of Lease | Record Owner  | Working Interest Ownership in Tract   |  | Tract Description (*)  | No. of Acres | Tract Participation |
|-------------------|----------------------------|---|---|--|--|--------------|---------------------|
|                   |                            |   | Owner   | Percent  |  |              |                     |
| 132               | (12-16-48)                 | Amoco Production Company<br>Meridian Oil Production Inc.  | Amoco Production Company<br>Meridian Oil Production Inc.  | 50.00<br>50.00   | SE/4SW/4 Sec. 27-29N-12W   | 40.00        | 0.00105662          |
| 133               | (12-2-59)                  | Amoco Production Company  | Amoco Production Company  | 100.00   | NE/4 SW/4 Sec. 27-29N-12W  | 40.00        | 0.00105662          |
| 134               | (9-17-47)                  | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.   | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.   | 50.00<br>50.00   | W/2SW/4SE/4 Sec.27-29N-12W                                       | 10.00        | 0.00026415          |
| 134               | (5-25-59)                  | Petroleum Synergy Group<br>Rosalind Redfern<br>J.H. Herd<br>Christmann Mineral Co.<br>Mannon Markham McMullen<br>Roderick Allen Markham<br>Jack D. Thornton | Petroleum Synergy Group<br>Rosalind Redfern<br>J.H. Herd<br>Christmann Mineral Co.<br>Mannon Markham McMullen<br>Roderick Allen Markham<br>Jack D. Thornton | 8.166<br>25.000<br>16.334<br>25.000<br>12.500<br>12.500<br>1.000 | W/2SW/4SE/4 Sec.27-29N-12W                                       | (10.00)      | 0.00000000          |
| 135               | (5-25-59)                  | Petroleum Synergy Group<br>Rosalind Redfern<br>J.H. Herd<br>Christmann Mineral Co.<br>Mannon Markham McMullen<br>Roderick Allen Markham<br>Jack D. Thornton | Petroleum Synergy Group<br>Rosalind Redfern<br>J.H. Herd<br>Christmann Mineral Co.<br>Mannon Markham McMullen<br>Roderick Allen Markham<br>Jack D. Thornton | 8.166<br>25.000<br>16.334<br>25.000<br>12.500<br>12.500<br>1.000 | E/2SW/4SE/4 Sec. 27; NW/4 NE/4,<br>E/2 NE/4 NE/4 Sec. 34-29N-12W | (80.00)      | 0.00000000          |
| 136               | (7-24-48)                  | BHP Petroleum (Americas) Inc.   | BHP Petroleum (Americas) Inc.   | 100.00   | W/2 SE/4 SE/4 Sec. 27; W/2<br>NE/4 NE/4 Sec. 34-29N-12W          | 40.00        | 0.00105662          |

\*Average description is from surface to base of Basin Fruitland Coal formation.

| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u><br>(10-20-61) | <u>Record Owner</u><br>Texaco Exploration & Production        | <u>Working Interest Ownership in Tract Owner</u><br>Texaco Exploration & Production | <u>Percent</u><br>100.00 | <u>Tract Description (*)</u><br>E/2 SE/4 SE/4 Sec. 27-29N-12W   | <u>No. of Acres</u><br>(20.00) | <u>Tract Participation</u><br>0.00000000 |
|--------------------------|---|---|---|--------------------------|---|--------------------------------|--|
| 138                      | (4-15-58)   | Amoco Production Company                                      | Amoco Production Company  | 100.00                   | S/2 NW/4, NW/4 NW/4 Sec. 27-29N-12W                             | 120.00                         | 0.00316986                               |
| 139                      | (7-18-58)   | BHP Petroleum (Americas) Inc.                                 | BHP Petroleum (Americas) Inc.   | 100.00                   | SE/4 SW/4 Sec. 22; NE/4NW/4 Sec. 27-29N-12W                     | 80.00                          | 0.00211324                               |
| 140                      | (4-15-58)   | BHP Petroleum (Americas) Inc.                                 | BHP Petroleum (Americas) Inc.   | 100.00                   | SW/4SW/4 Sec. 22-29N-12W  | 40.00                          | 0.00105662                               |
| 141                      | (9-24-47)   | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.                       | 50.00<br>50.00           | S/2 SE/4 Sec 22-29W-12W   | 80.00                          | 0.00211324                               |
| 142                      | (1-31-47)   | Meridian Oil Production Inc.<br>BHP Petroleum (Americas) Inc. | Meridian Oil Production Inc.<br>BHP Petroleum (Americas) Inc.                       | 50.00<br>50.00           | SE/4, NE/4 SW/4 Sec. 34;<br>SW/4 NW/4, W/2 SW/4 Sec. 35-29N-12W | 320.00                         | 0.00845296                               |
| 143                      | (6-28-48)   | Meridian Oil Production Inc.<br>BHP Petroleum (Americas) Inc. | Meridian Oil Production Inc.<br>BHP Petroleum (Americas) Inc.                       | 50.00<br>50.00           | S/2 N/2 Sec. 34-29W-12W   | 160.00                         | 0.00422648                               |
| 144                      | (3-12-47)   | Meridian Oil Production Inc.<br>BHP Petroleum (Americas) Inc. | Meridian Oil Production Inc.<br>BHP Petroleum (Americas) Inc.                       | 50.00<br>50.00           | N/2 NE/4 Sec. 33;<br>N/2 NW/4 Sec. 34-29N-12W                   | 160.00                         | 0.00422648                               |
| 145                      | (3-12-47)   | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.                       | 50.00<br>50.00           | W/2 NE/4, E/2 NW/4 Sec. 35-29N-12W                              | 160.00                         | 0.00422648                               |
| 146                      | (1-31-47)   | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.                       | 50.00<br>50.00           | E/2 NE/4, SE/4, E/2 SW/4 Sec. 35-29N-12W                        | 320.00                         | 0.00845296                               |

\*Acreage description is from surface to base of Basin Fruitland Coal formation.

| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>  | <u>Working Interest Ownership in Tract</u>   | <u>Tract Description (*)</u>                                      | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|--|--|---|---------------------|----------------------------|
|                          |                                       |  | <u>Owner</u><br><u>Percent</u>   |   |                     |                            |
| 147                      | (1-30-47)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.  | BHP Petroleum (Americas) Inc.<br>50.00<br>Meridian Oil Production Inc.<br>50.00  | NE/4 SE/4 Sec. 26-29N-12W   | 20.00               | 0.00052831                 |
| 147                      | (10-23-47)                            | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.  | BHP Petroleum (Americas) Inc.<br>50.00<br>Meridian Oil Production Inc.<br>50.00  | NE/4 SE/4 Sec. 26-29N-12W   | 20.00               | 0.00052831                 |
| 148                      | (10-23-47)                            | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.  | BHP Petroleum (Americas) Inc.<br>50.00<br>Meridian Oil Production Inc.<br>50.00  | SE/4SE/4 Sec. 26-29N-12W  | 20.00               | 0.00052831                 |
| 148                      | (5-25-59)                             | Christmann Mineral Co.<br>Jack Markham<br>Rosalind Redfern<br>J. H. Herd<br>John Thornton<br>Petroleum Synergy Group | Christmann Mineral Co.<br>25.000<br>Jack Markham<br>25.000<br>Rosalind Redfern<br>16.333<br>J. H. Herd<br>1.000<br>John Thornton<br>8.167<br>Petroleum Synergy Group | SE/4 SE/4 Sec. 26-29N-12W   | (20.00)             | 0.00000000                 |
| 149                      | (1-30-47)                             | Meridian Oil Production Inc.<br>BHP Petroleum (Americas) Inc.  | Meridian Oil Production Inc.<br>50.00<br>BHP Petroleum (Americas) Inc.<br>50.00  | NE/4, E/2 NW/4, SW/4 NW/4,<br>N/2 SW/4 Sec. 26-29N-12W            | 360.00              | 0.00950958                 |
| 150                      | (3-12-47)                             | Amoco Production Company<br>Meridian Oil Production Inc.   | Amoco Production Company<br>50.00<br>Meridian Oil Production Inc.<br>50.00   | SW/4SE/4, NE/4NW/4<br>Sec. 25-29N-12W                             | 80.00               | 0.00211324                 |
| 151                      | (12-4-48)                             | Amoco Production Company<br>Meridian Oil Production Inc.   | Amoco Production Company<br>50.00<br>Meridian Oil Production Inc.<br>50.00   | S. 3/4 NW/4 SE/4<br>less 20' strip= .4545 acre<br>Sec. 25-29N-12W | 30.00               | 0.00079246                 |
| 152                      | (1-30-47)                             | Amoco Production Company<br>Meridian Oil Production Inc.   | Amoco Production Company<br>50.00<br>Meridian Oil Production Inc.<br>50.00   | W/2 NW/4 Sec 25-29N-12W   | 80.00               | 0.00211324                 |

\*Acreage description is from surface to base of Basin Fruitland Coal formation.

| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>   | <u>Working Interest Ownership in Tract Owner</u>   | <u>Percent</u>   | <u>Tract Description (*)</u>  | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|---|--|--|---|---------------------|----------------------------|
| 152                      | (1-30-47)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.   | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.  | 50.00<br>50.00   | N/2 SW/4<br>Sec. 25-29N-12W   | 80.00               | 0.00211324                 |
| 153                      | (5-25-59)                             | Christmann Minerals Co.<br>Jack Markham<br>Rosalind Redfern, a widow<br>J.H. Herd<br>Jack Thornton<br>Petroleum Synergy Group | Christmann Minerals Co.<br>Jack Markham<br>Rosalind Redfern, a widow<br>J.H. Herd<br>Jack Thornton<br>Petroleum Synergy Group Inc. | 25.000<br>25.000<br>25.000<br>16.334<br>1.000<br>8.166 | SE/4 NW/4, S/2 SW/4<br>Sec. 25-29N-12W                                    | (120.00)            | 0.00000000                 |
| 154                      | (4-16-58)                             | Amoco Production Company  | Amoco Production Company   | 100.00   | S/74 Ac. E/2 SE/4<br>Sec. 25-29N-12W                                      | 74.00               | 0.00195475                 |
| 155                      | (Not Leased)                          | Patricia Kavestrand   | Patricia Kavestrand  | 100.00   | W/249' SW/4NW/4<br>Sec. 13-29N-13W  | 8.00                | 0.00021132                 |
| 156                      | (10-25-58)                            | Amoco Production Company  | Amoco Production Company   | 100.00   | N.10 Ac. NW/4 SE/4<br>less 20' strip off of West<br>side, Sec. 25-29N-12W | (10.00)             | 0.00000000                 |
| 157                      | (4-16-58)                             | BHP Petroleum (Americas) Inc.   | BHP Petroleum (Americas) Inc.  | 100.00   | N.6 Ac. E/2 SE/4<br>Sec. 25-29N-12W                                       | 6.00                | 0.00015849                 |
| 164                      | (5-10-51)                             | Louise Locke  | Louise Locke   | 100.00   | Lots 3 & 4,<br>S/2 NW/4 Sec. 5-27N-12W                                    | (159.94)            | 0.00000000                 |

\*Acreage description is from surface to base of Basin Fruitland Coal formation.

SCHEDULE OF OWNERSHIP  
GALLEGOS CANYON UNIT

R E C A P I T U L A T I O N

**INITIAL BASIN FRUITLAND COAL PARTICIPATING AREA  
PRIOR TO MAY 1, 1995**

| <u>Lands</u>         | <u>Total Acreage</u> | <u>Committed Acreage</u> | <u>Participation Percent</u> |
|----------------------|----------------------|--------------------------|------------------------------|
| Total Federal Lands  | 24,916.74            | 24,778.96                | 65.4548                      |
| Total Indian Lands   | 4,105.34             | 4,105.34                 | 10.8445                      |
| Total State Lands    | 3,159.05             | 3,039.05                 | 8.0278                       |
| Total Patented Lands | <u>6,675.67</u>      | <u>5,933.23</u>          | <u>15.6729</u>               |
| TOTAL                | 38,856.80            | 37,856.58                | 100.0000                     |

NOTE: Acreage in parenthesis ( ) is not committed to the Unit.

\*Acreage is from surface to base of the Basin Fruitland Coal formation.

**EXHIBIT "B"**  
**REVISED**

**FIRST ENLARGEMENT FRUITLAND PARTICIPATING AREA "E"**  
**GALLEGOS CANYON UNIT, SAN JUAN COUNTY, NEW MEXICO**  
AS OF  
**MAY 1, 1995**

| Unit<br>Tract<br>Number       | Serial No.<br>& Date of<br>Lease | Record Owner  | Working Interest Owner in Tract                               |                | Tract<br>Description (*)                 | No. of<br>Acres | Tract<br>Participation |
|-------------------------------|----------------------------------|---|---|----------------|--|-----------------|------------------------|
|                               |                                  |   | Owner   | Percent        |  |                 |                        |
| <b><u>FEDERAL LANDS</u></b>   |                                  |   |   |                |  |                 |                        |
| 36                            | SF-080962<br>(7-1-50)            | Elma R. Jones   | Maryann Klingler Trust  | 100.00         | Lot 1, 2 Sec. 29-29N-12W                 | 78.96           | 0.12357582             |
| <b><u>PATENTED LEASES</u></b> |                                  |   |   |                |  |                 |                        |
| 113                           | (2-24-47)                        | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | W/2 SW/4, SE/4 SW/4<br>Sec. 29-29N-12W   | 120.00          | 0.18780518             |
| 124                           | (10-13-52)                       | Amoco Production<br>Meridian Oil Production Inc.              | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | NW/4 SE/4, S/2 SE/4, Sec. 29-<br>29N-12W | 120.00          | 0.18780518             |
| 125                           | (8-17-48)                        | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | NE/4 Sec. 29-29N-12W                     | 160.00          | 0.25040691             |
| 126                           | (1-31-47)                        | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | NW/4 Sec. 29-29N-12W                     | 160.00          | 0.25040691             |

\* Descriptions describe only the Fruitland Sand Formatio

SCHEDULE OF OWNERSHIP  
GALLEGOS CANYON UNIT

RECAPITULATION  
REVISED

FIRST ENLARGEMENT OF FRUITLAND PARTICIPATING AREA "E"  
AS OF MAY 1, 1995

| <u>Lands</u>         | <u>Total Acreage</u> | <u>Committed Acreage</u> | <u>Participation Percent</u> |
|----------------------|----------------------|--------------------------|------------------------------|
| Total Federal Lands  | 78.96                | 78.96                    | 12.3576                      |
| Total Patented Lands | <u>558.00</u>        | <u>558.00</u>            | <u>87.6424</u>               |
| TOTAL                | 638.96               | 638.96                   | 100.0000                     |



**EXHIBIT "B"**  
**REVISED**

**INITIAL BASIN FRUITLAND COAL PARTICIPATING AREA**  
**GALLEGOS CANYON UNIT, SAN JUAN COUNTY, NEW MEXICO**  
**AS OF**  
**MAY 1, 1995**

| <u>Unit Tract Number</u>    | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>          | <u>Working Interest Ownership in Tract Owner</u>  | <u>Percent</u>                            | <u>Tract Description (*)</u>                              |
|-----------------------------|---------------------------------------|------------------------------|---|---|---|
| <b><u>FEDERAL LANDS</u></b> |                                       |                              |   |   |   |
| 1                           | NM-014376<br>(11-1-54)                | Amoco Production Company     | BHP Petroleum (Americas) Inc.   | 100.00                                    | N/2 S/2 Sec.<br>24-29N-13W                                |
| 2                           | SF-047019-B<br>(3-6-36)               | Meridian Oil Production Inc. | Meridian Oil Production Inc.  | 100.00                                    | Lot 1 Sec. 7; SE/4 NE/4,<br>SW/4 SE/4, Sec. 18-28N-11W    |
| 3                           | NM-03654<br>(2-1-51)                  | Amoco Production Company     | BHP Petroleum (Americas) Inc.   | 100.00                                    | Lot 3 Sec. 18-29N-12W                                     |
| 4                           | NM-03654<br>(2-1-51)                  | Amoco Production Company     | BHP Petroleum (Americas) Inc.   | 100.00                                    | S/2SW, SW/4SE/4,<br>Sec. 23; NE/4 NE/4<br>Sec. 26-29N-13W |
| 5                           | NM-06237<br>(10-1-52)                 | Ernest A. Hanson             | E. H. Weig, Trustee of the<br>Weig Family Trust<br>Arley P. Geniusz Trust<br>Norbert Geniusz Trust<br>Joanne Kruger<br>Linda Bulk | 25.00<br>25.00<br>25.00<br>12.50<br>12.50 | Lots 1,2,5,6 Sec. 21<br>29N-12W                           |
| 6                           | SF-077966<br>(2-1-48)                 | Southland Royalty Company    | Southland Royalty Company   | 100.00                                    | Sec. 24; SE/4<br>Sec. 14-28N-13W                          |

\* Average description is from surface to base of the Basin Fruitland Coal formation.

**EXHIBIT "B"**  
**REVISED**

INITIAL BASIN FRUITLAND COAL PARTICIPATING AREA  
GALLEGOS CANYON UNIT, SAN JUAN COUNTY, NEW MEXICO  
AS OF  
MAY 1, 1995

| <u>Unit Tract Number</u>    | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>          | <u>Working Interest Ownership in Tract Owner</u>  | <u>Percent</u>                            | <u>Tract Description (*)</u>                              |
|-----------------------------|---------------------------------------|------------------------------|---|---|---|
| <b><u>FEDERAL LANDS</u></b> |                                       |                              |   |   |   |
| 1                           | NM-014376<br>(11-1-54)                | Amoco Production Company     | BHP Petroleum (Americas) Inc.   | 100.00                                    | N/2 S/2 Sec.<br>24-29N-13W                                |
| 2                           | SF-047019-B<br>(3-6-36)               | Meridian Oil Production Inc. | Meridian Oil Production Inc.  | 100.00                                    | Lot 1 Sec. 7; SE/4 NE/4,<br>SW/4 SE/4, Sec. 18-28N-11W    |
| 3                           | NM-03654<br>(2-1-51)                  | Amoco Production Company     | BHP Petroleum (Americas) Inc.   | 100.00                                    | Lot 3 Sec. 18-29N-12W                                     |
| 4                           | NM-03654<br>(2-1-51)                  | Amoco Production Company     | BHP Petroleum (Americas) Inc.   | 100.00                                    | S/2SW, SW/4SE/4,<br>Sec. 23; NE/4 NE/4<br>Sec. 26-29N-13W |
| 5                           | NM-06237<br>(10-1-52)                 | Ernest A. Hanson             | E. H. Weig, Trustee of the<br>Weig Family Trust<br>Arley P. Geniusz Trust<br>Norbert Geniusz Trust<br>Joanne Kruger<br>Linda Bulk | 25.00<br>25.00<br>25.00<br>12.50<br>12.50 | Lots 1,2,5,6 Sec. 21<br>29N-12W                           |
| 6                           | SF-077966<br>(2-1-48)                 | Southland Royalty Company    | Southland Royalty Company   | 100.00                                    | Sec. 24; SE/4<br>Sec. 14-28N-13W                          |

\* Average description is from surface to base of the Basin Fruitland Coal formation.

| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>            | <u>Working Interest Ownership in Tract Owner</u>         | <u>Percent</u> | <u>Tract Description (*)</u>   | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|--------------------------------|--|----------------|--|---------------------|----------------------------|
| 7                        | SF-077967<br>(2-1-48)                 | Meridian Oil Production Inc.   | Meridian Oil Production Inc.                             | 100.00         | E/2 SEC. 36-28N-13W  | 320                 | 0.00846285                 |
| 8                        | NM-0338690<br>(2-1-48)                | Fast Enterprises               | Slyvia Little Trust                                      | 100.00         | Lot 1, 2, S/2 SE/4<br>Sec. 11-28N-13W  | (137.78)            | 0.00000000                 |
| 9                        | SF-078106<br>(12-1-47)                | Meridian Oil Production Inc.   | BHP Petroleum (Americas)<br>Dugan Production Corporation | 87.39<br>12.61 | Sec.s 15; 17; 18; Lots 1, 2,<br>E/2 NW/4 Sec. 19;<br>NW/4, SE/4 Sec. 21; NW/4<br>Sec. 22-28N-12W   | 2,536.94            | 0.06709298                 |
| 10                       | SF-078109<br>(2-1-48)                 | Sun Operating Ltd. Partnership | BHP Petroleum (Americas) Inc.                            | 100.00         | Lots 1-5, SE/4 SW/4, S/2 SE/4<br>Sec. 7; Lots 1-4, S/2 S/2 Sec. 8;<br>Lots 3, 4, S/2 SW/4 Sec. 9;<br>Lots 1-4, S/2 S/2 Sec. 10; Lots 3,4<br>Sec. 11-28N-12W; Lots 3,4,7,8,9,12, W/2<br>NW/4, NW/4 SW/4, SE/4 SE/4 Sec. 21;<br>Lots 2-5 Sec. 26; S/2 NE/4 Sec. 27;<br>Lots 1-4, 27-30 Sec. 28; Lots 5-20 (All)<br>Sec. 31; Lots 3-6 Sec. 33 and Lots 2,3<br>Sec. 34-29N-12W | 2545.51             | 0.06731963                 |
| 11                       | SF-078209<br>(10-1-49)                | Amoco Production Company       | BHP Petroleum (Americas) Inc.                            | 100.00         | Lot 31 Sec. 28, Lot 1 Sec. 34, Lot 1<br>Sec. 35-29N-12W  | 120.67              | 0.00319129                 |
| 11-A                     | SF-078209-B<br>(10-1-49)              | Meridian Oil Production Inc.   | Meridian Oil Production Inc.                             | 100.00         | Lots 32, 33 Sec. 28, Lots 1,2<br>Sec. 33-29N-12W   | 161.40              | 0.00426845                 |
| 11-B                     | SF-078209<br>(10-1-49)                | Meridian Oil Production Inc.   | Meridian Oil Production Inc.                             | 100.00         | NE/4 NE/4, NE/4 SE/4<br>and Lot 4 Sec. 30-29N-12W  | 119.68              | 0.00316511                 |

\* Acreage description is from surface to base of Basin Fruitland Coal formation.

| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>   | <u>Working Interest Ownership in Tract Owner</u>   | <u>Percent</u>  | <u>Tract Description (*)</u>   | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|---|--|---|--|---------------------|----------------------------|
| 12                       | SF-078303<br>(12-1-47)                | Amoco Production Company  | BHP Petroleum (Americas) Inc.  | 100.00  | Lots 10, 11, 12, Sec. 18-29N-12W   | 117.87              | 0.00311724                 |
| 13                       | SF-078370<br>(12-1-47)                | Amoco Production Company  | BHP Petroleum (Americas) Inc.  | 100.00  | Lots 5, 6, 7, 8, 9 Sec. 18;<br>Lots 1, 2, 3, 6, 7, 8 Sec. 17-29N-12W                     | 433.33              | 0.01146003                 |
| 14                       | NM-03401<br>(2-1-47)                  | Amoco Production Company  | BHP Petroleum (Americas) Inc.  | 100.00  | Lots 4 and 5 Sec. 17-29N-12W   | 78.60               | 0.00207869                 |
| 15                       | SF-078780<br>(3-1-51)                 | John J. Redfern, Jr.-33.333<br>J. H. Herd -16.667<br>John J. Christmann-25.000<br>Jack Markham-25.000 | Christmann Mineral Company<br>Rosalind Redfern<br>J.H. Herd<br>Roderick Markham<br>Petroleum Synergy Group<br>Mannon M. McMullen | 25.000<br>25.000<br>16.667<br>12.500<br>8.333<br>12.500 | E/2 SE/4<br>Sec. 18, SE/4 SE/4<br>Sec. 7-28N-11W   | 120.00              | 0.00317357                 |
| 15                       | SF-078780<br>(3-1-51)                 | John J. Redfern, Jr.-33.333<br>J. H. Herd -16.667<br>John J. Christmann-25.000<br>Jack Markham-25.000 | Christmann Mineral Company<br>Rosalind Redfern<br>J.H. Herd<br>Petroleum Synergy Group<br>Jack Markham                           | 25.000<br>25.000<br>16.667<br>8.333<br>25.000           | NE/4 NE/4<br>Sec. 18-28N-11W   | 40.00               | 0.00105786                 |
| 16                       | SF-078807-A<br>(4-1-48)               | Amoco Production Company<br>Meridian Oil Production Inc.  | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.  | 50.00<br>50.00  | Lots 1, 2, 3, 4 and S/2 S/2<br>Sec. 12; Sec. 13; NE/4<br>Sec. 14-28N-13W                 | 1075.40             | 0.02844048                 |
| 17                       | SF-078828<br>(8-1-49)                 | Amoco Production Company<br>Meridian Oil Production Inc.  | BHP Petroleum (Americas)<br>Meridian Oil Production Inc.   | 50.00<br>50.00  | NE/4 NE/4, SW/4 NE/4 Sec. 14;<br>NE/4 Sec. 22; W/2 NW/4<br>Sec. 23; SE/4 Sec. 29-28N-12W | 480.00              | 0.01269428                 |
| 17-A                     | SF-078828-A<br>(8-1-49)               | Amoco Production Company<br>Meridian Oil Production Inc.  | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.  | 50.00<br>50.00  | S/2 SW/4 Sec. 11; SW/4 Sec. 14;<br>Sec. 27; Sec. 28; NE/4<br>Sec. 29-28N-12W             | 1680.00             | 0.04442999                 |

\* Acreage description is from surface to base of Basin Fruitland Coal formation.

| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>                                      | <u>Working Interest Ownership in Tract Owner</u>              | <u>Percent</u> | <u>Tract Description (*)</u>  | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|--|---|----------------|---|---------------------|----------------------------|
| 17-A                     | SF-078828-A<br>(8-1-49)               | Amoco Production Company<br>Meridian Oil Production Inc. | Amoco Production Company<br>Meridian Oil Production Inc.      | 50.00<br>50.00 | S/2 SE/4 Sec. 11-28N-12W  | 80.00               | 0.00211571                 |
| 18                       | SF-078903-A<br>(2-1-48)               | McArthur Foundation<br>Meridian Oil Production Inc.      | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | Sec. 34-28N-12W/0   | 640.00              | 0.01692571                 |
| 18-A                     | SF-078903<br>(2-1-48)                 | Meridian Oil Production Inc.                             | Meridian Oil Production Inc.                                  | 100.00         | Sec. 35; Sec. 36-28N-12W  | 1280.00             | 0.03385142                 |
| 18-B                     | SF-078903-B<br>(2-1-48)               | Amoco Production Company                                 | BHP Petroleum (Americas) Inc.                                 | 100.00         | Sec. 33-28N-12W   | 640.00              | 0.01692571                 |
| 19                       | SF-078904<br>(2-1-48)                 | Amoco Production Company<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | E/2, SW/4,<br>E/2 NW/4 Sec. 23;<br>Sec. 24; Sec. 26-28N-12W   | 1840.00             | 0.04866141                 |
| 19-A                     | SF-078904-A<br>(2-1-48)               | Amoco Production Company                                 | BHP Petroleum (Americas) Inc.                                 | 100.00         | Sec. 25-28N-12W   | 640.00              | 0.01692571                 |
| 20                       | SF-078905<br>(7-1-48)                 | Amoco Production Company<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | SW/4 SW/4 Sec. 12; W/2 NW/4,<br>SW/4, Sec 13; NW/4, NW/4<br>NE/4, SE/4 NE/4, SE/4 Sec. 14;<br>S/2 Sec. 22; Lots 3, 4, E/2 SW/4<br>Sec. 31-28N-12W | 1152.00             | 0.03046628                 |
| 20                       | SF-078905<br>(7-1-48)                 | Amoco Production Company<br>Meridian Oil Production Inc. | Amoco Production Company<br>Meridian Oil Production Inc.      | 50.00<br>50.00 | Lots 1, 2 Sec. 11-28W-12W   | 55.18               | 0.000145931                |
| 21                       | SF-078926<br>(5-1-48)                 | Amoco Production Company<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | S/2 NW/4, S/2 Sec. 25;<br>W/2 NE/4, SE/4 NE/4 Sec. 26;<br>Sec. 35-29N-13W   | 1160.00             | 0.03067785                 |
| 21-A                     | SF-078926-A<br>(5-1-48)               | Amoco Production Company                                 | BHP Petroleum (Americas) Inc.                                 | 100.00         | S/2, NW/4 Sec. 26-29N-13W   | 480.00              | 0.01269428                 |

\* Acreage description is from surface to base of Basin Fruitland Coal formation.

| Unit Tract Number | Serial No. & Date of Lease | Record Owner   | Working Interest Ownership in Tract  |                         | Tract Description (*)   | No. of Acres | Tract Participation |
|-------------------|----------------------------|--|--|-------------------------|---|--------------|---------------------|
|                   |                            |  | Owner  | Percent                 |   |              |                     |
| 22                | SF-078949<br>(2-1-48)      | Earl Hanson - 45.00<br>Paul Slayton - 45.00<br>MMH Trust - 10.00 | Arley P. Geniusz and Norbert Geniusz, Trustees of the Arley P. Geniusz Trust   | 22.50                   | Lot 4, SE/4 SW/4 Sec. 18;<br>E/2 NW/4, NW/4 NE/4<br>Sec. 19-29N-12W | 199.48       | 0.00527553          |
|                   |                            |  | E.H. Weig, Trustee of the Weig Family Trust  | 22.50                   |   |              |                     |
|                   |                            |  | Paul Slayton<br>Margaret M. Hodges, Trustee of the MMH Trust   | 45.00<br>10.00          |   |              |                     |
| 24                | SF-079244<br>(5-1-48)      | Amoco Production Company<br>Meridian Oil Production Inc.         | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.  | 50.00<br>50.00          | NW/4 Sec. 20-28N-12W  | 160.00       | 0.00423143          |
| 24-A              | SF-079244-A<br>(5-1-48)    | Amoco Production Company<br>Meridian Oil Production Inc.         | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.  | 50.00<br>50.00          | NE/4 Sec. 19-28N-12W  | 160.00       | 0.00423143          |
| 25                | SF-079346<br>(5-1-49)      | Amoco Production Company<br>Meridian Oil Production Inc.         | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.  | 50.00<br>50.00          | SE/4 Sec. 32-28N-12W  | 160.00       | 0.00423143          |
| 25-A              | SF-078902<br>(2-1-48)      | Meridian Oil Production Inc.                                     | Meridian Oil Production Inc.   | 100.00                  | Sec. 4 ; Lots 1 & 2, S/2 NE/4<br>Sec. 5-27N-12W                     | 800.62       | 0.02117353          |
| 25-B              | SF-079346-A<br>(5-1-49)    | Amoco Production Company<br>Meridian Oil Production Inc.         | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.  | 50.00<br>50.00          | N/2, SW/4 Sec. 32-28N-12W   | 480.00       | 0.01269428          |
| 26                | SF-079907<br>(9-1-48)      | Amoco Production Company   | BHP Petroleum (Americas) Inc.  | 100.00                  | Lot 1, Sec. 26; N/2 NE/4<br>Sec. 27-29N-12W                         | 119.96       | 0.00317251          |
| 27                | SF-080224<br>(3-1-51)      | Estate of Earnest A. Hanson                                      | Arley P. Geniusz and Norbert Geniusz, Trustees of the Arley P. Geniusz Trust<br>Arley P. Geniusz and Norbert J. Geniusz, Trustees of the Norbert J. Geniusz Trust<br>E.H. Weig, Trustee of the Weig Family Trust | 50.00<br>25.00<br>25.00 | N/2SE/4 Sec. 27-29N-12W   | 80.00        | 0.00211571          |

\* Acreage description is from surface to base of Basin Fruitland Coal formation.

| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>  | <u>Working Interest Ownership in Tract Owner</u>   | <u>Percent</u>  | <u>Tract Description (*)</u>  | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|--|--|---|---|---------------------|----------------------------|
| 28                       | SF-080239<br>(9-1-49)                 | Meridian Oil Production  | Meridian Oil Production  | 100.00  | N/2 SE/4, SE/4 SE/4 Sec. 23-29N-13W                                 | 120.00              | 0.00317357                 |
| 29                       | SF-080491<br>(6-1-53)                 | Amoco Production Company   | BHP Petroleum (Americas) Inc.  | 100.00  | Lots 9, 10, 15, 16<br>Sec. 17-29N-12W                               | 158.42              | 0.00418964                 |
| 30                       | SF-080600<br>(6-1-53)                 | Amoco Production Company   | BHP Petroleum (Americas) Inc.  | 100.00  | Lots 11, 12, 13, 14<br>Sec. 17-29N-12W                              | 156.92              | 0.00414997                 |
| 31                       | SF-080614<br>(5-1-52)                 | Amoco Production Company<br>Meridian Oil Production                            | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.  | 50.00<br>50.00  | E/2SE/4, NE/4NW/4, NE/4<br>Sec. 13-29N-13W                          | 280.00              | 0.00740500                 |
| 32                       | SF-080647<br>(3-1-48)                 | First Nat. Bank of Amarillo,<br>Texas, Trustee, Nicole Huve<br>Revocable Trust | BHP Petroleum (Americas) Inc.  | 100.00  | Lots 9, 10, 11, 12 Sec. 22-29N-12W                                  | 158.83              | 0.00420049                 |
| 33                       | SF-080647<br>(3-1-48)                 | First Nat. Bank of Amarillo<br>Texas, Trustee, Nicole Huve<br>Revocable Trust  | BHP Petroleum (Americas) Inc.  | 100.00  | Lots 3,4,5,6<br>Sec. 22-29N-12W                                     | 159.22              | 0.00421080                 |
| 34                       | SF-080723<br>(1-1-50)                 | Amoco Production Company   | Donald S. Fulsaaas<br>Marilyn A. Fulsaaas<br>Richard M. Fulsaaas<br>Donald S. Fulsaaas, Exec.<br>of the Estate of Russell Fulsaaas<br>Johnson Family Royalty<br>Dorothy E. Mengotto<br>The Johnson Trust | 7.50<br>7.50<br>7.50<br>7.50<br>25.00<br>22.50<br>22.50 | Lots 5, 6, and 7 Sec. 19;<br>Lots 9-11, E/2 SE/4<br>Sec. 20-29N-12W | 312.71              | 0.00827006                 |

\* Acreage description is from surface to base of Basin Fruitland Coal formation.

| Unit<br>Tract<br>Number | Serial No.<br>& Date of<br>Lease | Record Owner  | Working Interest Ownership in Tract  |   | Tract<br>Description (*)   | No. of<br>Acres | Tract<br>Participation |
|-------------------------|----------------------------------|---|--|---|--|-----------------|------------------------|
|                         |                                  |   | Owner  | Percent                                       |  |                 |                        |
| 34-A                    | NM-03526<br>(1-1-50)             | Amoco Production Company  | BHP Petroleum (Americas) Inc.  | 100.00  | Lots 10, 11, S/2SW/4SW/4,<br>S/2S/2E/4SW/4, NW/4SW/4SE/4SW/4<br>Sec. 21, Lots 5-26 Sec. 28-29N-12W | 160.08          | 0.00423354             |
| 34-B                    | SF-080723<br>(1-1-50)            | Amoco Production Company  | BHP Petroleum (Americas) Inc.  | 100.00  | Lots 1-8 Sec. 20-29N-12W   | 313.18          | 0.00828249             |
| 35                      | SF-080844-A                      | Amoco Production Company  | BHP Petroleum (Americas) Inc.  | 100.00  | Lots 1-4, E/2W/2, E/2 (All)<br>Sec. 19-28N-11W   | 635.84          | 0.01681569             |
| 35-A                    | SF-080844<br>(10-1-51)           | Amoco Production Company  | Meridian Oil Production Inc.   | 100.00  | Lots 3,4, E/2 SW/4, SE/4<br>Sec. 31-28N-11W  | 317.39          | 0.00839383             |
| 36                      | SF-080962<br>(7-1-50)            | Elma R. Jones   | Maryann Klinger Trust  | 100.00  | Lots 1,2 Sec. 29-29N-12W   | 78.96           | 0.00208821             |
| 48                      | NM-020497<br>(12-1-55)           | John J. Redfern, Jr. - 33.333<br>J.H. Herd - 16.667<br>John J. Christmann - 25.000<br>Jack Markham - 25.000 | Rosalind Redfern<br>Petroleum Synergy Group<br>J.H. Herd<br>Christmann Mineral Co.<br>Jack Markham | 25.000<br>8.333<br>16.667<br>25.000<br>25.000 | Lots 3, Sec. 7-28N-11W   | 27.55           | 0.00072860             |
| 159                     | SF-078902-A<br>(2-1-48)          | MacArthur Foundation<br>Meridian Oil Production Inc.  | Meridian Oil Production Inc.<br>BHP Petroleum (Americas) Inc.                                      | 50.00<br>50.00                                | N/2 Sec. 9-27N-12W   | 320.00          | 0.00846285             |
| 160                     | SF--080111<br>(4-1-48)           | Meridian Oil Production Inc.  | Meridian Oil Production Inc.<br>BHP Petroleum (Americas) Inc.                                      | 50.00<br>50.00                                | Lots 3, 4, 5, SE/4 NW/4<br>Sec. 6-27N-12W  | 152.04          | 0.00402091             |

\* Average description is from surface to base of Basin Fruitland Coal formation.



| Unit Tract Number    | Serial No. & Date of Lease               | Record Owner  | Working Interest Ownership in Tract Owner                  | Percent        | Tract Description (*)  | No. of Acres | Tract Participation |
|----------------------|--|---|--|----------------|--|--------------|---------------------|
| <b>INDIAN LEASES</b> |  |   |  |                |  |              |                     |
| 37                   | I-149-Ind-8474 (5-29-50)                 | Wood Oil Co.  | Wood Oil Company   | 100.00         | Lots 1 & 2, S/2 SE/4 Sec. 9; N/2 Sec. 16-28N-12W             | 456.24       | 0.01206592          |
| 38                   | I-149-Ind--8475 (5-27-50)                | Texaco Exploration and Production                     | Texaco Exploration and Production                          | 100.00         | S/2 Sec. 16; NE/4, SW/4 Sec. 21-28N-12W                      | 640.00       | 0.01692571          |
| 39                   | I-149-Ind-8476 (5-27-50)                 | Texaco Exploration and Production                     | Texaco Exploration and Production                          | 100.00         | Lots 3, 4, E/2SW/4, SE/4 Sec. 19; S/2, NE/4 Sec. 20-28N-12W  | 792.62       | 0.02096196          |
| 40                   | I-149-Ind-8477 (5-27-50)                 | Texaco Exploration and Production                     | Texaco Exploration and Production                          | 100.00         | W/2 Sec. 29-28N-12W  | 320.00       | 0.00846285          |
| 41                   | I-149-Ind-8478 (5-27-50)                 | Texaco Exploration and Production                     | Texaco Exploration and Production                          | 100.00         | Lots 1, 2, E/2NW/4, NE/4, SE/4 Sec. 31-28N-12W               | 472.00       | 0.01248271          |
| 42                   | I-149-Ind-8470 (6-9-50)                  | Southland Royalty Company                             | Southland Royalty Company                                  | 100.00         | Lots 1,2,3,4, E/2NW/4, E/2SW/4, E/2 Sec. 30-28N-12W          | 624.60       | 0.01651843          |
| 43                   | I-149-Ind-8471 (6-9-50)                  | Amoco Production Company Meridian Oil Production Inc. | Meridian Oil Production Inc.                               | 100.00         | E/2 Sec. 25-28N-13W  | 320.00       | 0.00846285          |
| 45                   | I-149-Ind--8486 (5-29-50)                | Amoco Production Company Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc. Meridian Oil Production Inc. | 50.00<br>50.00 | SE/4 NE/4 Sec. 32; NE/4 NW/4, S/2 NW/4, SW/4 Sec. 33-29N-12W | 320.00       | 0.00846285          |
| 162                  | Ind. Pat. Allotment No. 059312 (5-27-50) | Texaco Exploration and Production                     | Texaco Exploration and Production                          | 100.00         | Lots 1,2, S/2 NE/4 Sec. 6-27N-12W                            | 159.88       | 0.00422825          |

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| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>                                      | <u>Working Interest Ownership in Tract Owner</u>              | <u>Percent</u> | <u>Tract Description (*)</u>  | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|--|---|----------------|---|---------------------|----------------------------|
| 46                       | E-2447<br>(2-10-49)                   | Texaco Exploration and Production                        | Meridian Oil Production Inc.                                  | 100.00         | Lot 2 Sec. 7-28N-11W  | 27.53               | 0.00072807                 |
| 46                       | E-2447<br>(2-10-49)                   | Texaco Exploration and Production                        | BHP Petroleum (Americas) Inc.                                 | 100.00         | E/2 NW/4, Lot 3, SE/4 SW/4, NW/4 SE/4 Sec. 18-28N-11W; SE/4 NW/4, NW/4 SE/4, S/2SE/4, Sec. 13-29N-12W     | 358.93              | 0.00949241                 |
| 46                       | E-2447<br>(2-10-49)                   | Texaco Exploration and Production                        | Texaco Exploration and Production                             | 100.00         | Lots 1, 2, 3, S/2 SE/4 Sec. 12-28N-12W; NE/4 SW/4 Sec. 16; NE/4SW/4, SW/4 SE/4, NE/4 NW/4 Sec. 36-29N-12W | 322.80              | 0.00853690                 |
| 46-A                     | F-2447<br>(2-10-49)                   | Amoco Production Company<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | SW/4 NE/4, NE/4 SW/4<br>Sec. 32-29N-12W; NW/4 NE/4<br>Sec. 36-29N-13W                                     | 120.00              | 0.00317357                 |
| 47                       | B-10870<br>(12-10-53)                 | Sun Operating Limited Partnership                        | BHP Petroleum (Americas) Inc.                                 | 100.00         | Lots 4, 5, Sec. 7; NW/4 NE/4, Lots 1, 2 Sec. 18-28N-11W; SE/4 SW/4 Sec. 16; NW/4SW/4 Sec. 36-29N-12W      | 263.24              | 0.00696176                 |
| 49                       | OG-1045<br>(7-16-57)                  | Amoco Production Company                                 | BHP Petroleum (Americas) Inc.                                 | 100.00         | SE/4 SW/4 Sec. 7-28N-11W  | 40.00               | 0.00105786                 |
| 50                       | OG-1045<br>(7-16-57)                  | Amoco Production Company                                 | Amoco Production Company                                      | 100.00         | SW/4 SE/4 Sec. 7-28N-11W  | 40.00               | 0.00105786                 |
| 51                       | F-397-2<br>(6-11-50)                  | Southland Royalty Company                                | Southland Royalty Company                                     | 100.00         | SW/4 NE/4 Sec. 18-28N-11W   | 40.00               | 0.00105786                 |
| 52                       | OG-1045<br>(7-16-57)                  | Amoco Production Company                                 | BHP Petroleum (Americas) Inc.                                 | 100.00         | NE/4 SW/4 Sec. 18-28N-11W   | 40.00               | 0.00105786                 |

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| <b>Unit Tract Number</b> | <b>Serial No. &amp; Date of Lease</b> | <b>Record Owner</b>                                      | <b>Working Interest Ownership in Tract Owner</b>              | <b>Percent</b> | <b>Tract Description (*)</b> | <b>No. of Acres</b> | <b>Tract Participation</b> |
|--------------------------|---------------------------------------|--|---|----------------|------------------------------|---------------------|----------------------------|
| 53                       | OG-1531<br>(11-19-57)                 | Amoco Production Company                                 | BHP Petroleum (Americas) Inc.                                 | 100.00         | Lot 4 Sec. 18-28N-11W        | 38.95               | 0.00103009                 |
| 54                       | E-284-15<br>(4-13-45)                 | Amoco Production Company                                 | BHP Petroleum (Americas) Inc.                                 | 100.00         | Lot 4 Sec. 12-28N-12W        | 27.60               | 0.00072992                 |
| 55                       | E-3151-3<br>(12-14-54)                | Amoco Production Company                                 | BHP Petroleum (Americas) Inc.                                 | 100.00         | SE/4 SW/4 Sec. 12-28N-12W    | 40.00               | 0.00105786                 |
| 56                       | E-1065-1<br>(1-7-51)                  | Texaco Exploration & Production                          | Texaco Exploration & Production                               | 100.00         | N/2 NE/4 Sec. 13-28N-12W     | 80.00               | 0.00211571                 |
| 57                       | B-11513-16<br>(10-2-44)               | Amoco Production Company                                 | BHP Petroleum (Americas) Inc.                                 | 100.00         | NE/4NW/4 Sec. 13-28N-12W     | 40.00               | 0.00105786                 |
| 58                       | E-3156-2<br>(12-15-49)                | Amoco Production Company                                 | Amoco Production Company                                      | 100.00         | S/2 NE/4 Sec. 13-28N-12W     | 80.00               | 0.00211571                 |
| 59                       | B-9145-36<br>(5-15-41)                | Amoco Production Company                                 | Amoco Production Company                                      | 100.00         | NE/4 SE/4 Sec. 13-28N-12W    | 40.00               | 0.00105786                 |
| 60                       | E-498-9<br>(8-10-51)                  | Sun Operating Limited Partnership                        | BHP Petroleum (Americas) Inc.                                 | 100.00         | SW/4SW/4 Sec. 16-29N-12W     | 40.00               | 0.00105786                 |
| 61                       | B-9145-35<br>(5-15-41)                | Amoco Production Company                                 | BHP Petroleum (Americas) Inc.                                 | 100.00         | NW/4 SW/4 Sec. 16-29N-12W    | 40.00               | 0.00105786                 |
| 62                       | E-5462<br>(8-10-51)                   | Sun Operating Limited Partnership                        | BHP Petroleum (Americas) Inc.                                 | 100.00         | NW/4 NW/4 Sec. 32-29N-12W    | 40.00               | 0.00105786                 |
| 63                       | E-5462<br>(8-10-51)                   | Sun Operating Limited Partnership                        | BHP Petroleum (Americas) Inc.                                 | 100.00         | SW/4 NW/4 Sec. 32-29N-12W    | 40.00               | 0.00105786                 |
| 64                       | B-10405-30<br>(6-24-43)               | Amoco Production Company<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | SE/4 NW/4 Sec. 32-29N-12W    | 40.00               | 0.00105786                 |

\* Acreage description is from surface to base of Basin Fruitland Coal formation.

| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>                        | <u>Working Interest Ownership in Tract Owner</u>               | <u>Percent</u> | <u>Tract Description (*)</u> | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|--|--|----------------|------------------------------|---------------------|----------------------------|
| 65                       | E-5462<br>(8-10-51)                   | Sun Operating Limited Partnership          | BHP Petroleum (Americas) Inc.                                  | 100.00         | NW/4 SW/4 Sec. 32-29N-12W    | 40.00               | 0.00105786                 |
| 66                       | E-5462<br>(8-10-51)                   | Sun Operating Limited Partnership          | BHP Petroleum (Americas) Inc.                                  | 100.00         | SE/4 SW/4 Sec. 32-29N-12W    | 40.00               | 0.00105786                 |
| 67                       | B-11318-10<br>(6-26-54)               | Amoco Production Company<br>Total Minatome | BHP Petroleum (Americas) Inc.<br>Total Minatome                | 56.25<br>43.75 | SW/4 SW/4 Sec. 32-29N-12W    | 40.00               | 0.00105786                 |
| 68                       | E-5462<br>(8-10-51)                   | Sun Operating Limited Partnership          | BHP Petroleum (Americas) Inc.                                  | 100.00         | NW/4 SE/4 Sec. 32-29N-12W    | 40.00               | 0.00105786                 |
| 69                       | E-2754-2<br>(7-8-49)                  | Amoco Production Company                   | BHP Petroleum (Americas) Inc.                                  | 100.00         | SW/4 SE/4 Sec. 32-29N-12W    | 40.00               | 0.00105786                 |
| 70                       | B-10405-62<br>(6-24-43)               | Amoco Production Company                   | BHP Petroleum (Americas) Inc.                                  | 100.00         | NE/4SE/4 Sec. 32-29N-12W     | 40.00               | 0.00105786                 |
| 71                       | B-10405-27<br>(6-24-53)               | Amoco Production Company<br>Total Minatome | BHP Petroleum (Americas) Inc.<br>Total Minatome                | 56.25<br>43.75 | SE/4 SE/4 Sec. 32-29N-12W    | 40.00               | 0.00105786                 |
| 72                       | B-10644-26<br>(9-10-43)               | Amoco Production Company                   | Amoco Production Company                                       | 100.00         | NE/4NE/4 Sec. 36-29N-12W     | 40.00               | 0.00105786                 |
| 73                       | B-10644-19<br>(9-10-53)               | Texaco Exploration & Production            | Texaco Exploration & Production                                | 100.00         | NW/4NE/4 Sec. 36-29N-12W     | 40.00               | 0.00105786                 |
| 74                       | B-11303-15<br>(6-10-54)               | Meridian Oil Production Inc.               | BHP Petroleum (Americas) Inc.                                  | 100.00         | NW/4 NW/4 Sec. 36-29W-12W    | 40.00               | 0.00105786                 |
| 75                       | E-5462-5<br>(8-10-51)                 | Meridian Oil Production Inc.               | BHP Petroleum (Americas) Inc.                                  | 100.00         | SW/4NW/4 Sec. 36-29N-12W     | 40.00               | 0.00105786                 |
| 76                       | B-10644-76<br>(9-10-53)               | Texaco Exploration & Production            | Texaco Exploration & Production<br>Williams Production Company | 82.00<br>18.00 | SE/4 NW/4 Sec. 36-29N-12W    | 40.00               | 0.00105786                 |

\* Acreage description is from surface to base of Basin Fruitland Coal formation.

| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>   | <u>Working Interest Ownership in Tract</u>  |  | <u>Tract Description (*)</u> | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|---|---|--|------------------------------|---------------------|----------------------------|
|                          |                                       |   | <u>Owner</u>  | <u>Percent</u>   |                              |                     |                            |
| 77                       | B-10644-9<br>(9-10-53)                | Meridian Oil Production Inc.  | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.   | 16.67<br>83.33   | S/2 NE/4 Sec. 36-29N-12W     | (80.00)             | 0.00000000                 |
| 78                       | B-9104-8<br>(4-30-51)                 | Amoco Production Company  | BHP Petroleum (Americas) Inc.   | 100.00   | S/2SW/4 Sec. 36-29N-12W      | 80.00               | 0.00211571                 |
| 78-A                     | B-9104-4<br>(4-30-51)                 | Meridian Oil Production Inc.  | Meridian Oil Production Inc.  | 100.00   | SE/4 NW/4 Sec. 36-29N-13W    | 40.00               | 0.00105786                 |
| 79                       | K-1277<br>(3-21-61)                   | Christmann Mineral Company<br>J.H. Herd<br>Jack Thornton<br>Rod Markham<br>Mannon Markham McMullen<br>Rosaling Redfern<br>Petroleum Synergy Group | Christmann Mineral Company<br>J.H. Herd<br>Jack Thornton<br>Rod Markham<br>Mannon Markham McMullen<br>Rosaling Redfern<br>Petroleum Synergy Group | 25.000<br>16.334<br>0.333<br>12.500<br>12.500<br>25.000<br>8.333 | NW/4 SE/4 Sec. 36-29N-12W    | (40.00)             | 0.00000000                 |
| 80                       | E-5462-5<br>(8-10-51)                 | Meridian Oil Production Inc.  | BHP Petroleum (Americas) Inc.   | 100.00   | NE/4 SE/4 Sec. 36-29N-12W    | 40.00               | 0.00105786                 |
| 81                       | E-5462-5<br>(8-10-51)                 | Meridian Oil Production Inc.  | BHP Petroleum (Americas) Inc.   | 100.00   | SE/4 SE/4 Sec. 36-29N-12W    | 40.00               | 0.00105786                 |
| 82                       | E-3374-1<br>(3-13-50)                 | Conoco Inc.   | BHP Petroleum (Americas) Inc.   | 100.00   | NE/4 NE/4 Sec. 36-29N-13W    | 40.00               | 0.00105786                 |
| 83                       | E-5462<br>(8-10-51)                   | Sun Operating Limited Partnership   | BHP Petroleum (Americas) Inc.   | 100.00   | NE/4 NW/4 Sec. 36-29N-13W    | 40.00               | 0.00105786                 |
| 84                       | B-11017-8<br>(2-18-54)                | Amoco Production Company<br>Total Minatome  | BHP Petroleum (Americas) Inc.<br>Total Minatome   | 56.25<br>43.75   | W/2 NW/4 Sec. 36-29N-13W     | 80.00               | 0.00211571                 |

\* Acreage description is from surface to base of Basin Fruitland Coal formation.

| Unit<br>Tract<br>Number | Serial No.<br>& Date of<br>Lease | Record Owner   | Working Interest Ownership in Tract                           |                | Tract<br>Description (*)  | No. of<br>Acres | Tract<br>Participation |
|-------------------------|----------------------------------|--|---|----------------|---------------------------|-----------------|------------------------|
|                         |                                  |  | Owner   | Percent        |                           |                 |                        |
| 85                      | E-331-9<br>(5-16-50)             | Amoco Production Company<br>Total Minatome               | BHP Petroleum (Americas) Inc.<br>Total Minatome               | 56.25<br>43.75 | NW/4 SW/4 Sec. 36-29N-13W | 40.00           | 0.00105786             |
| 86                      | E-5462<br>(8-10-51)              | Sun Operating Limited Partnership                        | BHP Petroleum (Americas) Inc.                                 | 100.00         | SE/4 NE/4 Sec. 36-29N-13W | 40.00           | 0.00105786             |
| 87                      | E-5462<br>(8-10-51)              | Sun Operating Limited Partnership                        | BHP Petroleum (Americas) Inc.                                 | 100.00         | SW/4 NE/4 Sec. 36-29N-13W | 40.00           | 0.00105786             |
| 88                      | E-5462<br>(8-10-51)              | Sun Operating Limited Partnership                        | BHP Petroleum (Americas) Inc.                                 | 100.00         | NE/4 SW/4 Sec. 36-29N-13W | 40.00           | 0.00105786             |
| 89                      | E-5462<br>(8-10-51)              | Sun Operating Limited Partnership                        | BHP Petroleum (Americas) Inc.                                 | 100.00         | NW/4 SE/4 Sec. 36-29N-13W | 40.00           | 0.00105786             |
| 90                      | B-11017-14<br>(2-18-54)          | Amoco Production Company<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | NE/4 SE/4 Sec. 36-29N-13W | 40.00           | 0.00105786             |
| 91                      | B-11017-15<br>(2-18-54)          | Amoco Production Company<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | SW/4 SW/4 Sec. 36-29N-13W | 40.00           | 0.00105786             |
| 92                      | B-11017-58<br>(2-18-54)          | BHP Petroleum (Americas) Inc.<br>Total Minatome          | BHP Petroleum (Americas) Inc.<br>Total Minatome               | 56.25<br>43.75 | SE/4 SW/4 Sec. 36-29N-13W | 40.00           | 0.00105786             |
| 93                      | B-11017-40<br>(2-18-54)          | Amoco Production Company                                 | BHP Petroleum (Americas) Inc.                                 | 100.00         | SW/4 SE/4 Sec. 36-29N-13W | 40.00           | 0.00105786             |
| 94                      | E-2526<br>(3-10-54)              | Chase Oil Corporation                                    | Chase Oil Corporation   | 100.00         | SE/4 SE/4 Sec. 36-29N-13W | 40.00           | 0.00105786             |

\* Acreage description is from surface to base of Basin Fruitland Coal formation.

| Unit Tract Number      | Serial No. & Date of Lease | Record Owner  | Working Interest Ownership in Tract Owner                     | Percent        | Tract Description (*)   | No. of Acres | Tract Participation |
|------------------------|----------------------------|---|---|----------------|---|--------------|---------------------|
| <b>PATENTED LEASES</b> |                            |   |   |                |   |              |                     |
| 95                     | (3-2-59)<br>(4-28-59)      | BHP Petroleum (Americas) Inc.                                 | BHP Petroleum (Americas) Inc.                                 | 100.00         | SE/4 NW/4, NE/4 SW/4, W/2SE/4 Sec. 13-29N-13W   | 160.00       | 0.00423143          |
| 96                     | (8-2-48)                   | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | NW/4NW/4 Sec. 13-29N-13W  | 40.00        | 0.00105786          |
| 97                     | (11-12-48)                 | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | NW/4SW/4 Sec. 13-29N-13W  | 40.00        | 0.00105786          |
| 98                     | (12-16-53)                 | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | E/107' SW/4NW/4 Sec-13-29N-13W  | 32.00        | 0.00084629          |
| 99                     | (11-29-48)                 | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | W/2SW/4SW/4 Sec. 13-29N-13W   | 20.00        | 0.00052893          |
| 100                    | (11-1-48)                  | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | E/2SW/4SW/4, SE/4SW/4 Sec. 13-29N-13W   | 60.00        | 0.00158679          |
| 101                    | (8-22-52)                  | Louise Locke  | Louise Locke  | 100.00         | Begin at a point on N. Line Sec. 23, 40 Rods E. from NW/C of the NE/4 of said Sec., Thence S. 746.8'; Thence E. 770'; Thence N. 746.8'; Thence W. 777' to place of beginning, all situated in Sec. 23-29N-13W | (12.00)      | 0.00000000          |
| 102                    | (2-20-47)                  | Louise Locke  | Louise Locke  | 100.00         | E/2 NE/4, SW/4 NE/4 and 13 acres in S. part of NW/4 NE/4 Sec. 23-29N-13W  | 133.00       | 0.000351737         |
| 103                    | (12-13-51)                 | BHP Petroleum (Americas) Inc.                                 | BHP Petroleum (Americas) Inc.                                 | 100.00         | N/2 SW/4 Sec. 23-29N-13W  | (80.00)      | 0.00000000          |

\* Acreage description is from surface to base of Basin Fruitland Coal formation.

| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>   | <u>Working Interest Ownership in Tract Owner</u>              | <u>Percent</u> | <u>Tract Description (*)</u>  | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|---|---|----------------|---|---------------------|----------------------------|
| 103-A                    | (12-13-51)                            | Louise Locke  | Louise Locke  | 100.00         | NW/4 Sec. 23-29N-13W  | (160.00)            | 0.00000000                 |
| 104                      | (4-21-56)                             | Louise Locke  | Louise Locke  | 100.00         | Begin at NW Cor. of the NE/4, Sec. 23, Thence S. 60 Rods, Thence E. 40 Rods, Thence N. 60 Rods, Thence W. 40 Rods, Thence W. 40 Rods to beginning All situated in Sec. 23-29N-13W | 15.00               | 0.000039670                |
| 105                      | (9-17-47)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | W 12 Ac. NW/4 NW/4<br>Sec. 24-29N-13W   | 12.00               | 0.000031736                |
| 106                      | (3-13-47)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | E/28 Ac. NW/4 NW/4<br>Except 2 Ac. on Eastern Edge<br>Sec. 24-29N-13W   | 26.00               | 0.000068761                |
| 106-A                    | (12-3-52)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | East/2 Ac. NW/4 NW/4 Sec. 24-29N-13W  | 2.00                | 0.000005289                |
| 107                      | (3-8-47)                              | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | NE/4 NW/4 Sec. 24-29N-13W<br>Except 16 1/2' on Eastern Edge   | 39.50               | 0.000104463                |
| 107-A                    | (Unleased)                            | Unleased  | Unleased  | 100.00         | 16 1/2' on Eastern Edge of NE/4 NW/4<br>Sec. 24-29N-13W   | (0.50)              | 0.000000000                |
| 108                      | (3-8-47)                              | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | S/2 NW/4, SW/4 NE/4, Except 3 Ac.<br>in NW corner, Sec. 24-29N-13W  | 117.00              | 0.000309423                |
| 108-A                    | (12-6-52)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | 3 Ac. in NW corner of SW/4 NW/4<br>Sec. 24-29N-13W  | 3.00                | 0.000007934                |

\* Acreage description is from surface to base of Basin Fruitland Coal formation.



| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>   | <u>Working Interest Ownership in Tract Owner</u>              | <u>Percent</u> | <u>Tract Description (*)</u>  | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|---|---|----------------|---|---------------------|----------------------------|
| 109                      | (10-3-56)                             | BHP Petroleum (Americas) Inc.                                 | BHP Petroleum (Americas) Inc.                                 | 100.00         | NW/4 NE/4 Except 1/2 Ac. Extreme SE Corner, Sec. 24-29N-13W   | 39.50               | 0.00104463                 |
| 110                      | (9-8-48)                              | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | E/2 NE/4 Except East 5 Ac. of SE/4 NE/4 Sec. 24-29N-13W   | 75.00               | 0.00198348                 |
| 111                      | (12-3-47)                             | Meridian Oil Production Inc.                                  | Meridian Oil Production Inc.                                  | 100.00         | 1/2 Ac. South of Public Rd. in SE Corner NW/4 NE/4 Sec. 24-29N-13W  | .50                 | 0.00001322                 |
| 112                      | (5-15-47)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | S/2 S/2 Sec. 24, N/2 N/2 Sec. 25-29N-13W; NW/4 NE/4, SE/4 NW/4, S/2 NE/4, Lot 1, NE/4 NW/4 Sec. 30; Lot 4 Sec. 19-29N-12W | 598.93              | 0.01583955                 |
| 113                      | (2-24-47)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | SW/4 NE/4 Sec. 25-29N-13W; W/2 SW/4, SE/4 SW/4 Sec. 29-29N-12W  | 160.00              | 0.00423143                 |
| 114                      | (2-11-47)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | SE/4 NE/4 Sec. 25-29N-13W; Lot 2; Lot 3, NE/4 SW/4 Sec. 30-29N-12W  | 159.12              | 0.00420815                 |
| 115                      | (1-9-56)                              | BHP Petroleum (Americas) Inc.                                 | BHP Petroleum (Americas) Inc.                                 | 100.00         | Lot 2, SE/4NW/4, NE/4 SW/4 Sec. 18-29N-12W  | 119.37              | 0.00315691                 |
| 116                      | (1-9-56)                              | BHP Petroleum (Americas) Inc.                                 | BHP Petroleum (Americas)                                      | 100.00         | W/2 SE/4 Sec. 18-29N-12W  | 80.00               | 0.00211571                 |
| 117                      | (8-17-48)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | SE/4 SE/4 Sec. 19, W/2 SW/4 SW/4 Sec. 20-29N-12W  | 60.00               | 0.00158679                 |

\* Acreage description is from surface to base of Basin Pruitland Coal formation.

| Unit Tract Number | Serial No. & Date of Lease | Record Owner  | Working Interest Ownership in Tract                           |                | Tract Description (*)  | No. of Acres | Tract Participation |
|-------------------|----------------------------|---|---|----------------|--|--------------|---------------------|
|                   |                            |   | Owner   | Percent        |  |              |                     |
| 118               | (5-8-47)<br>(8-1-46)       | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 75.00<br>25.00 | E:60 Ac. of E/2 SW/4<br>Sec. 19-29N-12W  | 60.00        | 0.00158679          |
| 119               | (9-17-47)                  | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | W 20 ac. E/2 SW/4<br>Sec. 19-29N-12W   | 20.00        | 0.00052893          |
| 120               | (2-8-47)                   | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | Lots 1 & 2, W/23.46 Ac.<br>of NW/4 SW/4 Sec. 19-29N-12W;<br>E/5 Ac. of SE/4 NE/4<br>Sec. 24-29N-13W            | 107.31       | 0.00283797          |
| 121               | (9-17-47)                  | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | East 15.99 Ac. of NW/4 SW/4<br>Sec. 19-29N-12W   | 15.99        | 0.00042288          |
| 122               | (2-12-51)                  | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | W/2 SE/4, SW/4 NE/4<br>Sec. 19-29N-12W   | 120.00       | 0.00317357          |
| 123               | (2-11-47)                  | Amoco Production<br>Meridian Oil Production Inc.              | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | SE/4 SE4, W/2 SE/4,<br>SE/4 SW/4 Sec. 30-29N-12W   | 160.00       | 0.00423143          |
| 124               | (10-13-52)                 | Amoco Production<br>Meridian Oil Production Inc.              | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | SW/4SW/4 Sec. 28; N/2<br>NE/4, NE4 NW/4 Sec. 32;<br>NW/4 SE/4, S/2 SE/4, Sec. 29;<br>NW/4 NW/4 Sec. 33-29N-12W | 320.00       | 0.00846285          |
| 125               | (8-17-48)                  | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | NE/4 Sec. 29;<br>SW/4SE/4 Sec. 20-29N-12W  | 200.00       | 0.00528928          |

\* Acreage description is from surface to base of Basin Fruitland Coal formation.

| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>   | <u>Working Interest Ownership in Tract Owner</u>  | <u>Percent</u>   | <u>Tract Description (*)</u>                                  | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|---|---|--|---|---------------------|----------------------------|
| 126                      | (1-31-47)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.   | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.   | 50.00<br>50.00   | NW/4 Sec. 29;<br>SE/4 SW/4 Sec.<br>20-29N-12W                 | 200.00              | 0.00528928                 |
| 127                      | (8-17-48)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.   | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.   | 50.00<br>50.00   | E/2 SW/4 SW/4<br>Sec.20-29N-12W                               | 20.00               | 0.00052893                 |
| 128                      | (12-16-48)                            | Amoco Production Company<br>Meridian Oil Production Inc.  | Amoco Production Company<br>Meridian Oil Production Inc.  | 50.00<br>50.00   | E/2 SE/4 Sec. 28; NW/4 SW/4,<br>W/2 SW/4 SW/4 Sec. 27-29N-12W | 70.00               | 0.00185125                 |
| 128                      | (5-25-59)                             | Christmann Mineral Company<br>Jack Markham<br>Rosalind Redfern<br>J.H. Herd<br>Jack Thornton<br>Petroleum Synergy Group | Christmann Mineral Company<br>Jack Markham<br>Rosalind Redfern<br>J.H. Herd<br>Jack Thornton<br>Petroleum Synergy Group | 25.000<br>25.000<br>25.000<br>16.334<br>1.000<br>8.166 | E/2 SE/4 Sec. 28; NW/4 SW/4,<br>W/2 SW/4 SW/4 Sec. 27-29N-12W | (70.00)             | 0.00000000                 |
| 129                      | (3-18-52)                             | Meridian Oil Production Inc.  | Meridian Oil Production Inc.  | 100.00   | S/2 NW/4, NW/4 NW/4,<br>NE/4 SW/4 Sec. 28-29N-12W             | 160.00              | 0.00423143                 |
| 130                      | (2-27-47)                             | Meridian Oil Production Inc.<br>BHP Petroleum (Americas) Inc.   | Meridian Oil Production Inc.<br>Amoco Production Company  | 50.00<br>50.00   | NW/4 SE/4<br>Sec. 28-29N-12W                                  | 40.00               | 0.00105786                 |
| 130                      | (2-27-47)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.   | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.   | 50.00<br>50.00   | S/2 NE/4 Sec. 28-29N-12W                                      | 80.00               | 0.00211571                 |
| 131                      | (2-27-61)                             | Amoco Production Company  | Amoco Production Company  | 100.00   | E/2 SW/4SW/4 Sec. 27-29N-12W                                  | 20.00               | 0.00052893                 |
| 132                      | (12-16-48)                            | Amoco Production Company<br>Meridian Oil Production Inc.  | Amoco Production Company<br>Meridian Oil Production Inc.  | 50.00<br>50.00   | SE/4SW/4 Sec. 27-29N-12W                                      | 40.00               | 0.00105786                 |

\* Acreage description is from surface to base of Basin Fruitland Coal formation.

| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>   | <u>Working Interest Ownership in Tract Owner</u>  | <u>Percent</u>   | <u>Tract Description (*)</u>                                     | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|---|---|--|--|---------------------|----------------------------|
| 133                      | (12-2-59)                             | Amoco Production Company  | Amoco Production Company  | 100.00   | NE/4 SW/4 Sec. 27-29N-12W  | 40.00               | 0.00105786                 |
| 134                      | (9-17-47)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.   | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.   | 50.00<br>50.00   | W/2SW/4SE/4 Sec.27-29N-12W                                       | 10.00               | 0.00026446                 |
| 134                      | (5-25-59)                             | Petroleum Synergy Group<br>Rosalind Redfern<br>J.H. Herd<br>Christmann Mineral Co.<br>Mannon Markham McMullen<br>Roderick Allen Markham<br>Jack D. Thornton | Petroleum Synergy Group<br>Rosalind Redfern<br>J.H. Herd<br>Christmann Mineral Co.<br>Mannon Markham McMullen<br>Roderick Allen Markham<br>Jack D. Thornton | 8.166<br>25.000<br>16.334<br>25.000<br>12.500<br>12.500<br>1.000 | W/2SW/4SE/4 Sec.27-29N-12W                                       | (10.00)             | 0.00000000                 |
| 135                      | (5-25-59)                             | Petroleum Synergy Group<br>Rosalind Redfern<br>J.H. Herd<br>Christmann Mineral Co.<br>Mannon Markham McMullen<br>Roderick Allen Markham<br>Jack D. Thornton | Petroleum Synergy Group<br>Rosalind Redfern<br>J.H. Herd<br>Christmann Mineral Co.<br>Mannon Markham McMullen<br>Roderick Allen Markham<br>Jack D. Thornton | 8.166<br>25.000<br>16.334<br>25.000<br>12.500<br>12.500<br>1.000 | E/2SW/4SE/4 Sec. 27; NW/4 NE/4,<br>E/2 NE/4 NE/4 Sec. 34-29N-12W | (80.00)             | 0.00000000                 |
| 136                      | (7-24-48)                             | BHP Petroleum (Americas) Inc.   | BHP Petroleum (Americas) Inc.   | 100.00   | W/2 SE/4 SE/4 Sec. 27; W/2<br>NE/4 NE/4 Sec. 34-29N-12W          | 40.00               | 0.00105786                 |
| 137                      | (10-20-61)                            | Texaco Exploration & Production   | Texaco Exploration & Production   | 100.00   | E/2 SE/4 SE/4 Sec. 27-29N-12W                                    | (20.00)             | 0.00000000                 |

\* Acreage description is from surface to base of Basin Fruitland Coal formation.

| Unit Tract Number | Serial No. & Date of Lease | Record Owner  | Working Interest Ownership in Tract Owner                     | Tract Description (*)  | No. of Acres | Tract Participation |
|-------------------|----------------------------|---|---|--|--------------|---------------------|
| 138               | (4-15-58)                  | Amoco Production Company                                      | Amoco Production Company                                      | S/2 NW/4, NW/4 NW/4<br>Sec. 27-29N-12W                             | 120.00       | 0.00317357          |
| 139               | (7-18-58)                  | BHP Petroleum (Americas) Inc.                                 | BHP Petroleum (Americas) Inc.                                 | SE/4 SW/4 Sec. 22;<br>NE/4NW/4<br>Sec. 27-29N-12W                  | 80.00        | 0.00211571          |
| 140               | (4-15-58)                  | BHP Petroleum (Americas) Inc.                                 | BHP Petroleum (Americas) Inc.                                 | SW/4SW/4 Sec. 22-29N-12W   | 40.00        | 0.00105786          |
| 141               | (9-24-47)                  | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | S/2 SE/4 Sec 22-29W-12W  | 80.00        | 0.00211571          |
| 142               | (1-31-47)                  | Meridian Oil Production Inc.<br>BHP Petroleum (Americas) Inc. | Meridian Oil Production Inc.<br>BHP Petroleum (Americas) Inc. | SE/4, NE/4 SW/4 Sec. 34;<br>SW/4 NW/4, W/2 SW/4<br>Sec. 35-29N-12W | 320.00       | 0.00846285          |
| 143               | (6-28-48)                  | Meridian Oil Production Inc.<br>BHP Petroleum (Americas) Inc. | Meridian Oil Production Inc.<br>BHP Petroleum (Americas) Inc. | S/2 N/2 Sec. 34-29W-12W  | 160.00       | 0.00423143          |
| 144               | (3-12-47)                  | Meridian Oil Production Inc.<br>BHP Petroleum (Americas) Inc. | Meridian Oil Production Inc.<br>BHP Petroleum (Americas) Inc. | N/2 NE/4 Sec. 33;<br>N/2 NW/4<br>Sec. 34-29N-12W                   | 160.00       | 0.00423143          |
| 145               | (3-12-47)                  | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | W/2 NE/4, E/2 NW/4<br>Sec. 35-29N-12W                              | 160.00       | 0.00423143          |
| 146               | (1-31-47)                  | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | E/2 NE/4, SE/4, E/2 SW/4<br>Sec. 35-29N-12W                        | 320.00       | 0.00846285          |
| 147               | (1-30-47)                  | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | NE/4 SE/4 Sec. 26-29N-12W  | 20.00        | 0.00052893          |

\* Acreage description is from surface to base of Basin Fruitland Coal formation.

| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>  | <u>Working Interest Ownership in Tract Owner</u>   | <u>Percent</u>   | <u>Tract Description (*)</u>                                      | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|--|--|--|---|---------------------|----------------------------|
| 147                      | (10-23-47)                            | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.  | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.  | 50.00<br>50.00   | NE/4 SE/4 Sec. 26-29N-12W   | 20.00               | 0.00052893                 |
| 148                      | (10-23-47)                            | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.  | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.  | 50.00<br>50.00   | SE/4SE/4 Sec. 26-29N-12W  | 20.00               | 0.00052893                 |
| 148                      | (5-25-59)                             | Christmann Mineral Co.<br>Jack Markham<br>Rosaling Redfern<br>J. H. Herd<br>John Thornton<br>Petroleum Synergy Group | Christmann Mineral Co.<br>Jack Markham<br>Rosaling Redfern<br>J. H. Herd<br>John Thornton<br>Petroleum Synergy Group | 25.000<br>25.000<br>25.000<br>16.333<br>1.000<br>8.167 | SE/4 SE/4 Sec. 26-29N-12W   | (20.00)             | 0.00000000                 |
| 149                      | (1-30-47)                             | Meridian Oil Production Inc.<br>BHP Petroleum (Americas) Inc.  | Meridian Oil Production Inc.<br>BHP Petroleum (Americas) Inc.  | 50.00<br>50.00   | NE/4, E/2 NW/4, SW/4 NW/4,<br>N/2 SW/4 Sec. 26-29N-12W            | 360.00              | 0.00952071                 |
| 150                      | (3-12-47)                             | Amoco Production Company<br>Meridian Oil Production Inc.   | Amoco Production Company<br>Meridian Oil Production Inc.   | 50.00<br>50.00   | SW/4SE/4, NE/4NW/4<br>Sec. 25-29N-12W                             | 80.00               | 0.00211571                 |
| 151                      | (12-4-48)                             | Amoco Production Company<br>Meridian Oil Production Inc.   | Amoco Production Company<br>Meridian Oil Production Inc.   | 50.00<br>50.00   | S. 3/4 NW/4 SE/4<br>less 20' strip= .4545 acre<br>Sec. 25-29N-12W | 30.00               | 0.00079339                 |
| 152                      | (1-30-47)                             | Amoco Production Company<br>Meridian Oil Production Inc.   | Amoco Production Company<br>Meridian Oil Production Inc.   | 50.00<br>50.00   | W/2 NW/4 Sec 25-29N-12W   | 80.00               | 0.00211571                 |
| 152                      | (1-30-47)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.  | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc.  | 50.00<br>50.00   | N/2 SW/4<br>Sec. 25-29N-12W                                       | 80.00               | 0.00211571                 |

\* Acreage description is from surface to base of Basin Fruitland Coal formation.

| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>   | <u>Working Interest Ownership in Tract Owner</u>   | <u>Percent</u>   | <u>Tract Description (*)</u>  | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|---|--|--|---|---------------------|----------------------------|
| 153                      | (5-25-59)                             | Christmann Minerals Co.<br>Jack Markham<br>Rosaling Redfern, a widow<br>J.H. Herd<br>Jack Thornton<br>Petroleum Synergy Group | Christmann Minerals Co.<br>Jack Markham<br>Rosaling Redfern, a widow<br>J.H. Herd<br>Jack Thornton<br>Petroleum Synergy Group Inc. | 25.000<br>25.000<br>25.000<br>16.334<br>1.000<br>8.166 | SE/4 NW/4, S/2 SW/4<br>Sec. 25-29N-12W                                    | (120.00)            | 0.00000000                 |
| 154                      | (4-16-58)                             | Amoco Production Company  | Amoco Production Company   | 100.00   | S/74 Ac. E/2 SE/4<br>Sec. 25-29N-12W                                      | 74.00               | 0.00195704                 |
| 155                      | (Not Leased)                          | Patricia Kavestrand   | Patricia Kavestrand  | 100.00   | W/249' SW/4NW/4<br>Sec. 13-29N-13W  | 8.00                | 0.00021157                 |
| 156                      | (10-25-58)                            | Amoco Production Company  | Amoco Production Company   | 100.00   | N.10 Ac. NW/4 SE/4<br>less 20' strip off of West<br>side, Sec. 25-29N-12W | (10.00)             | 0.00000000                 |
| 157                      | (4-16-58)                             | BHP Petroleum (Americas) Inc.   | BHP Petroleum (Americas) Inc.  | 100.00   | N.6 Ac. E/2 SE/4<br>Sec. 25-29N-12W                                       | 6.00                | 0.00015868                 |
| 164                      | (5-10-51)                             | Louise Locke  | Louise Locke   | 100.00   | Lots 3 & 4,<br>S/2 NW/4 Sec. 5-27N-12W                                    | (159.94)            | 0.00000000                 |

\* Acreage description is from surface to base of Basin Fruitland Coal formation.

SCHEDULE OF OWNERSHIP  
 GALLEGOS CANYON UNIT  
 R E C A P I T U L A T I O N  
 (REVISED)

INITIAL BASIN FRUITLAND COAL PARTICIPATING AREA  
 AS OF MAY 1, 1995

| <u>Lands</u>         | <u>Total Acreage</u> | <u>Committed Acreage</u> | <u>Participation Percent</u> |
|----------------------|----------------------|--------------------------|------------------------------|
| Total Federal Lands  | 24,872.47            | 24,734.69                | 65.4144                      |
| Total Indian Lands   | 4,105.34             | 4,105.34                 | 10.8572                      |
| Total State Lands    | 3,159.05             | 3,039.05                 | 8.0372                       |
| Total Patented Lands | <u>6,675.66</u>      | <u>5,933.22</u>          | <u>15.6912</u>               |
| TOTAL                | 38,812.52            | 37,812.30                | 100.0000                     |

NOTE: Acreage in parenthesis ( ) is not committed to the Unit.

\*Acreage is from surface to the base of the Basin Fruitland Coal formation.



**EXHIBIT "B"**  
**REVISED**

**FIFTH ENLARGEMENT OF THE FRUITLAND PARTICIPATING AREA "C"**  
**GALLEGOS CANYON UNIT, SAN JUAN COUNTY, NEW MEXICO**  
**AS OF**  
**MAY 1, 1995**

| <u>Unit Tract Number</u>    | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>                                      | <u>Working Interest Owner in Tract Owner</u>                  | <u>Percent</u> | <u>Tract Description (*)</u>                                     | <u>No. of Acres</u> | <u>Tract Participation</u> |
|-----------------------------|---------------------------------------|--|---|----------------|--|---------------------|----------------------------|
| <b><u>FEDERAL LANDS</u></b> |                                       |  |   |                |  |                     |                            |
| 9                           | SF-078106<br>(12-1-47)                | Meridian Minerals Co.                                    | BHP Petroleum (Americas)                                      | 100.00         | NW/4, E/2 Sec. 15-28N-12W  | 480.00              | .33137960                  |
| 10                          | SF-078109<br>(2-1-48)                 | Sun Operating Ltd. Partnership                           | BHP Petroleum (Americas) Inc.                                 | 100.00         | Lots 3, 4, S/2SW/4 Sec. 9;<br>Lots 3, 4, S/2SW/4 Sec. 10-28N-12W | 272.25              | .18795440                  |
| 20                          | SF-078905<br>(7-1-48)                 | Amoco Production Company<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | NW/4 Sec. 14-28N-12W   | 160.00              | .11045990                  |
| <b><u>INDIAN LEASES</u></b> |                                       |  |   |                |  |                     |                            |
| 37                          | 1-149-<br>Ind-8474<br>(5-29-50)       | Wood Oil Co.   | Wood Oil Company  | 100.00         | Lots 1 & 2, S/2 SE/4 Sec. 9;<br>NE/4 Sec. 16-28N-12W             | 296.24              | .20451640                  |
| 45                          | 1-149-<br>Ind-8486<br>(5-29-50)       | Amoco Production Company<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | SW/4 Sec. 33-29N-12W   | 160.00              | .11045990                  |

\* Descriptions describe only the Fruitland Sand Formation.

| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>                        | <u>Working Interest Ownership in Tract Owner</u> | <u>Percent</u> | <u>Tract Description (*)</u> | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|--|--|----------------|------------------------------|---------------------|----------------------------|
| 69                       | E-2754-2<br>(7-8-49)                  | Amoco Production Company                   | BHP Petroleum (Americas) Inc.                    | 100.00         | SW/4 SE/4 Sec. 32-29N-12W    | 40.00               | .02761490                  |
| 71                       | B-10405-27<br>(6-24-53)               | Amoco Production Company<br>Total Minatome | BHP Petroleum (Americas) Inc.<br>Total Minatome  | 56.25<br>43.75 | SE/4 SE/4 Sec. 32-29N-12W    | 40.00               | .02761490                  |

**STATE LEASES**

\* Descriptions describe only the Fruitland Sand Formation .

SCHEDULE OF OWNERSHIP  
GALLEGOS CANYON UNIT

RECAPITULATION  
REVISED

FIRST ENLARGEMENT OF FRUITLAND PARTICIPATING AREA "C"

AS OF MAY 1, 1995

| <u>Lands</u>        | <u>Total Acreage</u> | <u>Committed Acreage</u> | <u>Participation Percent</u> |
|---------------------|----------------------|--------------------------|------------------------------|
| Total Federal Lands | 912.25               | 912.25                   | 62.9794                      |
| Total Indian Lands  | 456.24               | 456.24                   | 31.4976                      |
| Total State Lands   | <u>80.00</u>         | <u>80.00</u>             | <u>5.5230</u>                |
| TOTAL               | 1,448.49             | 1,448.49                 | 100.0000                     |

**EXHIBIT "B"**  
**REVISED**

**THIRD ENLARGEMENT FRUITLAND PARTICIPATING AREA "A"**  
**GALLEGOS CANYON UNIT, SAN JUAN COUNTY, NEW MEXICO**  
**AS OF**  
**MAY 1, 1995**

| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>  | <u>Working Interest Ownership in Tract Owner</u>   | <u>Percent</u>  | <u>Tract Description (*)</u>   | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|--|--|---|--|---------------------|----------------------------|
| <b>FEDERAL LEASES</b>    |                                       |  |  |   |  |                     |                            |
| 2                        | SF-047019-B<br>(03/06/36)             | Meridian Oil Production Inc.   | Meridian Oil Production Inc.   | 100.000   | SE/4NE/4, SW/4SE/4 Sec. 18-28N-11W   | 80.00               | .06271170                  |
| 15                       | SF-078780<br>(3-1-51)                 | John J. Redfern, Jr. - 33.3333%<br>J.H. Herd - 16.667%<br>John J. Christmann - 25.0000%<br>Jack Markham - 25.0000% | Christmann Mineral Company<br>Rosaland Redfern<br>J.H. Herd<br>Roderick Markham<br>Manon Markham McMullen<br>Petroleum Synergy Group | 25.000<br>25.000<br>16.667<br>12.500<br>12.500<br>8.333 | N/E/4NE/4, E/2SE/4 Sec. 18-28N-12W   | 120.00              | .09406750                  |
| 20                       | SF-078905<br>(7-1-48)                 | Amoco Production Company - 50.000%<br>Meridian Oil Production Inc. - 50.000%                                       | Amoco Production Company<br>Meridian Oil Production Inc.   | 50.000<br>50.000  | W/2NW/4, SW/4 Sec. 13-28N-12W  | 240.00              | .18813490                  |
| <b>STATE LEASES</b>      |                                       |  |  |   |  |                     |                            |
| 46                       | E-2447<br>(2-10-49)                   | Texaco Exploration and Production  | Amoco Production Company   | 100.00  | W/2SE/4, SE/4SE/4, SE/4NW/4<br>Sec. 13-28N-12W; Lot 3, SE/4 SW/4,<br>E/2NW/4, NW/4SE/4 Sec. 18-28N-11W | 278.93              | .28136370                  |

\*Descriptions describe only the Fruitland Sand Formation.

| <b>Unit Tract Number</b> | <b>Serial No. &amp; Date of Lease</b> | <b>Record Owner</b>               | <b>Working Interest Ownership in Tract Owner</b> | <b>Tract Percent</b> | <b>Tract Description (*)</b>         | <b>No. of Acres</b> | <b>Tract Participation</b> |
|--------------------------|---------------------------------------|-----------------------------------|--|----------------------|--------------------------------------|---------------------|----------------------------|
| 47                       | B-10870<br>(12-10-53)                 | Sun Operating Limited Partnership | BHP Petroleum (Americas) Inc.                    | 100.00               | NW/4 NE/4, Lots 1, 2 Sec. 18-28N-11W | 117.80              | .09234290                  |
| 51                       | E-397-2<br>(6-11-50)                  | Southland Royalty Company         | Southland Royalty Company                        | 100.00               | SW/4 NE/4 Sec. 18-28N-11W            | 40.00               | .03135580                  |
| 52                       | OG-1045<br>(7-16-57)                  | Amoco Production Company          | Amoco Production Company                         | 100.00               | NE4 SW/4 Sec. 18-28N-11W             | 40.00               | .03135580                  |
| 53                       | OG-1531<br>(11-19-57)                 | Amoco Production Company          | Amoco Production Company                         | 100.00               | Lot 4 Sec. 18-28N-11W                | 38.95               | .03053270                  |
| 56                       | E-1065-1<br>(1-7-51)                  | Texaco Exploration & Production   | Texaco Exploration & Production                  | 100.00               | N/2 NE/4 Sec. 13-28N-12W             | 80.00               | .06271170                  |
| 57                       | B-11513-16<br>(10-2-44)               | Amoco Production Company          | Amoco Production Company                         | 100.00               | NE/4NW/4 Sec. 13-28N-12W             | 40.00               | .03135580                  |
| 58                       | E-3156-2<br>(12-15-49)                | Amoco Production Company          | Amoco Production Company                         | 100.00               | S/2 NE/4 Sec. 13-28N-12W             | 80.00               | .06271170                  |
| 59                       | B-9145-36<br>(5-15-41)                | Amoco Production Company          | Amoco Production Company                         | 100.00               | NE/4 SE/4 Sec. 13-28N-12W            | 40.00               | .03135580                  |

\* Descriptions describe only the Fruitland Sand Formation.

SCHEDULE OF OWNERSHIP  
GALLEGOS CANYON UNIT

RECAPITULATION  
REVISED

THIRD ENLARGEMENT OF FRUITLAND PARTICIPATING AREA "A"  
AS OF MAY 1, 1995

| <u>Lands</u>        | <u>Total Acreage</u> | <u>Committed Acreage</u> | <u>Participation Percent</u> |
|---------------------|----------------------|--------------------------|------------------------------|
| Total Federal Lands | 440.00               | 440.00                   | 34.49141                     |
| Total State Lands   | <u>835.68</u>        | <u>835.68</u>            | <u>65.50859</u>              |
| TOTAL               | 1,275.68             | 1,275.68                 | 100.00000                    |

EXHIBIT "B"  
REVISED

FIRST ENLARGED FRUITLAND PARTICIPATING AREA "B"  
GALLEGOS CANYON UNIT, SAN JUAN COUNTY, NEW MEXICO  
AS OF  
MAY 1, 1995

| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>  | <u>Working Interest Ownership in Tract Owner</u>  | <u>Percent</u>  | <u>Tract Description (*)</u> |
|--------------------------|---------------------------------------|--|---|---|------------------------------|
| <b>FEDERAL LANDS</b>     |                                       |  |   |   |                              |
| 22                       | SF-078949<br>(2-1-48)                 | Earl Hanson - 45.00<br>Paul Slayton - 45.00<br>MMH Trust - 10.00 | Arley P. Geniusz and Norbert<br>Geniusz, Trustees of the Arley P.<br>Geniusz Trust<br>E.H. Weig, Trustee of the Weig<br>Family Trust<br>Paul Slayton<br>Margaret M. Hodges, Trustee of the<br>MMH Trust | 22.50<br><br><br>22.50<br><br>45.00<br>10.00            | NW/4NE/4 Sec. 19-29N-12      |
| 34                       | SF-080723<br>(1-1-50)                 | Amoco Production Company   | Donald S. Fulsaa<br>Marilyn A. Fulsaa<br>Richard M. Fulsaa<br>Donald S. Fulsaa, Exec.<br>of the Estate of Russell Fulsaa<br>Johnson Family Royalty<br>Dorothy E. Mengotto<br>The Johnson Trust          | 7.50<br>7.50<br>7.50<br>7.50<br>25.00<br>22.50<br>22.50 | Lots 5, 6, and 7 Sec. 19-29N |

\* Descriptions describe only the Fruitland Sand Formation.

| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>   | <u>Working Interest Ownership in Tract Owner</u>              | <u>Percent</u> | <u>Tract Description (*)</u>           | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|---|---|----------------|--|---------------------|----------------------------|
| 117                      | (8-17-48)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | SE/4SE/4 Sec. 19-29N-12W               | 40.00               | .12633840                  |
| 122                      | (2-12-51)                             | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | BHP Petroleum (Americas) Inc.<br>Meridian Oil Production Inc. | 50.00<br>50.00 | W/2 SE/4, SW/4 NE/4<br>Sec. 19-29N-12W | 120.00              | .37901519                  |

**PATENTED LEASES**

\* Descriptions describe only the Fruitland Sand Formation.



SCHEDULE OF OWNERSHIP  
GALLEGOS CANYON UNIT

RECAPITULATION  
REVISED

**FIRST ENLARGED FRUITLAND PARTICIPATING AREA "B"**  
**AS OF MAY 1, 1995**

| <u>Lands</u>         | <u>Total Acreage</u> | <u>Committed Acreage</u> | <u>Participation Percent</u> |
|----------------------|----------------------|--------------------------|------------------------------|
| Total Federal Lands  | 156.61               | 156.61                   | 49.464641                    |
| Total Patented Lands | <u>160.00</u>        | <u>160.00</u>            | <u>50.535359</u>             |
| TOTAL                | 316.61               | 316.61                   | 100.000000                   |



RECEIVED  
DIVISION  
195 AUG 14 11 8 52

State of New Mexico  
Commissioner of Public Lands

310 OLD SANTA FE TRAIL P.O. BOX 1148

SANTA FE, NEW MEXICO 87504-1148

RAY POWELL, M.S., D.V.M.  
COMMISSIONER

(505) 827-5760  
FAX (505) 827-5766

August 16, 1995

BHP Petroleum Americas Inc.  
1360 Post Oak Boulevard Suite 500  
Houston, Texas 77056-3020

Attn: Mr. Robert J. McNeil

Re: Application For Fifth Enlargement  
of the Pictured Cliffs Participating Area  
Gallegos Canyon Unit  
San Juan County, New Mexico

Dear Mr. McNeil:

This office is in receipt of your letter of May 22, 1995 requesting approval of the Fifth expansion to the Pictured Cliffs Participating Area in the Gallegos Canyon Unit, San Juan County, New Mexico.

The Bureau of Land Management has advised this office of their approval to this expansion by their letter of July 24, 1995.

Please be advised that the Commissioner of Public Lands concurs with the Bureau of Land Management and has this date approved the expansion of the above mentioned participating area effective December 1, 1990.

The following lands are to be added to the Fifth Expansion of the Pictured Cliffs Participating Area:

Township 28 North, Range 11 West

Section 7: All  
Section 18: All  
Section 19: All

Township 28 North, Range 12 West

Section 11: E/2  
Section 12: All  
Section 13: All

BHP Petroleum Americas, Inc.  
August 16, 1995  
Page 2

Township 29 North, Range 12 West

Section 16: SW/4  
Section 17: All  
Section 18: All  
Section 20: N/2  
Section 21: All  
Section 22: NW/4, S/2  
Section 25: NW/4, S/2  
Section 26: All  
Section 27: All  
Section 28: All  
Section 34: All  
Section 35: All  
Section 36: All

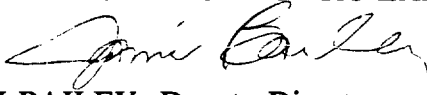
Township 29 North, Range 13 West

Section 13: All  
Section 23: All

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, Deputy Director  
Oil, Gas and Minerals Division  
(505) 827-5745

RP/JB/pm

cc: Reader File  
OCD-Attn: Mr. Roy Johnson  
TRD-Attn: Mr. Valdean Severson  
BLM Farmington - Attn: Mr. Duane Spencer  
Commissioner's Correspondence



August 15, 1995

Department of Interior  
Bureau of Land Management  
P.O. Box 1449  
Santa Fe, NM 87504

Department of Interior  
Bureau of Land Management  
Office of District Engineering  
1235 La Plata Highway  
Farmington, NM 87401

Americas Division  
**BHP Petroleum**

New Mexico State Land Office  
Oil & Gas Development  
P.O. Box 1148  
Santa Fe, NM 87504-1148

State of New Mexico  
Oil Conservation Commission  
P.O. Box 2088  
Santa Fe, NM 87504

**RE: APPLICATION FOR INITIAL BASIN  
FRUITLAND COAL PARTICIPATING AREA  
GALLEGOS CANYON UNIT (I-Sec. No. 844)  
SAN JUAN COUNTY, NEW MEXICO**

Gentlemen:

BHP Petroleum (Americas) Inc. (BHP), as Sub-Operator of the Gallegos Canyon Unit, and pursuant to Section 10 of the November 1, 1950 Unit Agreement (I-Sec. No. 844) submits for your approval the following described lands as tracts to become part of the Initial Basin Fruitland Coal Participating Area, to wit:

**TOWNSHIP 27 NORTH, RANGE 12 WEST**

Section 4: All

Section 5: N/2

Section 6: N/2

Section 9: N/2

**TOWNSHIP 28 NORTH, RANGE 11 WEST**

Sections 7, 18, 19: All

Section 31: S/2

**TOWNSHIP 28 NORTH, RANGE 12 WEST**

Sections 7 - 36: All

**TOWNSHIP 28 NORTH, RANGE 13 WEST**

Section 11: E/2

Sections 12, 13, 24: All

Section 14: E/2

Section 25: E/2

Section 36: E/2

INITIAL BASIN FRUITLAND COAL PA

AUGUST 15, 1995

TOWNSHIP 29 NORTH, RANGE 12 WEST

Sections 16: SW/4

Section 17 - 21: All

Section 22: NW/4, S/2

Section 25: NW/4, S/2

Section 26 - 36: All

TOWNSHIP 29 NORTH, RANGE 13 WEST

Section 13: All

Sections 23 - 26: All

Section 35, 36: All

In support of this application, the following items are attached and made a part hereof:

(1) A map showing thereon all the Fruitland wells drilled within the Unit to date. Wells which have received paying well determinations (46) are highlighted in red and wells that have had paying well applications submitted but are waiting on approvals are highlighted in yellow.

(2) A schedule showing the lands entitled to participation in the unitized substances produced from the Basin Fruitland Coal Formation, with the percentage of participation of each lease or tract indicated thereon. (Proposed Exhibit "B") Because of the resurvey of several Federal tracts and the resulting revision of acreage totals, we have prepared two Exhibit "B"s. One Exhibit "B" will be used from the effective date of the proposed Initial Basin Fruitland Coal Participating Area to May 1, 1995 and the other Exhibit "B" will be used from May 1, 1995 forward. Note that the proposed Exhibit "B"s cover exactly the same tracts that were covered by the Fifth Enlargement of the Pictured Cliffs PA. The only change in ownership is on a portion of Tract 46 where BHP replaces Texaco as owner of the Fruitland Coal rights.

(3) A Geologic Evaluation report of the Gallegos Canyon Unit with accommodating data supporting and justifying the proposed selection of lands for inclusion in the Initial Basin Fruitland Coal Participating Area, including:

- (a) A series of Stratigraphic Cross Section maps for the Basin Fruitland Coal formation.
- (B) A set of maps depicting the following:
  1. Pictured Cliffs: Structural Top
  2. Fruitland Coal Well Tests: July, 1995
  3. Cumulative Fruitland Coal Production as of June 1, 1995
  4. First Coal Bed Overlying Pictured Cliffs Net Isopach

**INITIAL BASIN FRUITLAND COAL PA**

**AUGUST 15, 1995**

(4) Well status report giving information on each of the wells drilled within the area proposed for the participating area.

(5) Paying Well Application approvals from the BLM and the State of New Mexico for all 46 wells that have received paying well designations from the BLM.

This proposed Initial Basin Fruitland Coal Participating Area is predicated on the knowledge and information obtained from the various wells drilled within the proposed area. In addition to the Fruitland Coal wells drilled, BHP has had numerous Fruitland Coal penetrations from other non-Fruitland Coal wells within the unit. BHP respectfully requests that the BLM and the State of New Mexico approve the selection of these lands to constitute the Initial Basin Fruitland Coal Participating Area. In accordance with Section 10 of the Unit Agreement, BHP proposes that the effective date of the enlargement be May 1, 1990, being the first day of the month following the completion of the GCU #377. The GCU #377 was completed on April 19, 1990 and was the first Basin Fruitland Coal producing well within the proposed participating area.

Should you need any additional information to make your decision, please do not hesitate to contact us.

Very truly yours,

**BHP PETROLEUM (AMERICAS) INC.**



Dwight Pickle  
Senior Landman

DPP/dpp



8-30-95  
D-unit letter  
TKR  
Ky

August 15, 1995

Department of Interior  
Bureau of Land Management  
P.O. Box 1449  
Santa Fe, NM 87504

✓ Department of Interior  
Bureau of Land Management  
Office of District Engineering  
1235 La Plata Highway  
Farmington, NM 87401

Americas Division  
**BHP Petroleum**

New Mexico State Land Office  
Oil & Gas Development  
P.O. Box 1148  
Santa Fe, NM 87504-1148

State of New Mexico  
Oil Conservation Commission  
P.O. Box 2088  
Santa Fe, NM 87504

**RE: APPLICATION FOR INITIAL BASIN  
FRUITLAND COAL PARTICIPATING AREA  
GALLEGOS CANYON UNIT (I-Sec. No. 844)  
SAN JUAN COUNTY, NEW MEXICO**

Gentlemen:

BHP Petroleum (Americas) Inc. (BHP), as Sub-Operator of the Gallegos Canyon Unit, and pursuant to Section 10 of the November 1, 1950 Unit Agreement (I-Sec. No. 844) submits for your approval the following described lands as tracts to become part of the Initial Basin Fruitland Coal Participating Area, to wit:

**TOWNSHIP 28 NORTH, RANGE 11 WEST**

- Section 7: All
- Section 18: All
- Section 19: All

**TOWNSHIP 28 NORTH, RANGE 12 WEST**

- Section 11: E/2
- Section 12: All
- Section 13: All

**TOWNSHIP 29 NORTH, RANGE 12 WEST**

- Section 16: SW/4
- Section 17: All
- Section 18: All
- Section 20: N/2
- Section 21: All

INITIAL BASIN FRUITLAND COAL PA

AUGUST 15, 1995

TOWNSHIP 29 NORTH, RANGE 12 WEST (CONTINUED)

Section 22: NW/4, S/2

Section 25: NW/4, S/2

Section 26: All

Section 27: All

Section 28: All

Section 34: All

Section 35: All

Section 36: All

TOWNSHIP 29 NORTH, RANGE 13 WEST

Section 13: All

Section 23: All

In support of this application, the following items are attached and made a part hereof:

(1) A map showing thereon all the Fruitland wells drilled within the Unit to date. Wells which have received paying well determinations (46) are highlighted in red and wells that have had paying well applications submitted but are waiting on approvals are highlighted in yellow.

(2) A schedule showing the lands entitled to participation in the unitized substances produced from the Basin Fruitland Coal Formation, with the percentage of participation of each lease or tract indicated thereon. (Proposed Exhibit "B") Because of the resurvey of several Federal tracts and the resulting revision of acreage totals, we have prepared two Exhibit "B"s. One Exhibit "B" will be used from the effective date of the proposed Initial Basin Fruitland Coal Participating Area to May 1, 1995 and the other Exhibit "B" will be used from May 1, 1995 forward. Note that the proposed Exhibit "B"s cover exactly the same tracts that were covered by the Fifth Enlargement of the Pictured Cliffs PA. The only change in ownership is on a portion of Tract 46 where BHP replaces Texaco as owner of the Fruitland Coal rights.

(3) A Geologic Evaluation report of the Gallegos Canyon Unit with accommodating data supporting and justifying the proposed selection of lands for inclusion in the Initial Basin Fruitland Coal Participating Area, including:

- (a) A series of Stratigraphic Cross Section maps for the Basin Fruitland Coal formation.
- (B) A set of maps depicting the following:
  1. Pictured Cliffs: Structural Top
  2. Fruitland Coal Well Tests: July, 1995
  3. Cumulative Fruitland Coal Production as of June 1, 1995
  4. First Coal Bed Overlying Pictured Cliffs Net Isopach



**INITIAL BASIN FRUITLAND COAL PA**

**AUGUST 15, 1995**

(4) Well status report giving information on each of the wells drilled within the area proposed for the participating area.


(5) Paying Well Application approvals from the BLM and the State of New Mexico for all 46 wells that have received paying well designations from the BLM.

This proposed Initial Basin Fruitland Coal Participating Area is predicated on the knowledge and information obtained from the various wells drilled within the proposed area. In addition to the Fruitland Coal wells drilled, BHP has had numerous Fruitland Coal penetrations from other non-Fruitland Coal wells within the unit. BHP respectfully requests that the BLM and the State of New Mexico approve the selection of these lands to constitute the Initial Basin Fruitland Coal Participating Area. In accordance with Section 10 of the Unit Agreement, BHP proposes that the effective date of the enlargement be May 1, 1990, being the first day of the month following the completion of the GCU #377. The GCU #377 was completed on April 19, 1990 and was the first Basin Fruitland Coal producing well within the proposed participating area.

Should you need any additional information to make your decision, please do not hesitate to contact us.

Very truly yours,

**BHP PETROLEUM (AMERICAS) INC.**

  
Robert J. McNeil  
Land Manager

DPP/dpp



State of New Mexico  
Commissioner of Public Lands

310 OLD SANTA FE TRAIL P.O. BOX 1148

SANTA FE, NEW MEXICO 87504-1148

(505) 827-5760  
FAX (505) 827-5766

RECEIVED  
DIVISION  
JUL 31 1995 8 52  
RAY POWELL, M.S., D.V.M.  
COMMISSIONER

July 31, 1995

BHP Petroleum Americas, Inc.  
1360 Post Oak Boulevard  
Suite 500  
Houston, Texas 77056-3020

Attention: Mr. Dwight Pickle

Re: Gallegos Canyon Unit  
Paying Well Determinations  
Pictured Cliffs Formation  
San Juan County, New Mexico

Dear Mr. Pickle:

This office is in receipt of your letter of May 12, 1995, together with data that supports your paying well determinations regarding the Gallegos Canyon Unit Well Nos. 519, 522, 527, 528, 529, 532, 535, 536, 537, and 539.

The Bureau of Land Management, by their letter of May 12, 1995, has advised this office that they have concurred with your determination that the Gallegos Canyon Unit Well Nos. 519, 522, 527, 528, 529, 532, 535, 536, 537, and 539 are capable of producing unitized substances in paying quantities from the Pictured Cliffs Formation.

Please be advised that the Commissioner of Public Lands concurs with BHP Petroleum Americas, Inc. and the Bureau of Land Management's determinations that the Gallegos Canyon Unit Well No. 519, 522, 527, 529, 532, 535, 536, 537, and 539 are commercial in the Pictured Cliffs Formation and entitled to participate in the Pictured Cliffs Participating Area.

Please submit an application for the appropriate expansion of the Fruitland Participating Area to this office for approval.

BHP Petroleum Americas, Inc.

Page 2


July 21, 1995

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, Deputy Director  
Oil/Gas and Minerals Division  
(505) 827-5745

RP/JB/cpm

Enclosure

cc: Reader File

OCD--Attention: Mr. Roy Johnson

TRD--Attention: Mr. Mike Holden

BLM--Attention: Mr. Duane Spencer



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Farmington District Office  
1235 La Plata Highway  
Farmington, New Mexico 87401

RECEIVED BY MAIL  
JUL 23 1995

95 JUL 31 AM 8 52

IN REPLY REFER TO:

July 24, 1995

Gallegos Canyon Unit  
Pictured Cliffs PA  
3186.1 (07327)

Robert J. McNeil  
BHP Petroleum Americas Inc.  
1360 Post Oak Boulevard Suite 500  
Houston, Texas 77056-3020

Dear Mr. McNeil:

We have reviewed your application for the fifth expansion of the Pictured Cliffs Participating Area in the Gallegos Canyon Unit. All of the supporting wells contained in the application were previously submitted to this office for paying well determinations and found to be capable of producing unitized substances in paying quantities. Following is a list of the 35 wells which support the acreage that your application seeks to add to the existing Participating Area.

|                                      |                                     |
|--------------------------------------|-------------------------------------|
| GCU #500, NE/NW SEC 13, T-29N, R-13W | GCU #518, SWSW SEC 25, T-29N, R-12W |
| GCU #501, NWSE SEC 13, T-29N, R-13W  | GCU #519, NESW SEC 21, T-29N, R-12W |
| GCU #502, SWNW SEC 18, T-29N, R-12W  | GCU #520, NWSE SEC 22, T-29N, R-12W |
| GCU #503, SWSE SEC 18, T-29N, R-12W  | GCU #521, NWSW SEC 36, T-29N, R-12W |
| GCU #504, NENW, SEC 17, T-29N, R-12W | GCU #522, NENW SEC 22, T-29N, R-12W |
| GCU #505, SESE SEC 17, T-29N, R-12W  | GCU #523, SWNW SEC 35, T-29N, R-12W |
| GCU #506, NWSW SEC 16, T-29N, R-12W  | GCU #525, SESW SEC 26, T-29N, R-12W |
| GCU #507, NWNW SEC 20, T-29N, R-12W  | GCU #526, NWNE SEC 27, T-29N, R-12W |
| GCU #508, NWNW SEC 21, T-29N, R-12W  | GCU #527, SESE SEC 27, T-29N, R-12W |
| GCU #509, NWNW SEC 28, T-29N, R-12W  | GCU #528, NWNW SEC 36, T-29N, R-12W |
| GCU #510, NWNE SEC 28, T-29N, R-12W  | GCU #529, NWSE SEC 36, T-29N, R-12W |
| GCU #511, NWNW SEC 26, T-29N, R-12W  | GCU #532, SENE SEC 26, T-29N, R-12W |
| GCU #512, NWSE SEC 26, T-29N, R-12W  | GCU #533, NWSW SEC 22, T-29N, R-12W |
| GCU #513, SENE SEC 34, T-29N, R-12W  | GCU #535, SESW SEC 13, T-29N, R-13W |
| GCU #514, SWSE SEC 34, T-29N, R-12W  | GCU #536, NENE SEC 13, T-29N, R-13W |
| GCU #515, SENE SEC 35, T-29N, R-12W  | GCU #537, NWNE SEC 18, T-29N, R-12W |
| GCU #516, NWSW SEC 7, T-28N, R-11W   | GCU #539, SENE SEC 20, T-29N, R-12W |
| GCU #517, SENE SEC 18, T-28N, R-11W  |                                     |

SECTION 10 of the Unit Agreement states: "The effective date of any revision shall be the first of the month following the date of first authentic knowledge or information on which such revision is predicated, unless a more appropriate effective date is specified in the schedule". GCU #504 completed 11-15-90 was the first well to be completed in the proposed fifth expansion which would make the effective date December 1, 1990. First gas sales from any well in the proposed expansion did not occur until July 1991. By this time, sufficient wells had been completed to prove the entire expansion productive. The December 1, 1990 effective date will not require retroactive adjustment of any sales.

Exhibit "B" was recently revised to correct acreage discrepancies. Two separate Exhibit "B" documents will be used for allocations resulting from the fifth revision. The Exhibit "B" with the verbiage "PRIOR TO MAY 1, 1995" will be used for allocations preceding May 1, 1995. The "REVISED" Exhibit "B" will be used for all allocations after that date.

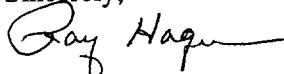
Your application is hereby approved as submitted. Effective date of the fifth expansion to the Pictured Cliffs Participating Area is December 1, 1990.

Under provisions of 43 CFR 3165.3, you may request an Administrative Review of the order(s) described above. Such request, including all supporting documents, must be filed in writing within 20 business days of receipt of this notice and must be filed with the State Director, Bureau of Land Management, P. O. Box 27115, Santa Fe, New Mexico 87502-0115. Such request shall not result in a suspension of the order(s) unless the reviewing official so determines. Procedures governing appeals from instructions, orders or decisions are contained in 43 CFR 3165.4 and 43 CFR 4.400 *et seq.*

We appreciate the detailed information contained in your application and the fact that all of the wells were submitted for economic analysis prior to submittal of the formal application for the fifth expansion. This process allowed our staff to process the application without delay.

If you have any questions regarding this correspondence, please contact Ray Hager at (505) 599-6366.

Sincerely,



FOR

Duane Spencer  
Chief, Branch of Reservoir Management

Enclosure:

(1) Application

bcc:

MMS, RMP, MS-3240, Denver, CO (w/enclosure)  
Commissioner of Public Lands, Santa Fe, NM  
New Mexico Oil Conservation Division, Santa Fe, NM  
Unit File (w/enclosure and technical reports)  
3180  
AIRS  
DOM Reader  
Geneva (070)  
Suspense: RHager (070)  
07327:RHager:07/24/95:x366:BHP 5thPC.ltr



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Farmington District Office  
1235 La Plata Highway  
Farmington, New Mexico 87401

JUNE 9, 1995

IN REPLY REFER TO:

Gallegos Canyon Unit (FRC PA)  
3180 (07327)

Dwight Pickle  
BHP Petroleum America  
1360 Post Oak Boulevard Suite 500  
Houston, Texas 77056-3020

Dear Mr. Pickle:

We have concluded our review of your recent submittal for paying well determinations for 9 Fruitland Coal wells in the Gallegos Canyon Unit. We originally determined that 7 of the wells are capable of producing unitized substances in paying quantities. There was not enough production data available to accurately evaluate Unit Wells No. 323 and No. 16. After obtaining additional production data, these two wells were also determined to be capable of producing unitized substances in paying quantities. The following chart indicates the status of each well and the affected acreage:

### FRUITLAND COAL PRODUCTION

| WELL NUMBER | LOCATION                  | AFFECTED ACREAGE | STATUS |
|-------------|---------------------------|------------------|--------|
| 363         | Section 26B, T-29N, R-13W | E/2              | PAYING |
| 55          | Section 35G, T-28N, R-12W | E/2              | PAYING |
| 4           | Section 34G, T-28N, R-12W | E/2              | PAYING |
| 34          | Section 28K, T-28N, R-12W | W/2              | PAYING |
| 13          | Section 27M, T-28N, R-12W | W/2              | PAYING |
| 80          | Section 6A, T-27N, R-12W  | E/2              | PAYING |
| 417         | Section 19K, T-28N, R-11W | W/2              | PAYING |
| 16          | Section 27B, T-28N, R-12W | E/2              | PAYING |
| 323         | Section 32M, T-29N, R-12W | W/2              | PAYING |

A formal Participating Area Application will be required to include the paying wells into the Fruitland Coal Participating Area.

Under provisions of 43 CFR 3165.3, you may request an Administrative Review of the order(s) described above. Such request, including all supporting documents, must be filed in writing within 20 business days of receipt of this notice and must be filed with the State Director, Bureau of Land Management, P. O. Box 27115, Santa Fe, New Mexico 87502-0115. Such request shall not result in a suspension of the order(s) unless the reviewing official so determines. Procedures governing appeals from instructions, orders or decisions are contained in 43 CFR 3165.4 and 43 CFR 4.400 *et seq.*

If you have any questions regarding this correspondence, please contact Ray Hager at (505) 599-6366.

Sincerely,

*/s/ Duane Spencer*

Duane Spencer  
Chief, Branch of Reservoir Management

cc:

Commissioner Of Public Lands, Santa Fe  
NMOCD, Santa Fe ✓



OLD CONCEPT  
REPL. 200  
'55 109 76-007 8 52

State of New Mexico  
Commissioner of Public Lands

RAY POWELL, M.S., D.V.M.  
COMMISSIONER

310 OLD SANTA FE TRAIL P.O. BOX 1148

SANTA FE, NEW MEXICO 87504-1148

(505) 827-5760  
FAX (505) 827-5766

May 15, 1995

BHP Petroleum Americas (New Ventures) Inc.  
1360 Post Oak Boulevard  
Suite 500  
Houston, Texas 77056-3020

Attention: Mr. Dwight Pickle

Re: 1995 Plan of Development  
First Amendment  
Gallegos Canyon Unit  
San Juan County, New Mexico

Dear Mr. Pickle:

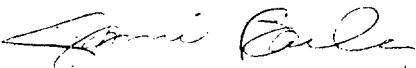
The Commissioner of Public Lands has this date approved the above-captioned Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

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, Deputy Director  
Oil/Gas and Minerals Division  
(505) 827-5745

Enclosure  
RP/JB/cpm  
cc: Reader File  
BLM  
OCD-Roy Johnson





CONSERVATION DIVISION  
RECEIVED  
MAY 17 1995 8 52 AM

May 5, 1995

Department of Interior  
Bureau of Land Management  
P.O. Box 1449  
Santa Fe, NM 87504

Department of Interior  
Bureau of Land Management  
Office of District Engineering  
1235 La Plata Highway  
Farmington, NM 87401

Americas Division  
**BHP Petroleum**

New Mexico State Land Office  
Oil & Gas Development  
P.O. Box 1148  
Santa Fe, NM 87504-1148

State of New Mexico  
Oil Conservation Commission  
P.O. Box 2088  
Santa Fe, NM 87504

**RE: First Amendment to 1995 Plan of Development  
Gallegos Canyon Unit  
GCU Well #550  
SE/4 Sec. 25-T28N-12W  
San Juan County, New Mexico**

Gentlemen:


BHP Petroleum (Americas) Inc. proposes to amend our approved 1995 Plan of Development by adding the drilling of one additional Pictured Cliffs well. The GCU #550 will be located within the existing Pictured Cliffs PA in the SE/4 of Section 25-T28N-12W.

BHP respectfully submits this addition to our 1995 Plan of Development for your approval. All other work previously proposed in our Plan of Development is still scheduled for this year.

If you have any questions, please call me at (713) 961-8437.

Very truly yours,

**BHP PETROLEUM (AMERICAS) INC.**



Dwight Pickle  
Senior Landman

DPP/dpp

**APPROVED:**

\_\_\_\_\_  
**DATE**

\_\_\_\_\_  
**CHIEF, BRANCH OF  
RESERVOIR MANAGEMENT**

**EXHIBIT "B"**  
**REVISED**

INITIAL FARMINGTON "A" PARTICIPATING AREA  
UNIT NO. 892000844G  
GALLEGOS CANYON UNIT, SAN JUAN COUNTY, NEW MEXICO  
AS OF  
MAY 1, 1995

| <u>Unit Tract Number</u> | <u>Serial No. &amp; Date of Lease</u> | <u>Record Owner</u>               | <u>Working Interest Ownership in Tract Owner</u> | <u>Percent</u> | <u>Tract Description</u> | <u>No. of Acres</u> | <u>Tract Participation</u> |
|--------------------------|---------------------------------------|-----------------------------------|--|----------------|--------------------------|---------------------|----------------------------|
| 39                       | I-149-<br>Ind-8476<br>(5-27-50)       | Texaco Exploration and Production | Texaco Exploration and Production                | 100.00         | SE/4 Sec. 20-28N-12W     | 160                 | 1.000000000                |

**INDIAN LEASES**

SCHEDULE OF OWNERSHIP  
GALLEGOS CANYON UNIT

RECAPITULATION  
REVISED

INITIAL FARMINGTON "A" PARTICIPATING AREA  
AS OF MAY 1, 1995

| <u>Lands</u>        | <u>Total Acreage</u> | <u>Committed Acreage</u> | <u>Participation Percent</u> |
|---------------------|----------------------|--------------------------|------------------------------|
| Total Federal Lands | <u>160</u>           | <u>160</u>               | <u>100.0000</u>              |
| TOTAL               | 160                  | 160                      | 100.0000                     |



**BHP**

AMERICAS DIVISION  
RECEIVED

1995 FEB 27 11:08 52

Americas Division  
**BHP Petroleum**

*D-Unit letter*  
*me*

February 27, 1995

Department of Interior  
Bureau of Land Management  
P.O. Box 1449  
Santa Fe, NM 87504

Department of Interior  
Bureau of Land Management  
Office of District Engineer  
1235 La Plata Highway  
Farmington, NM 87401

New Mexico State Land Office  
Oil & Gas Development  
P.O. Box 1148  
Santa Fe, NM 87504-1148

✓ State of New Mexico  
Oil Conservation Commission  
P.O. Box 2088  
Santa Fe, NM 87504

Re: **1994 Review of Operations**  
**1995 Plan of Development**  
Gallegos Canyon Unit  
Pictured Cliffs, Fruitland, and Farmington Formations  
San Juan County, New Mexico

Gentlemen:

As sub-operator of certain unit lands within the Gallegos Canyon Unit located in San Juan County, New Mexico, BHP Petroleum (Americas), Inc. submits for your review and approval the following 1994 Review of Operations and the 1995 Plan of Development.

**1994 Review of Operations**

For the BHP Petroleum (Americas) Inc. operated wells within the Gallegos Canyon Unit, the production of gas and water for each reservoir for 1994 and on a cumulative basis through 1/1/95 is shown in Table I. Production curves for each reservoir as well as for the total unit are attached. In addition, well status Tables are attached for each well by producing horizon.

**TABLE I**  
**1994 PRODUCTION AND CUMULATIVE PRODUCTION**

| <u>Formation</u> | <u>1994 PRODUCTION</u> |                  | <u>CUMULATIVE PRODUCTION</u> |                  |
|------------------|------------------------|------------------|------------------------------|------------------|
|                  | <u>Gas, MMCF</u>       | <u>Water, BW</u> | <u>Gas, MMCF</u>             | <u>Water, BW</u> |
| Pictured Cliffs  | 9,609.527              | 256,194          | 121,470.096                  | 4,148,221        |
| Fruitland Coal   | 5,932.975              | 115,183          | 14,156.938                   | 324,320          |
| Fruitland Sand   | 316.725                | 0                | 5,268.487                    | 81,389           |
| Farmington       | 1.831                  | 0                | 67.327                       | 121              |

During 1994, BHP completed twelve (12) development wells and seven (7) recompletions that were originally proposed in the 1993 Plan of Development. Fourteen (14) of these wells are producing, while the six (6) remaining are waiting on pipeline connections. BHP also proposed the recompletion/workover of eleven (11) additional inactive wells during 1994. Recompletion of four (4) wells to the Fruitland Coal, one (1) to the Pictured Cliffs Sand, and workover of three (3) Pictured Cliffs wells are in progress, while work on three (3) other well was deferred. Results of the 1994 work are summarized in Table II for the development wells, in Table III for the recompletions, and Table IV for workovers.

As outlined in the 1994 Plan of Development, a primary emphasis during the year was to prepare and submit paying well determinations for all newly drilled and recompleted wells with sufficient production history. As seen in Table V, twenty-five (25) paying well determinations were submitted and approved by the BLM during 1994, for new wells completed in the Pictured Cliffs Sand. Table VI contains a list of forty-one (41) Fruitland Coal paying well determinations that were also submitted during 1994. Thirty-seven (37) of these determinations have been approved, while more information was requested for the remaining wells. All geologic information from the recently drilled and recompleted wells were used to prepare a geologic structure map, gross sand isopach map, net pay isopach, coal thickness map and 10 stratigraphic cross sections of the Gallegos Canyon Unit. While it was BHP's intention to submit a participating area expansion application for the Pictured Cliffs Sand during 1994, necessary partner approval of the application has not been received from the second major working interest owner in the unit.

**1995 Plan of Development**

For 1995, a continued emphasis will remain on submitting the proposed participating area expansion application for the Pictured Cliffs Sand, and performing paying well determinations for all Fruitland Coal wells not currently approved. Pending approval of the Pictured Cliffs PA expansion, an application to create a Fruitland Coal participating area identical to that of the expanded Pictured Cliffs PA will be submitted. Common ownership in both the Pictured Cliffs and Fruitland Coal PA's will allow future possible downhole commingling of production from both formations, thereby reducing operating costs, and increasing ultimate recovery from the unit.

In addition to the on going PA expansion and creation, BHP proposes to drill thirteen (13) development wells during 1995. Well number, location, and objective formation for these wells are summarized in Table VII. As is the case each year, our on-going evaluation program is designed to eventually include an analysis on every well in the Gallegos Canyon Unit. Producing wells are evaluated for work related to productivity increase, while non-producing wells are evaluated for repair, stimulation and/or recompletion. Table VIII summarizes the twenty (20) non-producing/marginal wells selected for workover/recompletion during 1994.

**TABLE VII  
1995 PROPOSED DEVELOPMENT WELLS**

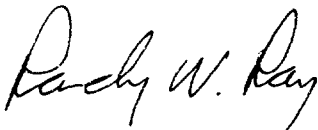
| <u>Well No.</u> | <u>Location</u>                 | <u>Primary Objective</u> |
|-----------------|---------------------------------|--------------------------|
| 530             | NW $\frac{1}{4}$ Sec 18-28N-11W | Pictured Cliffs          |
| 531             | SE $\frac{1}{4}$ Sec 18-28N-11W | Pictured Cliffs          |
| 534             | SE $\frac{1}{4}$ Sec 35-29N-12W | Pictured Cliffs          |
| 540             | NE $\frac{1}{4}$ Sec 21-29N-12W | Pictured Cliffs          |
| 541             | SE $\frac{1}{4}$ Sec 21-29N-12W | Pictured Cliffs          |
| 542             | NW $\frac{1}{4}$ Sec 27-29N-12W | Pictured Cliffs          |
| 543             | NE $\frac{1}{4}$ Sec 36-29N-12W | Pictured Cliffs          |
| 544             | SE $\frac{1}{4}$ Sec 7-28N-11W  | Pictured Cliffs          |
| 545             | SE $\frac{1}{4}$ Sec 12-28N-12W | Pictured Cliffs          |
| 546             | NE $\frac{1}{4}$ Sec 19-28N-11W | Pictured Cliffs          |
| 547             | SW $\frac{1}{4}$ Sec 27-29N-12W | Pictured Cliffs          |
| 548             | NW $\frac{1}{4}$ Sec 34-29N-12W | Pictured Cliffs          |
| 549             | SE $\frac{1}{4}$ Sec 19-28N-11W | Pictured Cliffs          |

**TABLE VIII  
WORKOVER/RECOMPLETION CANDIDATES**

| <u>Well No.</u> | <u>Location</u><br><u>Unit - Sec - Twn - Rng</u> |
|-----------------|--|
| 12              | A - 33 - 28N - 12W                               |
| 14              | M - 26 - 28N - 12W                               |
| 49              | A - 31 - 28N - 12W                               |
| 56              | E - 35 - 28N - 12W                               |
| 271             | J - 27 - 28N - 12W                               |
| 282             | J - 31 - 28N - 12W                               |
| 287             | O - 35 - 29N - 13W                               |
| 291             | J - 23 - 28N - 12W                               |
| 306             | I - 19 - 29N - 12W                               |
| 307             | L - 30 - 29N - 12W                               |
| 311             | M - 14 - 28N - 12W                               |
| 312             | B - 16 - 28N - 12W                               |
| 320             | I - 30 - 28N - 12W                               |
| 326             | F - 36 - 29N - 13W                               |
| 332             | P - 31 - 29N - 12W                               |
| 334             | N - 11 - 28N - 12W                               |
| 335             | I - 14 - 28N - 12W                               |
| 338             | C - 09 - 27N - 12W                               |
| 341             | E - 16 - 28N - 12W                               |
| 350             | I - 33 - 29N - 12W                               |

BHP P(A) respectfully submits this 1995 Plan of Development for your approval. Please provide both BHP P(A) and the Unit Operator, Amoco Production Company, notice of this plan's approval.

Sincerely yours,  
**BHP PETROLEUM (AMERICAS), INC.**



Randy W. Ray  
Production Engineer

/attachments

TABLE II  
1994 DEVELOPMENT WELL STATUS

| WELL No. | LOCATION<br>UNIT-SEC-TWN-RGE | FORMATION       | COMPLETION<br>DATE | FIRST GAS<br>SALES | INITIAL POTENTIAL<br>MCFPD/BWPD | STATUS    |
|----------|------------------------------|-----------------|--------------------|--------------------|---------------------------------|-----------|
| 399      | H-24-29-13                   | Fruitland Coal  | 06/07/94           | NA                 | 325/17                          | WOPL      |
| 402      | G-36-29-13                   | Fruitland Coal  | 07/15/94           | NA                 | 200/45                          | WOPL      |
| 421      | L-31-29-12                   | Fruitland Coal  | 07/25/94           | NA                 | 100/50                          | WOPL      |
| 519      | N-21-29-12                   | Pictured Cliffs | 04/25/94           | 10/27/94           | 85/80                           | PRODUCING |
| 522      | C-22-29-12                   | Pictured Cliffs | 04/15/94           | 07/19/94           | 580/40                          | PRODUCING |
| 527      | P-27-29-12                   | Pictured Cliffs | 04/14/94           | 07/15/94           | 490/45                          | PRODUCING |
| 528      | D-36-29-12                   | Pictured Cliffs | 05/09/94           | 09/13/94           | 450/64                          | PRODUCING |
| 529      | J-36-29-12                   | Pictured Cliffs | 05/13/94           | 09/23/94           | 565/160                         | PRODUCING |
| 532      | H-26-29-12                   | Pictured Cliffs | 04/15/94           | 06/27/94           | 500/140                         | PRODUCING |
| 535      | N-13-29-13                   | Pictured Cliffs | 05/15/94           | 10/20/94           | 310/8                           | PRODUCING |
| 536      | A-13-29-13                   | Pictured Cliffs | 05/03/94           | 10/20/94           | 275/60                          | PRODUCING |
| 537      | B-18-29-12                   | Pictured Cliffs | 05/05/94           | 11/22/94           | 255/20                          | PRODUCING |
| 538      | M-17-29-12                   | Pictured Cliffs | 04/29/94           | NA                 | 70/128                          | WOPL      |
| 539      | H-20-29-12                   | Pictured Cliffs | 05/28/94           | 10/22/94           | 160/30                          | PRODUCING |

TABLE III  
1994 WELL RECOMPLETION STATUS

| WELL No. | LOCATION<br>UNIT-SEC-TWN-RGE | FORMATION       | COMPLETION<br>DATE | FIRST GAS<br>SALES | INITIAL POTENTIAL<br>MCFPD/BWPD | STATUS      |
|----------|------------------------------|-----------------|--------------------|--------------------|---------------------------------|-------------|
| 4        | G-34-28-12                   | Fruitland Coal  | 03/02/94           | 04/27/94           | 120/0                           | PRODUCING   |
| 13       | M-27-28-12                   | Fruitland Coal  | 03/09/94           | 05/12/94           | 120/0                           | PRODUCING   |
| 40       | H-29-28-12                   | Fruitland Coal  | 03/15/94           | 04/15/94           | 230/2                           | PRODUCING   |
| 41       | A-32-28-12                   | Fruitland Coal  |                    |                    |                                 | IN PROGRESS |
| 42       | N-12-28-13                   | Fruitland Coal  |                    |                    |                                 | IN PROGRESS |
| 55       | G-35-28-12                   | Fruitland Coal  | 04/09/94           | 05/22/94           | 280/8                           | PRODUCING   |
| 63       | G-5-27-12                    | Fruitland Coal  |                    |                    |                                 | IN PROGRESS |
| 67       | B-22-28-12                   | Fruitland Coal  | NA                 | NA                 | 0/45                            | INACTIVE    |
| 76       | N-23-28-12                   | Fruitland Coal  | 11/17/93           | NA                 | 30/2                            | WOPL        |
| 79       | A-9-27-12                    | Fruitland Coal  | 03/09/94           | 10/24/94           | 95/2                            | PRODUCING   |
| 128      | H-25-28-12                   | Fruitland Coal  | NA                 | NA                 | NA                              | COMPLETING  |
| 295      | M-10-28-12                   | Fruitland Coal  |                    |                    |                                 | IN PROGRESS |
| 309      | N-9-28-12                    | Fruitland Coal  | NA                 | NA                 | NA                              | COMPLETING  |
| 319      | F-30-28-12                   | Pictured Cliffs |                    |                    |                                 | IN PROGRESS |
| 323      | M-32-29-12                   | Fruitland Coal  | 05/14/94           | 12/20/94           | 95/40                           | PRODUCING   |
| 363      | B-26-29-13                   | Fruitland Coal  | 04/01/94           | NA                 | 155/7                           | WOPL        |



TABLE IV  
 1994 WELL WORKOVER STATUS

| WELL No. | LOCATION<br>UNIT-SEC-TWN-RGE | FORMATION       | COMPLETION<br>DATE | FIRST GAS<br>SALES | INITIAL POTENTIAL<br>MCFPD/BWPD | STATUS      |
|----------|------------------------------|-----------------|--------------------|--------------------|---------------------------------|-------------|
| 56       | E-35-28-12                   | Pictured Cliffs |                    |                    |                                 | DEFERED     |
| 267      | G-23-28-12                   | Pictured Cliffs | NA                 | NA                 | NA                              | IN PROGRESS |
| 281      | K-25-28-12                   | Pictured Cliffs | NA                 | NA                 | NA                              | IN PROGRESS |
| 282      | J-31-28-12                   | Pictured Cliffs |                    |                    |                                 | DEFERED     |
| 325      | E-35-29-13                   | Pictured Cliffs | NA                 | NA                 | NA                              | IN PROGRESS |
| 350      | I-33-29-12                   | Pictured Cliffs |                    |                    |                                 | DEFERED     |

**TABLE V**  
**PAYING WELL DETERMINATIONS**  
**PICTURE CLIFFS WELLS**

| <u>WELL NO.</u> | <u>COMPLETION DATE</u> | <u>FIRST GAS SALES</u> | <u>SUBMITTED TO BLM</u> | <u>BLM APPROVAL</u> |
|-----------------|------------------------|------------------------|-------------------------|---------------------|
| 500             | 01/06/91               | 01/17/92               | 04/14/94                | 05/23/94            |
| 501             | 02/21/91               | 01/20/92               | 04/14/94                | 05/23/94            |
| 502             | 01/17/91               | 07/08/92               | 04/14/94                | 05/20/93            |
| 503             | 02/28/91               | 10/25/91               | 04/14/94                | 05/23/94            |
| 504             | 11/15/90               | 01/14/92               | 04/14/94                | 05/23/94            |
| 505             | 12/16/90               | 01/23/92               | 04/14/94                | 05/23/94            |
| 506             | 01/01/91               | 01/10/92               | 04/14/94                | 05/23/94            |
| 507             | 11/20/90               | 01/17/92               | 04/14/94                | 05/23/94            |
| 508             | 11/22/90               | 01/10/92               | 04/14/94                | 05/23/94            |
| 509             | 02/18/91               | 01/20/92               | 04/14/94                | 05/23/94            |
| 510             | 03/06/91               | 09/13/93               | 04/14/94                | 05/23/94            |
| 511             | 02/23/91               | 08/15/91               | 04/14/94                | 05/23/94            |
| 512             | 02/20/91               | 09/04/91               | 04/14/94                | 05/23/94            |
| 513             | 12/07/90               | 08/03/92               | 04/14/94                | 05/23/94            |
| 514             | 12/07/90               | 08/07/92               | 04/14/94                | 05/23/94            |
| 515             | 12/13/90               | 08/03/92               | 04/14/94                | 05/23/94            |
| 516             | 01/24/91               | 10/03/91               | 04/14/94                | 05/23/94            |
| 517             | 02/27/91               | 07/25/91               | 04/14/94                | 05/23/94            |
| 518             | 02/04/92               | 05/15/93               | 04/14/94                | 05/23/94            |
| 519             | 04/28/94               | 10/27/94               |                         |                     |
| 520             | 12/18/91               | 01/12/93               | 04/14/94                | 05/23/94            |
| 521             | 12/11/91               | 08/03/92               | 04/14/94                | 05/23/94            |
| 522             | 04/19/94               | 07/19/94               |                         |                     |
| 523             | 12/14/91               | 08/07/92               | 04/14/94                | 05/23/94            |
| 525             | 12/08/92               | 04/19/93               | 04/14/94                | 05/23/94            |
| 526             | 11/19/92               | 05/06/93               | 04/14/94                | 05/23/94            |
| 527             | 04/18/94               | 07/15/94               |                         |                     |
| 528             | 05/16/94               | 09/14/94               |                         |                     |
| 529             | 05/23/94               | 09/23/94               |                         |                     |
| 532             | 04/08/94               | 06/27/94               |                         |                     |
| 533             | 11/20/92               | 05/28/93               | 04/14/94                | 05/23/94            |
| 535             | 05/19/94               | 10/20/94               |                         |                     |
| 536             | 05/07/94               | 10/20/94               |                         |                     |
| 537             | 05/09/94               | 11/02/94               |                         |                     |
| 538             | 05/03/94               |                        |                         |                     |
| 539             | 05/31/94               | 10/22/94               |                         |                     |

**TABLE VI  
 PAYING WELL DETERMINATIONS  
 FRUITLAND COAL WELLS**

| <u>WELL NO.</u> | <u>COMPLETION DATE</u> | <u>FIRST GAS SALES</u> | <u>SUBMITTED TO BLM</u> | <u>BLM APPROVAL</u> |
|-----------------|------------------------|------------------------|-------------------------|---------------------|
| 1               | 04/05/92               | 12/01/92               | 05/26/94                | 06/22/94            |
| 3               | 11/15/93               | 12/13/93               | 09/08/94                | 11/29/94            |
| 4               | 03/02/94               | 04/27/94               |                         |                     |
| 5               | 02/22/92               | 05/14/92               | 05/26/94                | 06/22/94            |
| 6               | 11/17/93               | 12/29/93               | 09/08/94                | more info           |
| 7               | 05/01/92               |                        |                         |                     |
| 9               | 10/06/92               | 12/03/92               | 05/26/94                | 06/22/94            |
| 10              | 10/19/92               |                        |                         |                     |
| 13              | 03/09/94               | 03/09/94               |                         |                     |
| 16              | 11/01/93               | 12/08/93               | 09/08/94                | more info           |
| 18              | 11/07/93               | 12/08/93               | 09/08/94                | more info           |
| 19              | 02/23/92               | 05/15/92               | 05/26/94                | 06/22/94            |
| 20              | 08/25/92               | 10/29/92               | 05/26/94                | 06/22/94            |
| 22              | 09/07/92               | 11/11/92               | 05/26/94                | 06/22/94            |
| 32              | 09/07/92               | 11/11/92               | 05/26/94                | 06/22/94            |
| 33              | 10/28/93               | 12/08/93               | 09/08/94                | 11/29/94            |
| 34              | 02/14/94               | 03/30/94               |                         |                     |
| 35              | 10/25/92               |                        |                         |                     |
| 36              | 08/25/92               | 10/29/92               | 05/26/94                | 06/22/94            |
| 39              | 12/02/93               | 01/14/94               | 09/08/94                | 11/29/94            |
| 40              | 03/15/94               | 04/15/94               | 09/08/94                | 11/29/94            |
| 53              | 09/19/92               | 11/13/92               | 05/26/94                | 06/22/94            |
| 55              | 03/17/94               | 05/22/94               |                         |                     |
| 57              | 10/19/92               |                        |                         |                     |
| 59              | 09/19/92               | 12/09/92               | 05/26/94                | 06/22/94            |
| 61              | 09/30/92               | 12/14/92               | 05/26/94                | 06/22/94            |
| 66              | 09/29/92               | 01/11/93               | 05/26/94                | 06/22/94            |
| 67              |                        |                        |                         |                     |
| 72              | 08/16/91               | 12/04/91               | 05/26/94                | 06/22/94            |
| 76              | 11/17/93               |                        |                         |                     |
| 79              | 03/09/94               |                        |                         |                     |
| 80              | 10/06/92               | 02/22/94               | 09/08/94                | more info           |
| 128             | 03/15/94               |                        |                         |                     |
| 309             |                        |                        |                         |                     |
| 323             | 05/21/94               | 12/20/94               |                         |                     |
| 363             | 03/10/94               | 06/09/94               |                         |                     |

**TABLE VI**  
**Continued**

**PAYING WELL DETERMINATIONS**  
**GALLEGOS CANYON UNIT**  
**FRUITLAND COAL WELLS**

| <u>WELL NO.</u> | <u>COMPLETION DATE</u> | <u>FIRST GAS SALES</u> | <u>SUBMITTED TO BLM</u> | <u>BLM APPROVAL</u> |
|-----------------|------------------------|------------------------|-------------------------|---------------------|
| 377             | 04/19/90               | 11/05/90               | 04/14/94                | 05/23/94            |
| 378             | 06/30/90               | 11/02/90               | 04/14/94                |                     |
| 381             | 06/04/90               | 01/10/92               | 04/14/94                | 05/23/94            |
| 382             | 11/26/90               | 01/10/92               | 04/14/94                | 05/23/94            |
| 383             | 05/24/90               | 01/11/92               | 04/14/94                | 05/23/94            |
| 384             | 05/25/90               | 03/12/92               | 04/14/94                | 05/23/94            |
| 385             | 05/25/90               | 01/23/92               | 04/14/94                | 05/23/94            |
| 386             | 11/10/90               | 07/08/92               | 04/14/94                | 05/23/94            |
| 387             | 02/28/91               | 07/19/91               | 04/14/94                | 05/23/94            |
| 388             | 11/15/90               | 01/26/93               | 04/14/94                | 05/23/94            |
| 389             | 12/05/90               | 07/17/91               | 04/14/94                | 05/23/94            |
| 390             | 10/19/92               |                        |                         |                     |
| 391             | 10/06/92               |                        |                         |                     |
| 392             | 11/30/90               |                        |                         |                     |
| 393             | 11/29/90               | 11/05/91               | 04/14/94                | 05/23/94            |
| 394             | 02/01/91               | 11/20/91               | 04/14/94                | 05/23/94            |
| 395             | 01/12/91               | 10/22/91               | 04/14/94                | 05/23/94            |
| 396             | 03/24/91               | 11/22/91               | 04/14/94                | 05/23/94            |
| 397             | 02/08/91               | 11/12/91               | 04/14/94                | 05/23/94            |
| 399             | 06/13/94               |                        |                         |                     |
| 402             | 07/15/94               |                        |                         |                     |
| 410             | 12/20/92               | 05/25/93               | 04/14/94                | 05/23/94            |
| 411             | 01/04/93               |                        |                         |                     |
| 412             | 12/20/92               | 03/11/94               | 09/08/94                | 11/29/94            |
| 414             | 02/11/93               | 03/11/94               | 09/08/94                | 11/29/94            |
| 416             | 02/22/93               | 03/22/94               |                         |                     |
| 417             | 02/11/93               | 03/22/94               |                         |                     |
| 418             | 02/15/93               | 03/11/94               | 09/08/94                | 11/29/94            |
| 421             | 07/25/94               |                        |                         |                     |

| GALLEGOS CANYON UNIT SHALLOW PRODUCTION DATA      |                           |           |                 |                         |                              |                                    |          |
|---|---------------------------|-----------|-----------------|-------------------------|------------------------------|------------------------------------|----------|
| WELL NO   | LOCATION UNIT-SEC-TWN-RGE | COMP DATE | FIRST GAS SALES | CURRENT EST. DEL. MCFPD | CY 1994 TOTAL PRODUCTION MCF | CUMULATIVE PRODUCTION, MCF 01/1/95 | STATUS   |
| PC PARTICIPATING AREA - PICTURED CLIFFS PRODUCERS |                           |           |                 |                         |                              |                                    |          |
| 1   | K-19-29-12                | 09/28/51  | 03/12/52        |                         |                              | 1,440,095                          | RC-BFC   |
| 3   | L-24-28-12                | 10/30/51  | 02/16/52        |                         |                              | 617,276                            | RC-BFC   |
| 4   | G-34-28-12                | 11/01/51  | 02/19/52        |                         | 168                          | 1,523,393                          | RC-BFC   |
| 5   | H-13-28-13                | 11/01/51  | 08/13/52        |                         |                              | 1,939,508                          | RC-BFC   |
| 6   | L-22-28-12                | 02/08/52  | 02/16/52        |                         |                              | 1,107,581                          | RC-BFC   |
| 7   | A-30-28-12                | 11/01/51  | 08/13/52        |                         |                              | 411,361                            | RC-BFC   |
| 9   | K-32-28-12                | 02/06/53  | 03/10/53        |                         |                              | 428,363                            | RC-BFC   |
| 10  | K-33-28-12                | 01/23/53  | 03/02/53        |                         |                              | 863,775                            | RC-BFC   |
| 11  | M-34-28-12                | 10/28/52  | 11/10/52        | 16                      | 2,405                        | 741,968                            | ACTIVE   |
| 12  | A-33-28-12                | 01/23/53  | 03/02/53        | 0                       | 164                          | 660,303                            | INACTIVE |
| 13  | M-27-28-12                | 11/13/52  | 03/13/53        |                         |                              | 788,823                            | RC-BFC   |
| 14  | M-26-28-12                | 10/28/52  | 11/12/52        | 0                       | 0                            | 1,782,143                          | INACTIVE |
| 15  | M-25-28-12                | 10/16/51  | 03/13/53        |                         |                              | 27,588                             | P&A'D    |
| 16  | B-27-28-12                | 09/19/52  | 11/30/54        |                         |                              | 868,486                            | RC-BFC   |
| 17  | A-28-28-12                | 08/18/52  | 09/28/52        | 25                      | 7,768                        | 2,763,633                          | ACTIVE   |
| 18  | H-21-28-12                | 04/03/53  | 04/10/53        |                         | 857                          | 741,556                            | RC-BFC   |
| 19  | H-20-28-12                | 08/25/53  | 09/26/53        |                         |                              | 960,762                            | RC-BFC   |
| 20  | M-17-28-12                | 03/17/53  | 04/03/53        |                         |                              | 747,060                            | RC-BFC   |
| 21  | M-18-28-12                | 02/26/53  | 03/02/53        | 216                     | 81,033                       | 2,928,573                          | ACTIVE   |
| 22  | G-18-28-12                | 03/05/53  | 03/11/53        |                         |                              | 784,158                            | RC-BFC   |
| 23  | N-13-28-13                | 03/17/53  | 04/03/53        |                         |                              | 373,557                            | P&A'D    |
| 24  | J-34-28-12                | 02/06/53  | 03/02/53        | 7                       | 2,149                        | 1,043,742                          | ACTIVE   |
| 25  | N-26-29-13                | 06/05/53  | 03/11/54        |                         |                              | 10,044                             | P&A'D    |
| 28  | A-30-29-12                | 06/26/53  | 04/26/54        |                         |                              | 599,986                            | RC-NPFS  |
| 30  | I-33-28-12                | 05/12/53  | 07/20/53        | 12                      | 2,099                        | 709,580                            | ACTIVE   |
| 31  | E-34-28-12                | 04/03/53  | 07/20/53        | 32                      | 13,067                       | 345,819                            | ACTIVE   |
| 32  | N- 7-28-12                | 08/18/53  | 11/21/53        |                         |                              | 380,882                            | RC-BFC   |
| 33  | M-21-28-12                | 09/12/53  | 09/26/53        |                         |                              | 1,467,626                          | RC-BFC   |
| 34  | K-28-28-12                | 06/29/53  | 09/26/53        |                         |                              | 807,613                            | RC-BFC   |
| 35  | K-20-28-12                | 09/12/53  | 11/21/53        |                         |                              | 2,136,064                          | RC-BFC   |
| 36  | H-19-28-12                | 09/12/53  | 11/21/53        |                         |                              | 1,562,997                          | RC-BFC   |
| 37  | K-19-28-12                | 10/09/53  | 10/14/53        |                         |                              | 322,423                            | P&A'D    |
| 38  | H-24-28-13                | 08/25/53  | 11/21/53        |                         |                              | 364,625                            | P&A'D    |
| 39  | M-16-28-12                | 08/18/53  | 09/26/53        |                         |                              | 374,872                            | RC-BFC   |
| 40  | H-29-28-12                | 09/12/53  | 10/07/53        |                         |                              | 780,609                            | RC-BFC   |
| 41  | A-32-28-12                | 06/26/53  | 09/26/53        |                         |                              | 604,742                            | RC-BFC   |
| 42  | N-12-28-13                | 11/11/53  | 11/23/53        |                         |                              | 1,167,957                          | RC-BFC   |
| 43  | A-14-29-13                | 11/16/53  | NA              |                         |                              | 358,580                            | P&A'D    |
| 44  | M-35-29-13                | 12/10/53  | 12/23/53        | 0                       | 0                            | 895,201                            | INACTIVE |
| 45  | K-29-28-12                | 12/10/53  | 01/18/54        |                         |                              | 378,738                            | P&A'D    |
| 48  | K-30-28-12                | 01/04/54  | 01/07/54        |                         |                              | 270,343                            | P&A'D    |
| 49  | A-31-28-12                | 12/07/53  | 01/19/54        | 12                      | 2,911                        | 648,926                            | ACTIVE   |
| 51  | G-36-28-12                | 09/19/52  | 03/13/53        |                         |                              | 186,074                            | P&A'D    |
| 52  | E-36-28-12                | 09/04/52  | 10/10/52        |                         |                              | 61,950                             | P&A'D    |
| 53  | M-36-28-12                | 02/19/54  | 03/30/54        |                         |                              | 212,465                            | RC-BFC   |
| 54  | O-36-28-12                | 03/06/54  | 03/19/54        |                         |                              | 610                                | P&A'D    |

| GALLEGOS CANYON UNIT SHALLOW PRODUCTION DATA      |                           |           |                 |                         |                              |                                    |             |
|---|---------------------------|-----------|-----------------|-------------------------|------------------------------|------------------------------------|-------------|
| WELL NO   | LOCATION UNIT-SEC-TWN-RGE | COMP DATE | FIRST GAS SALES | CURRENT EST. DEL. MCFPD | CY 1994 TOTAL PRODUCTION MCF | CUMULATIVE PRODUCTION, MCF 01/1/95 | STATUS      |
| PC PARTICIPATING AREA - PICTURED CLIFFS PRODUCERS |                           |           |                 |                         |                              |                                    |             |
| 55  | G-35-28-12                | 12/18/52  | 12/18/52        |                         |                              | 641,649                            | RC-BFC      |
| 56  | E-35-28-12                | 09/09/52  | 09/18/52        | 0                       | 0                            | 528,750                            | INACTIVE    |
| 57  | M-35-28-12                | 08/18/52  | 09/18/52        |                         |                              | 421,674                            | RC-BFC      |
| 58  | O-35-28-12                | 09/09/52  | 09/18/52        | 0                       | 1,588                        | 417,342                            | INACTIVE    |
| 59  | M-31-28-11                | 10/10/52  | 10/14/52        |                         |                              | 672,160                            | RC-BFC      |
| 60  | O-31-28-11                | 10/05/52  | 03/13/53        |                         |                              | 59,488                             | P&A'D       |
| 61  | A- 4-27-12                | 11/13/52  | 11/14/52        |                         |                              | 370,339                            | RC-BFC      |
| 62  | C- 4-27-12                | 12/30/52  | 01/06/53        | 26                      | 4,282                        | 1,722,481                          | ACTIVE      |
| 63  | G- 5-27-12                | 12/18/52  | 12/18/52        |                         |                              | 291,868                            | RC-BFC      |
| 64  | I- 4-27-12                | 12/30/52  | 02/10/53        | 23                      | 7,123                        | 1,132,564                          | ACTIVE      |
| 65  | M-36-29-13                | 05/27/54  | 06/24/54        |                         |                              | 167,878                            | P&A'D       |
| 66  | G-35-29-13                | 04/27/54  | 08/06/54        |                         |                              | 828,168                            | RC-BFC      |
| 67  | B-22-28-12                | 04/08/54  | 06/18/54        |                         |                              | 280,533                            | RC-BFC      |
| 68  | G-14-28-12                | 05/27/54  | 06/24/54        |                         |                              | 13,057                             | P&A'D       |
| 69  | A-28-29-12                | 10/07/54  | 10/29/54        |                         |                              | 85,449                             | P&A'D       |
| 71  | M-31-28-12                | 09/27/55  | 10/27/55        |                         |                              | 257,634                            | P&A'D       |
| 72  | G-36-28-13                | 01/27/56  | 03/13/56        |                         |                              | 1,439,383                          | RC-BFC      |
| 73  | K-20-29-12                | 12/21/55  | 02/25/56        | 86                      | 1,546                        | 1,821,871                          | ACTIVE      |
| 74  | K-29-29-12                | 05/05/56  | 08/23/56        | 322                     | 66,262                       | 2,007,543                          | ACTIVE      |
| 75  | G-19-29-12                | 04/24/56  | 05/07/56        | 201                     | 132,736                      | 2,025,382                          | ACTIVE      |
| 76  | N-23-28-12                | 04/19/56  | 08/22/56        |                         |                              | 1,022,267                          | RC-BFC      |
| 79  | A- 9-27-12                | 11/26/54  | 07/25/55        |                         | 253                          | 607,198                            | RC-BFC      |
| 80  | A- 6-27-12                | 12/22/53  | 01/10/55        |                         |                              | 792,122                            | RC-BFC      |
| 123   | C-25-28-12                | 05/17/76  | 09/27/76        | 46                      | 8,699                        | 582,020                            | ACTIVE      |
| 128   | H-25-28-12                | 08/28/76  | 06/19/78        |                         |                              | 67,573                             | RC-BFC      |
| 267   | G-23-28-12                | 03/29/77  | 05/05/77        | 0                       | 0                            | 289,466                            | W/O IN PROG |
| 268   | P-32-28-12                | 04/22/77  | 06/08/78        | 447                     | 171,390                      | 633,891                            | ACTIVE      |
| 269   | O-18-28-12                | 03/25/77  | 05/05/77        | 654                     | 247,278                      | 621,323                            | ACTIVE      |
| 271   | J-27-28-12                | 03/04/77  | 04/19/77        | 38                      | 11,782                       | 310,246                            | ACTIVE      |
| 272   | C-33-28-12                | 03/26/77  | 05/06/77        | 0                       | 0                            | 665,977                            | INACTIVE    |
| 273   | C-32-28-12                | 03/11/77  | 06/10/78        | 279                     | 118,318                      | 313,217                            | ACTIVE      |
| 275   | D-13-28-13                | 04/01/77  | 05/31/77        | 337                     | 64,122                       | 440,280                            | ACTIVE      |
| 276   | I-25-28-13                | 03/23/77  | 05/27/77        | 70                      | 16,496                       | 328,906                            | ACTIVE      |
| 277   | E-15-28-12                | 09/19/79  | 03/03/80        | 28                      | 13,799                       | 727,891                            | ACTIVE      |
| 278   | O-17-28-12                | 10/12/79  | 05/07/81        | 0                       | 0                            | 748,820                            | INACTIVE    |
| 279   | E-23-28-12                | 09/21/79  | 04/25/80        | 288                     | 108,704                      | 544,617                            | ACTIVE      |
| 280   | J-24-28-12                | 09/25/79  | 09/23/80        | 98                      | 35,526                       | 340,102                            | ACTIVE      |
| 281   | K-25-28-12                | 01/25/80  | 04/25/80        | 0                       | 0                            | 176,160                            | W/O IN PROG |
| 282   | J-31-28-12                | 09/29/79  | 03/06/80        | 0                       | 0                            | 139,127                            | INACTIVE    |
| 283   | B-29-29-12                | 11/05/79  | 12/02/80        | 207                     | 75,987                       | 1,729,499                          | ACTIVE      |
| 284   | O-30-29-12                | 10/05/79  | 06/24/80        | 243                     | 61,414                       | 436,744                            | ACTIVE      |
| 285   | M-31-29-12                | 10/13/79  | 03/24/80        | 558                     | 103,670                      | 1,768,689                          | ACTIVE      |
| 286   | P-24-29-13                | 10/18/79  | 06/24/80        | 932                     | 196,694                      | 2,384,866                          | ACTIVE      |
| 287   | O-35-29-13                | 11/09/79  | 10/07/81        | 8                       | 838                          | 119,332                            | ACTIVE      |
| 288   | F-19-29-12                | 12/05/79  | 02/12/80        | 475                     | 165,564                      | 2,447,703                          | ACTIVE      |
| 289   | N- 8-28-12                | 03/18/80  | 05/31/80        | 283                     | 41,832                       | 714,556                            | ACTIVE      |

| GALLEGOS CANYON UNIT SHALLOW PRODUCTION DATA      |                           |           |                 |                        |                              |                                    |             |
|---|---------------------------|-----------|-----------------|------------------------|------------------------------|------------------------------------|-------------|
| WELL NO   | LOCATION UNIT-SEC-TWN-RGE | COMP DATE | FIRST GAS SALES | CURRENT EST. DEL MCFPD | CY 1994 TOTAL PRODUCTION MCF | CUMULATIVE PRODUCTION, MCF 01/1/95 | STATUS      |
| PC PARTICIPATING AREA - PICTURED CLIFFS PRODUCERS |                           |           |                 |                        |                              |                                    |             |
| 290   | J-15-28-12                | 01/22/80  | 03/10/80        | 394                    | 60,566                       | 1,406,959                          | ACTIVE      |
| 291   | J-23-28-12                | 01/22/80  | 05/13/81        | 6                      | 1,596                        | 147,952                            | ACTIVE      |
| 292   | F-30-29-12                | 10/15/79  | 06/24/80        | 128                    | 28,971                       | 366,803                            | ACTIVE      |
| 293   | E-32-29-12                | 10/19/79  | 04/26/80        | 653                    | 146,509                      | 2,397,447                          | ACTIVE      |
| 294   | J-32-29-12                | 10/23/79  | 04/26/80        | 359                    | 66,548                       | 787,898                            | ACTIVE      |
| 295   | M-10-28-12                | 03/22/80  | 06/29/80        |                        |                              | 148,229                            | RC-BFC      |
| 296   | M-15-28-12                | 03/22/80  | 05/11/81        | 294                    | 55,833                       | 912,624                            | ACTIVE      |
| 297   | B-15-28-12                | 03/26/80  | 05/31/80        | 65                     | 20,092                       | 536,268                            | ACTIVE      |
| 298   | C-24-28-12                | 01/28/80  | 04/30/81        | 98                     | 34,485                       | 402,127                            | ACTIVE      |
| 299   | D-31-28-12                | 04/02/80  | 11/24/80        | 228                    | 72,809                       | 574,094                            | ACTIVE      |
| 300   | I-19-29-12                | 05/28/80  | 08/14/80        | 417                    | 143,428                      | 2,294,466                          | ACTIVE      |
| 301   | I-20-29-12                | 06/10/80  | 10/28/80        | 179                    | 65,417                       | 856,622                            | ACTIVE      |
| 302   | O-29-29-12                | 12/19/79  | 06/13/80        | 63                     | 1,315                        | 220,096                            | ACTIVE      |
| 303   | F-33-29-12                | 03/27/80  | 10/07/80        | 438                    | 95,952                       | 1,281,301                          | ACTIVE      |
| 304   | N-24-29-13                | 12/14/79  | 06/24/80        | 362                    | 127,992                      | 928,974                            | ACTIVE      |
| 305   | O-36-29-13                | 12/21/79  | 11/25/80        | 399                    | 32,212                       | 702,773                            | ACTIVE      |
| 307   | L-30-29-12                | 06/10/80  | 01/09/81        | 37                     | 668                          | 282,665                            | ACTIVE      |
| 308   | P- 7-28-12                | 06/03/81  | 07/29/81        | 109                    | 16,859                       | 365,866                            | ACTIVE      |
| 310   | J- 9-28-12                | 05/30/81  | 03/25/82        | 0                      | 0                            | 293,970                            | INACTIVE    |
| 311   | M-14-28-12                | 04/13/81  | 01/15/82        | 0                      | 0                            | 342,291                            | INACTIVE    |
| 312   | B-16-28-12                | 05/05/81  | 03/25/82        | 0                      | 0                            | 96,139                             | INACTIVE    |
| 313   | I-16-28-12                | 05/11/81  | 08/18/81        | 530                    | 203,715                      | 1,990,316                          | ACTIVE      |
| 314   | F-17-28-12                | 07/13/81  | 06/30/83        | 0                      | 0                            | 403,163                            | INACTIVE    |
| 315   | F-21-28-12                | 04/16/81  | 01/19/82        | 668                    | 239,693                      | 2,059,001                          | ACTIVE      |
| 316   | I-21-28-12                | 03/16/76  | 04/12/76        | 182                    | 28,378                       | 451,949                            | ACTIVE      |
| 317   | F-27-28-12                | 04/08/81  | 01/20/82        | 446                    | 39,949                       | 615,777                            | ACTIVE      |
| 318   | O-28-28-12                | 04/08/81  | 03/10/82        | 277                    | 48,203                       | 586,798                            | ACTIVE      |
| 319   | F-30-28-12                | NA        | NA              |                        |                              |                                    | COMPLETING  |
| 320   | I-30-28-12                | 06/23/81  | 09/09/81        | 0                      | 3,001                        | 396,260                            | INACTIVE    |
| 321   | O-12-28-13                | 06/08/81  | 07/27/81        | 32                     | 1,216                        | 186,116                            | ACTIVE      |
| 322   | H-31-29-12                | 04/29/81  | 07/10/81        | 487                    | 87,652                       | 1,315,782                          | ACTIVE      |
| 323   | M-32-29-12                | 05/04/94  | 12/20/94        |                        |                              | 444,469                            | RC-BFC      |
| 324   | G-32-29-12                | 06/10/81  | 07/17/81        | 138                    | 15,902                       | 426,718                            | ACTIVE      |
| 325   | E-35-29-13                | 07/28/81  | 08/31/82        | 0                      | 0                            | 21,447                             | W/O IN PROG |
| 326   | F-36-29-13                | 07/21/81  | 10/03/81        | 0                      | 218                          | 479,985                            | INACTIVE    |
| 327   | H-36-29-13                | 04/03/81  | 07/13/81        | 535                    | 178,455                      | 2,065,214                          | ACTIVE      |
| 330   | A-24-29-13                | 01/14/84  | 08/14/84        | 551                    | 225,583                      | 2,080,251                          | ACTIVE      |
| 331   | E-29-29-12                | 01/16/84  | 06/08/84        | 187                    | 133,039                      | 2,012,045                          | ACTIVE      |
| 332   | P-31-29-12                | 02/20/84  | 09/11/84        | 0                      | 0                            | 219,454                            | INACTIVE    |
| 333   | B-33-29-12                | 01/19/84  | 01/03/85        | 350                    | 118,816                      | 364,161                            | ACTIVE      |
| 334   | N-11-28-12                | 01/23/84  | 10/12/84        | 0                      | 510                          | 105,044                            | INACTIVE    |
| 335   | I-14-28-12                | 01/26/84  | 12/21/84        | 48                     | 20,069                       | 200,861                            | ACTIVE      |
| 336   | A-24-28-12                | 01/27/84  | 06/07/84        | 93                     | 36,005                       | 304,013                            | ACTIVE      |
| 337   | P-26-28-12                | 12/30/84  | 02/06/86        | 274                    | 14,045                       | 519,151                            | ACTIVE      |
| 338   | C- 9-27-12                | 12/21/84  | 02/06/86        | 12                     | 4,731                        | 47,908                             | ACTIVE      |
| 340   | E-24-29-13                | 03/02/85  | 05/09/85        |                        |                              | 59,046                             | RC-FS       |

| GALLEGOS CANYON UNIT SHALLOW PRODUCTION DATA      |                           |           |                 |                        |                              |                                    |          |
|---|---------------------------|-----------|-----------------|------------------------|------------------------------|------------------------------------|----------|
| WELL NO   | LOCATION UNIT-SEC-TWN-RGE | COMP DATE | FIRST GAS SALES | CURRENT EST. DEL MCFPD | CY 1994 TOTAL PRODUCTION MCF | CUMULATIVE PRODUCTION, MCF 01/1/95 | STATUS   |
| PC PARTICIPATING AREA - PICTURED CLIFFS PRODUCERS |                           |           |                 |                        |                              |                                    |          |
| 342   | E-14-28-12                | 02/07/85  | 12/06/85        | 107                    | 23,297                       | 206,674                            | ACTIVE   |
| 343   | A-26-28-12                | 01/03/85  | 02/06/87        | 316                    | 121,128                      | 548,653                            | ACTIVE   |
| 350   | I-33-29-12                | 09/09/85  | 01/02/86        | 0                      | 0                            | 26,773                             | INACTIVE |
| 352   | A-14-28-12                | 08/25/85  | 02/15/87        | 132                    | 29,445                       | 163,890                            | ACTIVE   |
| 353   | I-22-28-12                | 08/20/85  | 01/02/86        | 295                    | 109,938                      | 448,475                            | ACTIVE   |
| 354   | I-29-28-12                | 08/25/85  | 02/13/87        | 471                    | 183,554                      | 833,720                            | ACTIVE   |
| 355   | K- 4-27-12                | 08/23/88  | 02/06/86        | 40                     | 14,923                       | 158,315                            | ACTIVE   |
| 363   | B-26-29-13                | 05/27/88  | 08/02/89        |                        |                              | 59,672                             | RC-BFC   |
| 364   | D-25-29-13                | 05/23/88  | 08/29/89        | 137                    | 55,399                       | 243,227                            | ACTIVE   |
| 365   | P-25-29-13                | 05/25/88  | 08/29/89        | 490                    | 202,155                      | 640,275                            | ACTIVE   |
| 367   | F-31-29-12                | 05/26/88  | 09/14/89        | 673                    | 123,311                      | 779,773                            | ACTIVE   |
| 368   | C-26-28-12                | 07/13/88  | 01/09/90        | 287                    | 118,621                      | 379,297                            | ACTIVE   |
| PC PA AREA TOTAL                                  |                           |           |                 | 17,955                 | 5,120,727                    | 109,519,472                        |          |



| GALLEGOS CANYON UNIT SHALLOW PRODUCTION DATA            |                           |           |                 |                         |                              |                                    |        |
|---|---------------------------|-----------|-----------------|-------------------------|------------------------------|------------------------------------|--------|
| WELL NO   | LOCATION UNIT-SEC-TWN-RGE | COMP DATE | FIRST GAS SALES | CURRENT EST. DEL. MCFPD | CY 1994 TOTAL PRODUCTION MCF | CUMULATIVE PRODUCTION, MCF 01/1/95 | STATUS |
| NON - PC PARTICIPATING AREA - PICTURED CLIFFS PRODUCERS |                           |           |                 |                         |                              |                                    |        |
| 500   | C-13-29-13                | 01/06/91  | 01/17/92        | 723                     | 263,217                      | 751,212                            | ACTIVE |
| 501   | J-13-29-13                | 02/21/91  | 01/20/92        | 721                     | 297,538                      | 958,698                            | ACTIVE |
| 502   | E-18-29-12                | 01/17/91  | 07/08/92        | 986                     | 361,953                      | 746,844                            | ACTIVE |
| 503   | O-18-29-12                | 02/28/91  | 10/25/91        | 572                     | 225,570                      | 631,365                            | ACTIVE |
| 504   | C-17-29-12                | 11/15/90  | 01/14/92        | 189                     | 60,734                       | 172,654                            | ACTIVE |
| 505   | P-17-29-12                | 12/16/90  | 01/23/92        | 526                     | 181,393                      | 452,389                            | ACTIVE |
| 506   | L-16-29-12                | 01/01/91  | 01/10/92        | 315                     | 122,121                      | 479,569                            | ACTIVE |
| 507   | D-20-29-12                | 11/20/90  | 01/17/92        | 427                     | 134,162                      | 411,229                            | ACTIVE |
| 508   | D-21-29-12                | 11/22/90  | 01/10/92        | 521                     | 189,694                      | 551,745                            | ACTIVE |
| 509   | D-28-29-12                | 02/18/91  | 01/20/92        | 195                     | 80,006                       | 159,781                            | ACTIVE |
| 510   | B-28-29-12                | 03/06/91  | 09/13/93        | 175                     | 53,649                       | 67,684                             | ACTIVE |
| 511   | D-26-29-12                | 02/23/91  | 08/15/91        | 217                     | 82,855                       | 383,004                            | ACTIVE |
| 512   | J-26-29-12                | 02/20/91  | 09/04/91        | 341                     | 136,156                      | 466,863                            | ACTIVE |
| 513   | H-34-29-12                | 12/07/90  | 08/03/92        | 0                       | 114,602                      | 360,400                            | ACTIVE |
| 514   | O-34-29-12                | 12/07/90  | 08/07/92        | 0                       | 30,816                       | 106,123                            | ACTIVE |
| 515   | H-35-29-12                | 12/13/90  | 08/03/92        | 569                     | 219,236                      | 679,382                            | ACTIVE |
| 516   | L- 7-28-11                | 01/24/91  | 10/03/91        | 478                     | 182,752                      | 682,190                            | ACTIVE |
| 517   | H-18-28-11                | 02/27/91  | 07/25/91        | 718                     | 199,863                      | 879,415                            | ACTIVE |
| 518   | M-25-29-12                | 02/04/92  | 05/15/93        | 78                      | 29,977                       | 54,212                             | ACTIVE |
| 519   | N-21-29-12                | 04/28/94  | 10/27/94        | 301                     | 16,843                       | 16,843                             | ACTIVE |
| 520   | J-22-29-12                | 12/18/91  | 01/12/93        | 436                     | 159,576                      | 397,189                            | ACTIVE |
| 521   | L-36-29-12                | 12/11/91  | 08/03/92        | 583                     | 204,225                      | 601,729                            | ACTIVE |
| 522   | C-22-29-12                | 04/19/94  | 07/19/94        | 459                     | 82,660                       | 82,660                             | ACTIVE |
| 523   | E-35-29-12                | 12/14/91  | 08/07/92        | 584                     | 212,855                      | 524,397                            | ACTIVE |
| 525   | N-26-29-12                | 12/08/92  | 04/19/93        | 562                     | 159,711                      | 288,071                            | ACTIVE |
| 526   | B-27-29-12                | 11/19/92  | 05/06/93        | 266                     | 134,163                      | 276,733                            | ACTIVE |
| 527   | P-27-29-12                | 04/18/94  | 07/15/94        | 531                     | 78,902                       | 78,902                             | ACTIVE |
| 528   | D-36-29-12                | 05/16/94  | 09/13/94        | 351                     | 39,978                       | 39,978                             | ACTIVE |
| 529   | J-36-29-12                | 05/23/94  | 09/23/94        | 608                     | 55,254                       | 55,254                             | ACTIVE |
| 532   | H-26-29-12                | 04/08/94  | 06/27/94        | 285                     | 39,803                       | 39,803                             | ACTIVE |
| 533   | L-22-29-12                | 11/20/92  | 05/28/93        | 476                     | 216,046                      | 432,660                            | ACTIVE |
| 535   | N-13-29-13                | 05/19/94  | 10/20/94        | 491                     | 33,875                       | 33,875                             | ACTIVE |
| 536   | A-13-29-13                | 05/07/94  | 10/20/94        | 428                     | 29,622                       | 29,622                             | ACTIVE |
| 537   | B-18-29-12                | 05/09/94  | 11/02/94        | 613                     | 34,215                       | 34,215                             | ACTIVE |
| 538   | M-17-29-12                | 05/03/94  | NA              | 0                       | 0                            | 0                                  | WOPL   |
| 539   | H-20-29-12                | 05/31/94  | 10/22/94        | 393                     | 23,934                       | 23,934                             | ACTIVE |
| <b>STRIP AREA TOTAL</b>                                 |                           |           |                 | <b>15,116</b>           | <b>4,487,956</b>             | <b>11,950,624</b>                  |        |
| <b>TOTAL UNIT PRODUCTION</b>                            |                           |           |                 | <b>33,071</b>           | <b>9,608,683</b>             | <b>121,470,096</b>                 |        |

| GALLEGOS CANYON UNIT SHALLOW PRODUCTION DATA                 |                           |           |                 |                        |                              |                                    |            |
|--|---------------------------|-----------|-----------------|------------------------|------------------------------|------------------------------------|------------|
| WELL NO  | LOCATION UNIT-SEC-TWN-RGE | COMP DATE | FIRST GAS SALES | CURRENT EST. DEL MCFPD | CY 1994 TOTAL PRODUCTION MCF | CUMULATIVE PRODUCTION, MCF 01/1/95 | STATUS     |
| PC PARTICIPATING AREA - BASIN FRUITLAND COAL (BFC) PRODUCERS |                           |           |                 |                        |                              |                                    |            |
| 1  | K-19-29-12                | 04/05/92  | 12/01/92        | 427                    | 119,356                      | 150,312                            | ACTIVE     |
| 3  | L-24-28-12                | 11/15/93  | 12/13/93        | 426                    | 140,489                      | 164,183                            | ACTIVE     |
| 4  | G-34-28-12                | 03/02/94  | 04/27/94        | 205                    | 37,731                       | 37,731                             | ACTIVE     |
| 5  | H-13-28-13                | 02/22/92  | 05/14/92        | 610                    | 219,238                      | 464,682                            | ACTIVE     |
| 6  | L-22-28-12                | 11/17/93  | 12/29/93        | 143                    | 58,463                       | 71,316                             | ACTIVE     |
| 7  | A-30-28-12                | 05/01/92  | NA              |                        | 0                            | 0                                  | WOPL       |
| 9  | K-32-28-12                | 10/06/92  | 12/03/92        | 321                    | 117,453                      | 278,146                            | ACTIVE     |
| 10   | K-33-28-12                | 10/19/92  | NA              |                        | 0                            | 0                                  | WOPL       |
| 13   | M-27-28-12                | 03/09/94  | 05/12/94        | 146                    | 28,498                       | 28,498                             | ACTIVE     |
| 16   | B-27-28-12                | 11/01/93  | 12/08/93        | 131                    | 61,315                       | 76,676                             | ACTIVE     |
| 18   | H-21-28-12                | 11/07/93  | 12/08/93        | 0                      | 57,675                       | 75,938                             | ACTIVE     |
| 19   | H-20-28-12                | 02/23/92  | 05/15/92        | 432                    | 163,635                      | 528,574                            | ACTIVE     |
| 20   | M-17-28-12                | 08/25/92  | 10/29/92        | 458                    | 180,795                      | 436,414                            | ACTIVE     |
| 22   | G-18-28-12                | 09/07/92  | 11/11/92        | 325                    | 126,419                      | 302,104                            | ACTIVE     |
| 32   | N- 7-28-12                | 09/07/92  | 11/11/92        | 311                    | 165,214                      | 417,518                            | ACTIVE     |
| 33   | M-21-28-12                | 10/28/93  | 12/08/93        | 375                    | 145,473                      | 179,473                            | ACTIVE     |
| 34   | K-28-28-12                | 02/14/94  | 03/30/94        | 298                    | 78,901                       | 78,901                             | ACTIVE     |
| 35   | K-20-28-12                | 10/25/92  | NA              |                        | 0                            | 0                                  | WOPL       |
| 36   | H-19-28-12                | 08/25/92  | 10/29/92        | 648                    | 267,241                      | 672,793                            | ACTIVE     |
| 39   | M-16-28-12                | 12/02/93  | 01/14/94        | 467                    | 154,083                      | 154,083                            | ACTIVE     |
| 40   | A-29-28-12                | 03/15/94  | 04/15/94        | 410                    | 86,068                       | 86,068                             | ACTIVE     |
| 41   | A-32-28-12                | NA        | NA              |                        |                              |                                    | COMPLETING |
| 42   | N-12-28-13                | NA        | NA              |                        |                              |                                    | COMPLETING |
| 53   | M-36-28-12                | 09/19/92  | 11/13/92        | 317                    | 117,942                      | 309,634                            | ACTIVE     |
| 55   | G-35-28-12                | 03/17/94  | 05/22/94        | 417                    | 80,843                       | 80,843                             | ACTIVE     |
| 57   | M-35-28-12                | 10/19/92  | NA              |                        | 0                            | 0                                  | WOPL       |
| 59   | M-31-28-11                | 09/19/92  | 12/09/92        | 641                    | 244,889                      | 566,135                            | ACTIVE     |
| 61   | A- 4-27-12                | 09/30/92  | 12/14/92        | 512                    | 170,849                      | 343,094                            | ACTIVE     |
| 63   | G- 5-27-12                | NA        | NA              |                        |                              |                                    | COMPLETING |
| 66   | G-35-29-13                | 09/29/92  | 01/11/93        | 291                    | 165,116                      | 362,275                            | ACTIVE     |
| 67   | B-22-28-12                | NA        | NA              | 0                      | 0                            | 0                                  | INACTIVE   |
| 72   | G-36-28-13                | 08/16/91  | 12/04/91        | 402                    | 134,923                      | 322,456                            | ACTIVE     |
| 76   | N-23-28-12                | 11/17/93  | NA              |                        | 0                            | 0                                  | WOPL       |
| 79   | A- 9-27-12                | 03/09/94  | 10/24/94        | 87                     | 2,700                        | 2,700                              | ACTIVE     |
| 80   | A- 6-27-12                | 10/06/92  | 02/22/94        | 118                    | 32,351                       | 32,351                             | ACTIVE     |
| 128  | H-25-28-12                | 03/15/94  | NA              |                        | 0                            | 0                                  | WOPL       |
| 295  | M-10-28-12                | NA        | NA              |                        | 0                            | 0                                  | COMPLETING |
| 309  | N- 9-28-12                | NA        | NA              |                        | 0                            | 0                                  | COMPLETING |
| 323  | M-32-29-12                | 05/04/94  | 12/20/94        | 100                    | 1,004                        | 1,004                              | ACTIVE     |
| 363  | B-26-29-13                | 03/10/94  | 06/09/94        | 458                    | 65,632                       | 65,632                             | ACTIVE     |
| 377  | N-24-29-13                | 04/19/90  | 11/05/90        | 634                    | 214,458                      | 613,522                            | ACTIVE     |
| 378  | K-34-28-12                | 06/30/90  | 11/02/90        | 188                    | 73,410                       | 294,106                            | ACTIVE     |
| 392  | M-26-29-13                | 11/30/90  | NA              |                        | 0                            | 0                                  | WOPL       |
| 393  | N-25-29-13                | 11/29/90  | 11/05/91        | 342                    | 223,485                      | 825,151                            | ACTIVE     |
| 394  | N-30-29-12                | 02/01/91  | 11/20/91        | 129                    | 28,831                       | 254,060                            | ACTIVE     |
| 395  | B-30-29-12                | 01/12/91  | 10/22/91        | 596                    | 182,730                      | 716,634                            | ACTIVE     |

| GALLEGOS CANYON UNIT SHALLOW PRODUCTION DATA |                           |           |                 |                         |                              |                                    |        |
|--|---------------------------|-----------|-----------------|-------------------------|------------------------------|------------------------------------|--------|
| WELL NO                                      | LOCATION UNIT-SEC-TWN-RGE | COMP DATE | FIRST GAS SALES | CURRENT EST. DEL. MCFPD | CY 1994 TOTAL PRODUCTION MCF | CUMULATIVE PRODUCTION, MCF 01/1/95 | STATUS |
| 396  | M-35-29-13                | 03/24/91  | 11/22/91        | 155                     | 127,618                      | 462,087                            | ACTIVE |
| 397  | K-36-29-13                | 02/08/91  | 11/12/91        | 292                     | 148,968                      | 579,012                            | ACTIVE |
| 399  | H-24-29-13                | 06/13/94  | NA              |                         | 0                            | 0                                  | WOPL   |
| 402  | G-36-29-13                | 07/15/94  | NA              |                         | 0                            | 0                                  | WOPL   |
| 421  | L-31-29-12                | 07/25/94  | NA              |                         | 0                            | 0                                  | WOPL   |
| PC PA AREA TOTAL                             |                           |           |                 | 11,813                  | 4,223,796                    | 10,034,106                         |        |

| GALLEGOS CANYON UNIT SHALLOW PRODUCTION DATA                       |                           |           |                 |                         |                              |                                    |        |
|--|---------------------------|-----------|-----------------|-------------------------|------------------------------|------------------------------------|--------|
| WELL NO  | LOCATION UNIT-SEC-TWN-RGE | COMP DATE | FIRST GAS SALES | CURRENT EST. DEL. MCFPD | CY 1994 TOTAL PRODUCTION MCF | CUMULATIVE PRODUCTION, MCF 01/1/95 | STATUS |
| NON - PC PARTICIPATING AREA - BASIN FRUITLAND COAL (BFC) PRODUCERS |                           |           |                 |                         |                              |                                    |        |
| 381  | H-20-29-12                | 06/04/90  | 01/10/92        | 94                      | 48,850                       | 209,598                            | ACTIVE |
| 382  | N-13-29-13                | 11/26/90  | 01/10/92        | 442                     | 143,472                      | 484,707                            | ACTIVE |
| 383  | B-18-29-12                | 05/24/90  | 01/11/92        | 351                     | 155,633                      | 314,451                            | ACTIVE |
| 384  | M-21-29-12                | 05/25/90  | 03/12/92        | 278                     | 116,745                      | 342,282                            | ACTIVE |
| 385  | M-17-29-12                | 05/25/90  | 01/23/92        | 323                     | 146,587                      | 478,833                            | ACTIVE |
| 386  | A-13-29-13                | 11/10/90  | 07/08/92        | 239                     | 89,738                       | 258,966                            | ACTIVE |
| 387  | M-18-29-12                | 02/28/91  | 07/19/91        | 60                      | 61,360                       | 225,061                            | ACTIVE |
| 388  | G-17-29-12                | 11/15/90  | 01/26/93        | 600                     | 201,886                      | 349,787                            | ACTIVE |
| 389  | G-21-29-12                | 12/05/90  | 07/17/91        | 594                     | 241,206                      | 816,903                            | ACTIVE |
| 390  | N-23-29-13                | 10/19/92  | NA              | 0                       | 0                            | 0                                  | WOPL   |
| 391  | A-23-29-13                | 10/06/92  | NA              | 0                       | 0                            | 0                                  | WOPL   |
| 410  | K-35-29-12                | 12/20/92  | 05/25/93        | 424                     | 166,910                      | 305,452                            | ACTIVE |
| 411  | M-34-29-12                | 01/04/93  | NA              | 0                       | 0                            | 0                                  | WOPL   |
| 412  | M-12-28-12                | 12/20/92  | 03/11/94        | 349                     | 82,008                       | 82,008                             | ACTIVE |
| 414  | M-18-28-11                | 02/11/93  | 03/11/94        | 255                     | 54,006                       | 54,006                             | ACTIVE |
| 416  | G-19-28-11                | 02/22/93  | 03/22/94        | 61                      | 20,649                       | 20,649                             | ACTIVE |
| 417  | K-19-28-11                | 02/11/93  | 03/22/94        | 214                     | 35,523                       | 35,523                             | ACTIVE |
| 418  | L-13-28-12                | 02/15/93  | 03/11/94        | 562                     | 139,627                      | 139,627                            | ACTIVE |
| STRIP AREA TOTAL   |                           |           |                 | 4,842                   | 1,704,200                    | 4,117,853                          |        |
| TOTAL UNIT PRODUCTION  |                           |           |                 | 16,655                  | 5,927,996                    | 14,151,959                         |        |

| GALLEGOS CANYON UNIT SHALLOW PRODUCTION DATA                               |                           |           |                 |                         |                              |                                    |          |
|--|---------------------------|-----------|-----------------|-------------------------|------------------------------|------------------------------------|----------|
| WELL NO  | LOCATION UNIT-SEC-TWN-RGE | COMP DATE | FIRST GAS SALES | CURRENT EST. DEL. MCFPD | CY 1994 TOTAL PRODUCTION MCF | CUMULATIVE PRODUCTION, MCF 01/1/95 | STATUS   |
| PC PARTICIPATING AREA  |                           |           |                 |                         |                              |                                    |          |
| N. PINON FRUITLAND SAND (NPFS) AND W. KUTZ FRUITLAND SAND (WKFS) PRODUCERS |                           |           |                 |                         |                              |                                    |          |
| 28   | A-30-29-12                | 11/03/90  | 05/13/91        | 110                     | 19,544                       | 87,760                             | ACTIVE   |
| 306  | I-19-29-12                | 08/18/80  | 01/31/81        | 0                       | 0                            | 56,698                             | INACTIVE |
| 309  | N- 9-28-12                | 05/25/81  | 06/30/83        | 0                       | 0                            | 106,918                            | RC-BFC   |
| 310  | J- 9-28-12                | 05/30/81  | 03/25/82        | 26                      | 6,555                        | 265,390                            | ACTIVE   |
| 312  | B-16-28-12                | 05/05/81  | 03/25/82        | 67                      | 20,925                       | 640,074                            | ACTIVE   |
| 319  | F-30-28-12                | 08/13/81  | 04/02/84        | 0                       | 0                            | 12,980                             | RC-PC    |
| 328  | N-33-29-12                | 02/05/81  | 03/19/82        | 54                      | 22,978                       | 451,312                            | ACTIVE   |
| 331  | E-29-29-12                | 07/06/88  | 06/12/89        | 102                     | 23,437                       | 179,318                            | ACTIVE   |
| 340  | E-24-29-13                | 09/09/89  | 11/01/89        | 199                     | 35,382                       | 146,936                            | ACTIVE   |
| 341  | E-16-28-12                | 04/10/85  | 11/18/86        | 13                      | 4,438                        | 50,682                             | ACTIVE   |
| 344  | K-29-29-12                | 02/19/85  | 05/06/85        | 67                      | 21,165                       | 254,533                            | ACTIVE   |
| 346  | E-15-28-12                | 02/18/85  | 05/03/85        | 10                      | 3,768                        | 57,490                             | ACTIVE   |
| 347  | J-15-28-12                | 12/28/84  | 01/17/85        | 94                      | 27,785                       | 472,563                            | ACTIVE   |
| 351  | P-10-28-12                | 09/26/85  | 12/03/85        | 7                       | 2,271                        | 23,615                             | ACTIVE   |
| 356  | G-19-29-12                | 07/19/85  | 11/13/86        | 66                      | 20,768                       | 176,514                            | ACTIVE   |
| 357  | A-29-29-12                | 07/21/85  | 09/25/85        | 63                      | 23,657                       | 313,272                            | ACTIVE   |
| 358  | O-29-29-12                | 07/24/85  | 01/31/86        | 106                     | 24,948                       | 220,936                            | ACTIVE   |
| 359  | M-10-28-12                | 08/14/85  | 11/18/85        | 103                     | 35,959                       | 585,356                            | ACTIVE   |
| 360  | D-14-28-12                | 07/25/85  | 10/24/85        | 51                      | 14,012                       | 234,060                            | ACTIVE   |
| 361  | B-15-28-12                | 07/30/85  | 11/27/85        | 29                      | 9,133                        | 139,284                            | ACTIVE   |
| TOTAL FRUITLAND SAND   |                           |           |                 | 1,166                   | 316,725                      | 4,475,691                          |          |

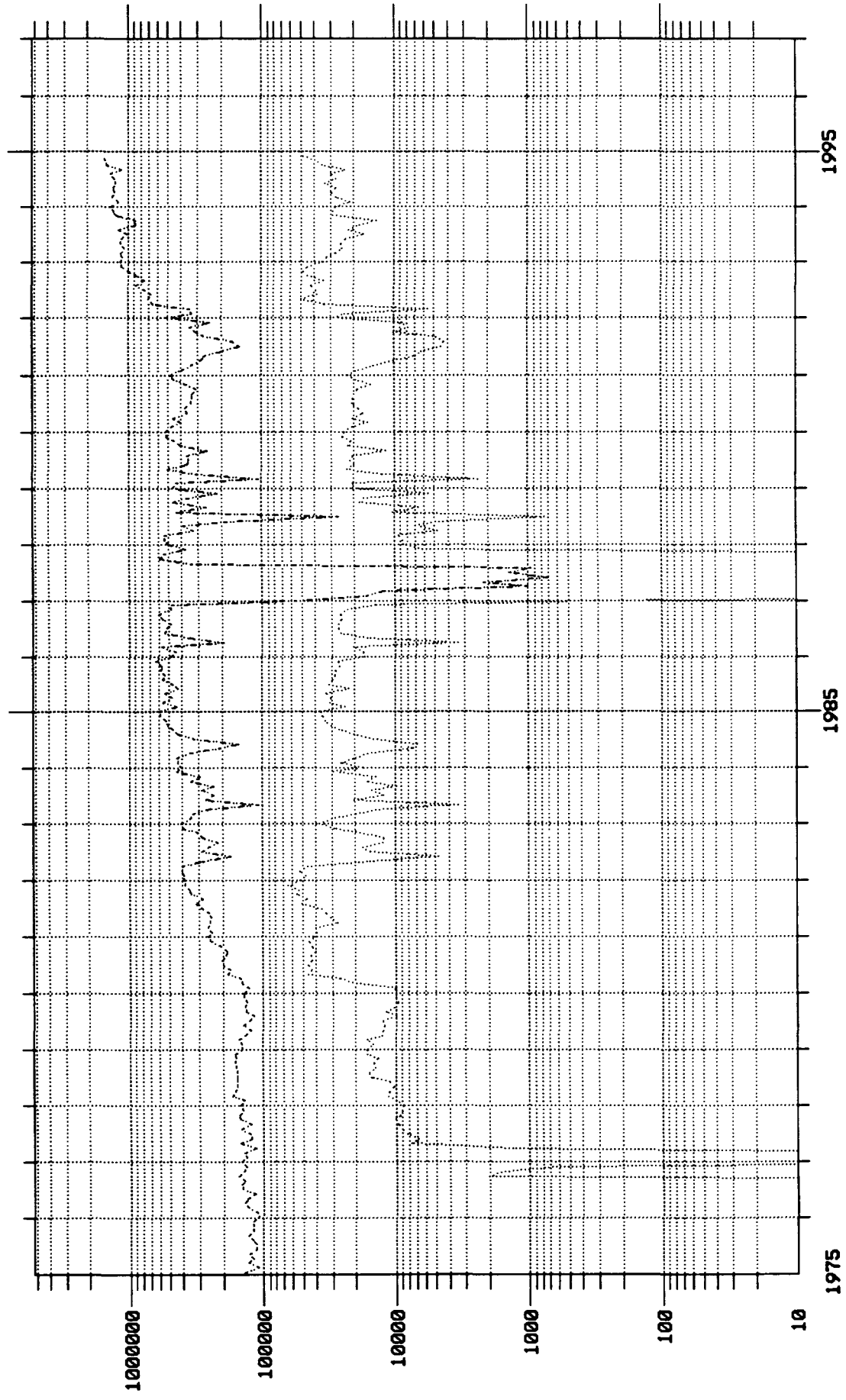
| WELL NO                           | LOCATION UNIT-SEC-TWN-RGE | COMP DATE | FIRST GAS SALES | CURRENT EST. DEL. MCFPD | CY 1994 TOTAL PRODUCTION MCF | CUMULATIVE PRODUCTION, MCF 01/1/95 | STATUS |
|-----------------------------------|---------------------------|-----------|-----------------|-------------------------|------------------------------|------------------------------------|--------|
| NON-UNIT FRUITLAND SAND PRODUCERS |                           |           |                 |                         |                              |                                    |        |
| J82                               | M-28-29-12                | 08/30/66  | 03/23/67        | 18                      | 7289                         | 180112                             | ACTIVE |
| 77                                | M-18-29-12                | 06/23/59  | 04/05/60        | 43                      | 13690                        | 612684                             | ACTIVE |
| TOTAL                             |                           |           |                 | 61                      | 20979                        | 792796                             |        |

| WELL NO                 | LOCATION UNIT-SEC-TWN-RGE | COMP DATE | FIRST GAS SALES | CURRENT EST. DEL. MCFPD | CY 1994 TOTAL PRODUCTION MCF | CUMULATIVE PRODUCTION, MCF 01/1/95 | STATUS |
|-------------------------|---------------------------|-----------|-----------------|-------------------------|------------------------------|------------------------------------|--------|
| UNDESIGNATED FARMINGTON |                           |           |                 |                         |                              |                                    |        |
| 274                     | P-20-28-12                | 08/25/81  | 10/02/81        | 8                       | 1831                         | 67327                              | ACTIVE |

Calculated  
 Oil .....  
 Gas .....  
 Water .....

Gallegos Canyon Unit  
 Production Rate vs Time  
 BBl/Mo or Mcf/Mo vs Months  
 Total Unit Production  
 For the Period 01/1975 to 01/1995

Production  
 Oil .....  
 Gas .....  
 Water .....



1995

1985

1975

1000000

100000

10000

1000

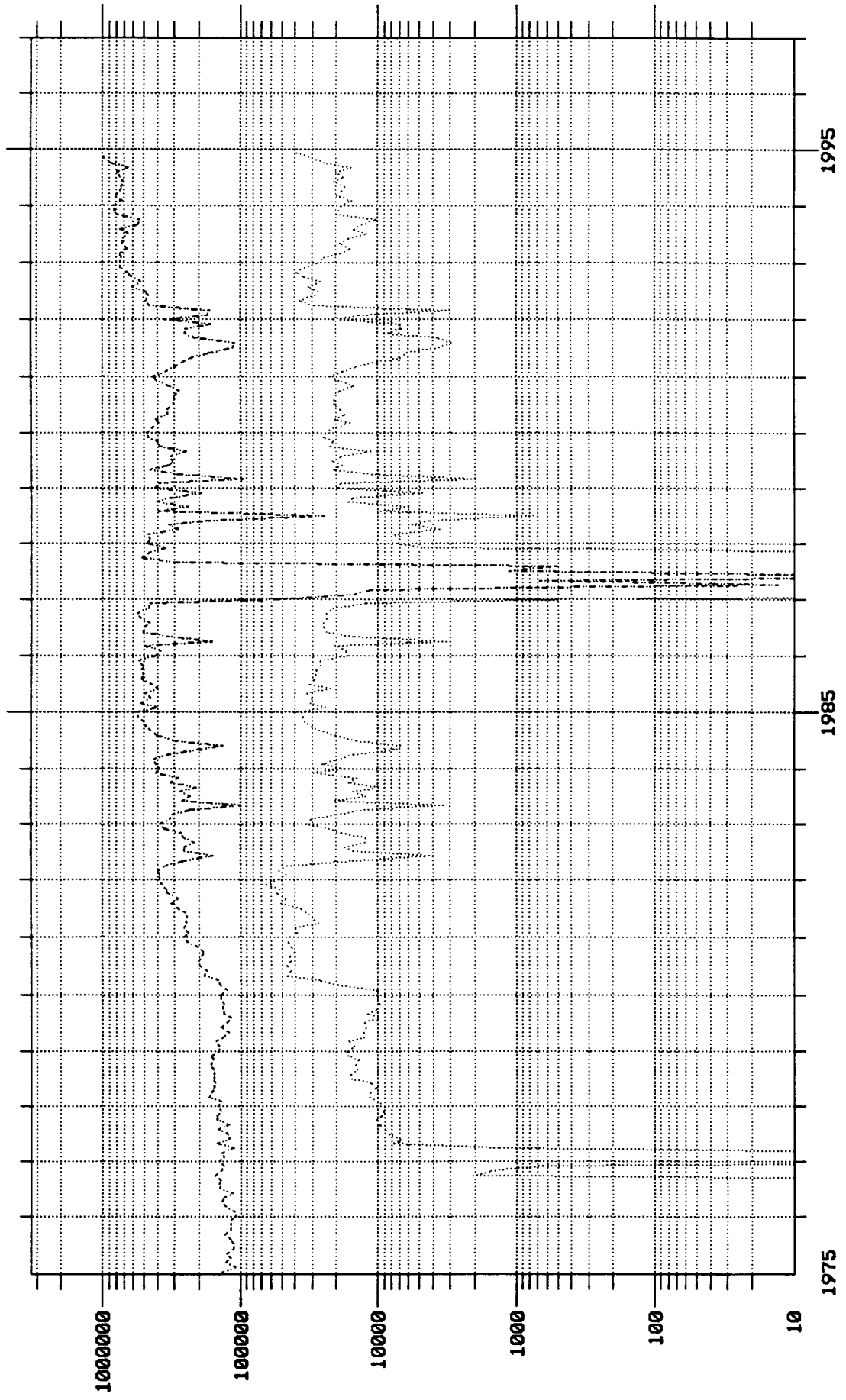
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Calculated  
 Oil .....  
 Gas .....  
 Water .....

Gallegos Canyon Unit  
 Production Rate vs Time  
 BBl/Mo or Mcf/Mo vs Months  
 West Kutz Pictured Cliffs Production  
 For the Period 01/1975 to 01/1995

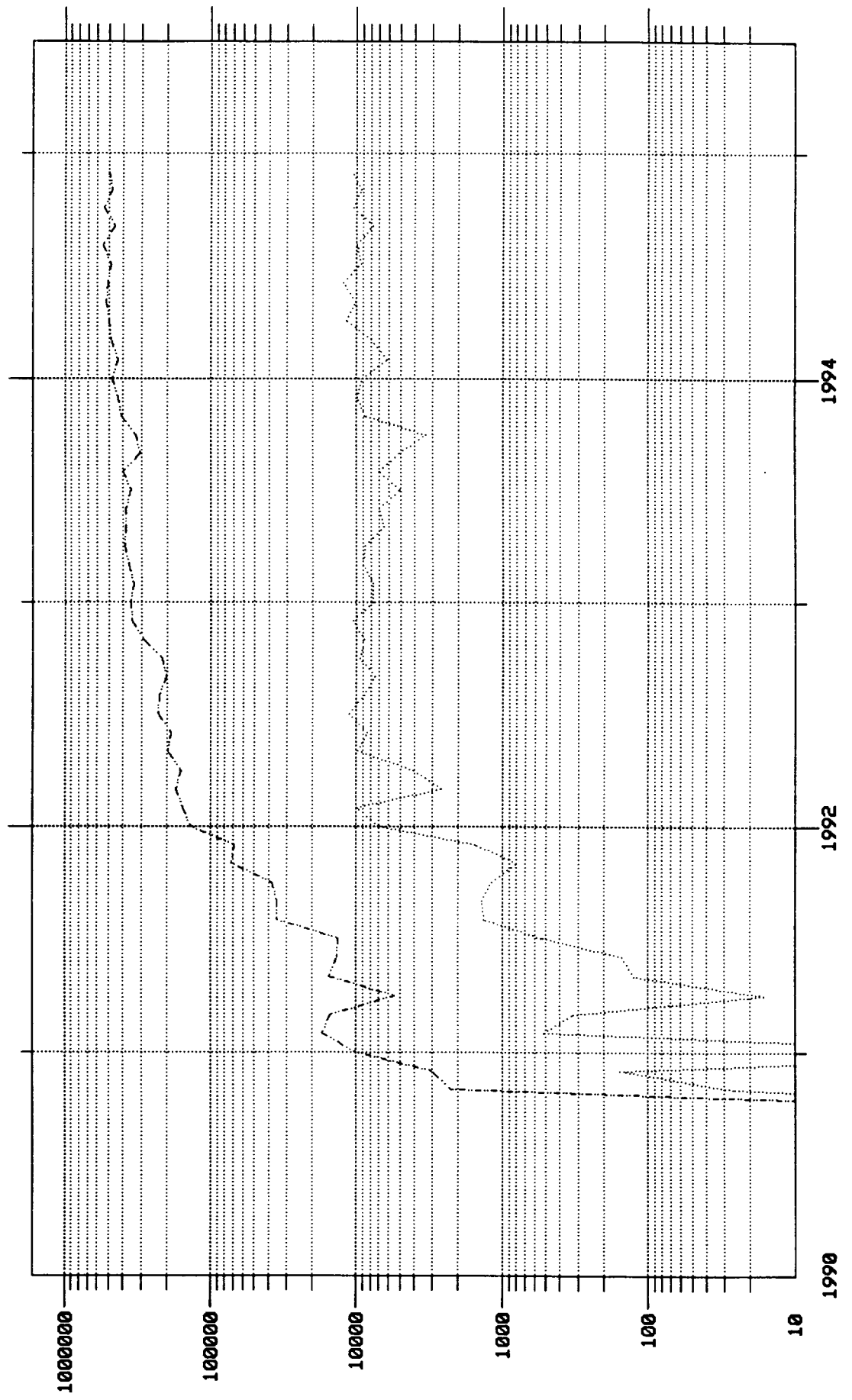
Production  
 Oil .....  
 Gas .....  
 Water .....



Calculated  
 Oil .....  
 Gas .....  
 Water - - -

Gallegos Canyon Unit  
 Production Rate vs Time  
 BBl/Mo or Mcf/Mo vs Months  
 Basin Fruitland Coal Production  
 For the Period 01/1990 to 01/1995

Production  
 Oil .....  
 Gas .....  
 Water .....  
 Basin Fruitland Coal Production

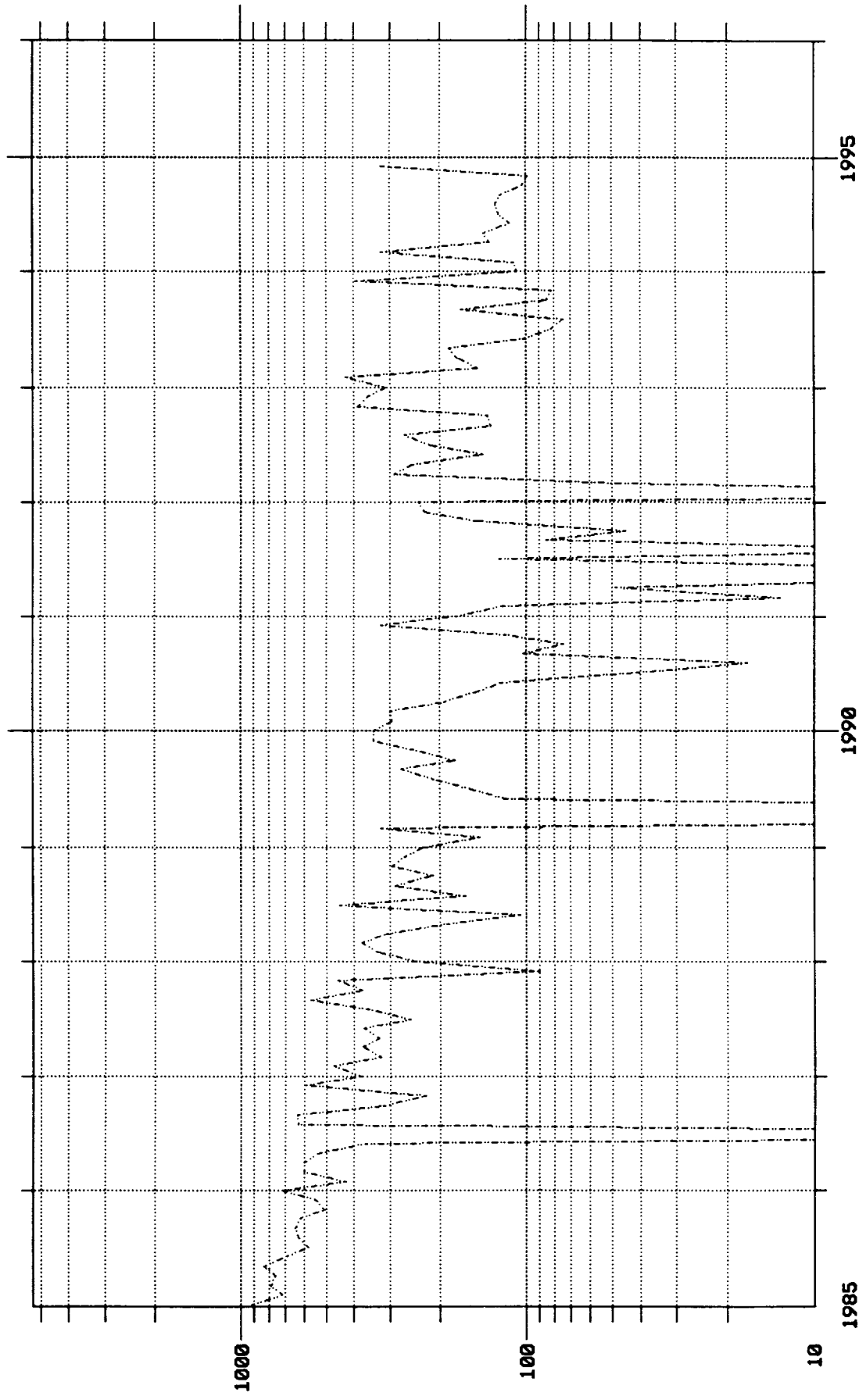




Calculated  
 Oil .....  
 Gas .....  
 Water - - -

Gallegos Canyon Unit  
 Production Rate vs Time  
 BBl/Mo or Mcf/Mo vs Months  
 Farmington Sand Production  
 For the Period 01/1985 to 01/1995

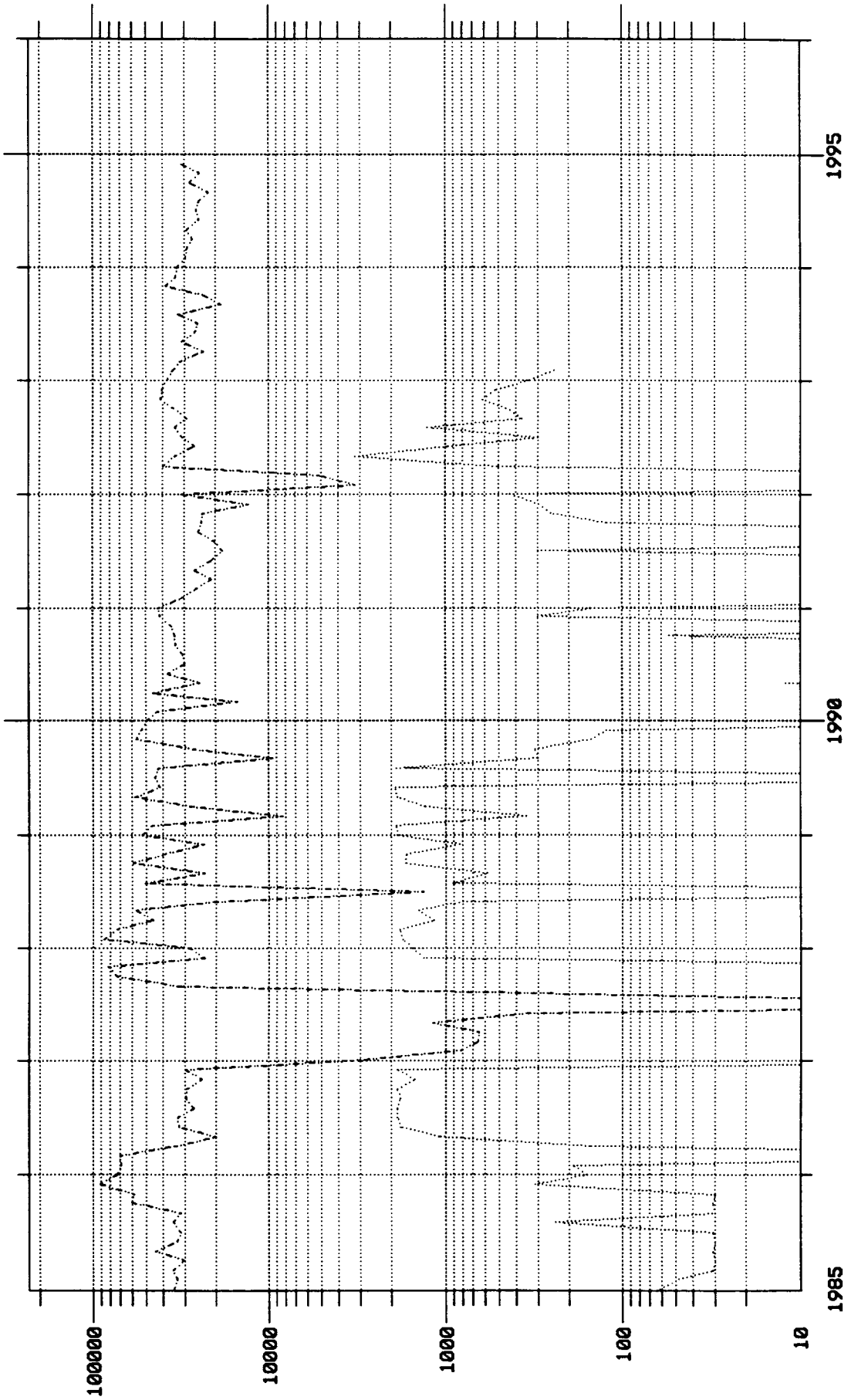
Production  
 Oil .....  
 Gas .....  
 Water - - -



Calculated  
 Oil .....  
 Gas .....  
 Water .....

Gallegos Canyon Unit  
 Production Rate vs Time  
 BBl/Mo or Mcf/Mo vs Months  
 Fruitland Sand Production  
 For the Period 01/1985 to 01/1995

Production  
 Oil .....  
 Gas .....  
 Water .....





OIL CONSERVATION DIVISION  
RECEIVED  
FEB 28 1995

Southern

Rockies

Business

Unit

February 27, 1995

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Department of Interior  
Bureau of Land Management  
Office of District Engineer  
1235 La Plata Highway  
Farmington, New Mexico 87401

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

New Mexico State Land Office  
Oil and Gas Development  
P. O. Box 1148  
Santa Fe, NM 87301-1148

Re: 1994 Review of Operations  
1995 Plan of Development  
Gallegos Canyon Unit  
San Juan County, New Mexico

Ladies and Gentlemen:

Amoco Production Company, as Unit Operator for the Gallegos Canyon Unit as to depths below the base of the Pictured Cliffs formation, submits for your approval the attached Review of 1994 Operations and 1995 Plan of Development.

If you find this Plan of Development acceptable, please so indicate by signing in the space provided on the attached sheet and returning it to Amoco at the address below. If you have any questions, please feel free to call me at (303) 830-4844.

Yours very truly,

Julie T. Jenkins  
Senior Land Negotiator

JAT/ms

encl

xc: All Working Interest Owners  
(See attached list)

**Gallegos Canyon Unit  
1995 Plan of Development**

**APPROVED:** \_\_\_\_\_ Dated: \_\_\_\_\_  
Bureau of Land Management  
(Subject to like approval by the Commissioner of Public  
Lands and the Oil Conservation District)

**APPROVED:** \_\_\_\_\_ Dated: \_\_\_\_\_  
Commissioner of Public Lands  
(Subject to like approval by the Bureau of Land Management  
and the Oil Conservation District)

**APPROVED:** \_\_\_\_\_ Dated: \_\_\_\_\_  
Oil Conservation District  
(Subject to like approval by the Bureau of Land Management  
and the Commissioner of Public Lands)

The foregoing approvals are for the 1995 Plan of Development for the Gallegos Canyon Unit.

**1995 Plan of Development**  
*Gallegos Canyon Unit*  
*San Juan County, New Mexico*

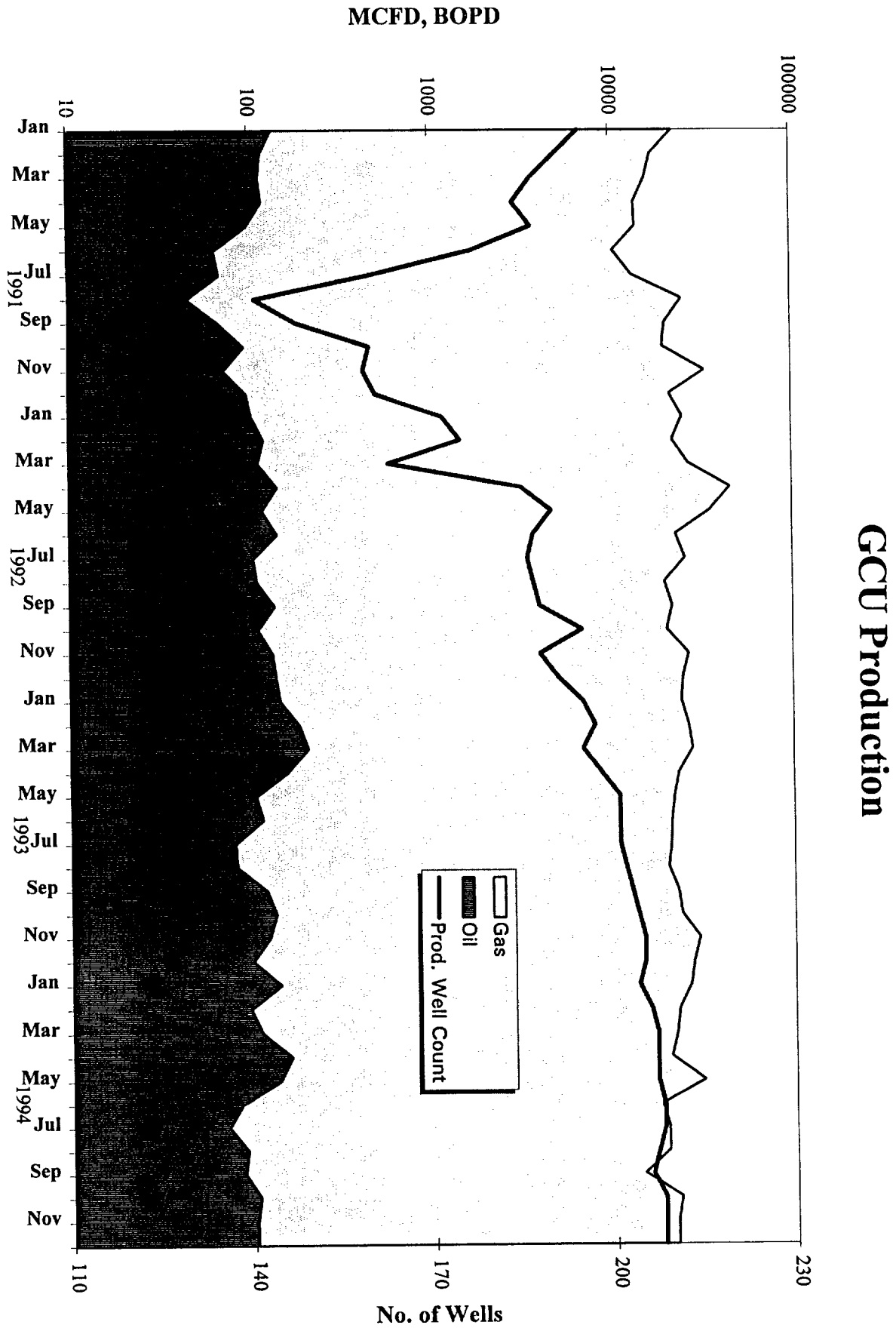
**Review of 1994 Operations**

During 1994 Amoco Production Company, as operator of the Gallegos Canyon Unit, did not drill any wells. The Gallegos Canyon Unit 230 was recompleted into the Gallup formation and is waiting for first delivery. The Gallegos Canyon Unit 150 was plugged and abandoned. The unit produced an average of 21,505 MCFD (Attachment 1) over the course of the year. There are currently 208 active Dakota wells, 4 active Gallup wells, and 4 active Fruitland Sand wells within the unit (Attachment 2).

**1995 Plan of Development**

No wells are proposed for drilling during 1995. Included as Attachment 3 are wells is a project list of major projects within the unit. The Gallup recompletion program will be evaluated in 1994 and working interest owners will be notified of possible developmental opportunities.

Please address any questions or comments concerning the Gallegos Canyon Unit to Mark Yamasaki (303/830-5841) in Denver.



# **Gallegos Canyon Unit Proposed Major Work for 1995**

## **Open New Pay**

GCU 189

## **Plug and Abandonment**

GCU 154

GCU 199

GCU 147

GCU 182E

GCU 213E

GCU 239

GCU 254

## **Recompletion to the Gallup**

GCU 243

GCU 137

Gallegos Canyon Unit Wells

| WELLNAME             | No. | FRMTN  | SEC | TWN | RNG | STATUS    |
|----------------------|-----|--------|-----|-----|-----|-----------|
| GALLEGOS CANYON UNIT | 8   | Dakota | 22  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 83  | Dakota | 26  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 85  | Dakota | 19  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 86  | Dakota | 35  | 29  | 13  | Producing |
| GALLEGOS CANYON UNIT | 89  | Dakota | 6   | 27  | 12  | Producing |
| GALLEGOS CANYON UNIT | 90  | Dakota | 35  | 28  | 13  | Producing |
| GALLEGOS CANYON UNIT | 93  | Dakota | 36  | 29  | 12  | Producing |
| GALLEGOS CANYON UNIT | 95  | Dakota | 31  | 28  | 11  | Producing |
| GALLEGOS CANYON UNIT | 96  | Dakota | 18  | 29  | 12  | Producing |
| GALLEGOS CANYON UNIT | 102 | Dakota | 13  | 29  | 13  | Producing |
| GALLEGOS CANYON UNIT | 106 | Dakota | 24  | 29  | 13  | Producing |
| GALLEGOS CANYON UNIT | 107 | Dakota | 19  | 29  | 12  | Producing |
| GALLEGOS CANYON UNIT | 108 | Dakota | 13  | 29  | 13  | Producing |
| GALLEGOS CANYON UNIT | 109 | Dakota | 18  | 29  | 12  | Producing |
| GALLEGOS CANYON UNIT | 110 | Dakota | 19  | 29  | 12  | Producing |
| GALLEGOS CANYON UNIT | 111 | Dakota | 20  | 29  | 12  | Producing |
| GALLEGOS CANYON UNIT | 124 | Dakota | 35  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 133 | Dakota | 17  | 29  | 12  | Producing |
| GALLEGOS CANYON UNIT | 134 | Dakota | 17  | 29  | 12  | Producing |
| GALLEGOS CANYON UNIT | 135 | Dakota | 26  | 29  | 13  | Producing |
| GALLEGOS CANYON UNIT | 137 | Dakota | 36  | 28  | 13  | Producing |
| GALLEGOS CANYON UNIT | 138 | Dakota | 7   | 28  | 11  | Producing |
| GALLEGOS CANYON UNIT | 139 | Dakota | 18  | 28  | 11  | Producing |
| GALLEGOS CANYON UNIT | 145 | Dakota | 26  | 29  | 12  | Producing |
| GALLEGOS CANYON UNIT | 146 | Dakota | 6   | 27  | 12  | Producing |
| GALLEGOS CANYON UNIT | 147 | Dakota | 4   | 27  | 12  | Producing |
| GALLEGOS CANYON UNIT | 150 | Dakota | 22  | 29  | 12  | Producing |
| GALLEGOS CANYON UNIT | 151 | Dakota | 21  | 29  | 12  | Producing |
| GALLEGOS CANYON UNIT | 152 | Dakota | 21  | 29  | 12  | Producing |
| GALLEGOS CANYON UNIT | 154 | Dakota | 27  | 29  | 12  | Producing |
| GALLEGOS CANYON UNIT | 155 | Dakota | 23  | 28  | 13  | Producing |
| GALLEGOS CANYON UNIT | 156 | Dakota | 26  | 28  | 13  | Producing |
| GALLEGOS CANYON UNIT | 157 | Dakota | 35  | 28  | 13  | Producing |
| GALLEGOS CANYON UNIT | 158 | Dakota | 36  | 28  | 13  | Shut-in   |
| GALLEGOS CANYON UNIT | 159 | Dakota | 31  | 28  | 12  | Shut-in   |
| GALLEGOS CANYON UNIT | 163 | Dakota | 26  | 29  | 13  | Producing |
| GALLEGOS CANYON UNIT | 164 | Dakota | 35  | 29  | 13  | Producing |
| GALLEGOS CANYON UNIT | 165 | Dakota | 29  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 166 | Dakota | 34  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 167 | Dakota | 18  | 28  | 11  | Producing |
| GALLEGOS CANYON UNIT | 168 | Dakota | 19  | 28  | 11  | Producing |
| GALLEGOS CANYON UNIT | 169 | Dakota | 35  | 29  | 12  | Producing |
| GALLEGOS CANYON UNIT | 170 | Dakota | 35  | 29  | 12  | Producing |
| GALLEGOS CANYON UNIT | 171 | Dakota | 25  | 29  | 13  | Producing |
| GALLEGOS CANYON UNIT | 172 | Dakota | 25  | 29  | 13  | Producing |
| GALLEGOS CANYON UNIT | 173 | Dakota | 29  | 29  | 12  | Producing |
| GALLEGOS CANYON UNIT | 174 | Dakota | 28  | 28  | 12  | Producing |



Gallegos Canyon Unit Wells

| WELLNAME             | No. | FRMTN  | SEC | TWN | RNG | STATUS    |
|----------------------|-----|--------|-----|-----|-----|-----------|
| GALLEGOS CANYON UNIT | 175 | Dakota | 25  | 28  | 13  | Producing |
| GALLEGOS CANYON UNIT | 176 | Dakota | 25  | 28  | 13  | Producing |
| GALLEGOS CANYON UNIT | 177 | Dakota | 31  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 178 | Dakota | 4   | 27  | 12  | Producing |
| GALLEGOS CANYON UNIT | 182 | Dakota | 19  | 28  | 11  | Producing |
| GALLEGOS CANYON UNIT | 184 | Dakota | 28  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 185 | Dakota | 33  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 186 | Dakota | 33  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 187 | Dakota | 30  | 29  | 12  | Shut-in   |
| GALLEGOS CANYON UNIT | 188 | Dakota | 30  | 29  | 12  | Producing |
| GALLEGOS CANYON UNIT | 189 | Dakota | 36  | 29  | 13  | Shut-in   |
| GALLEGOS CANYON UNIT | 190 | Dakota | 32  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 191 | Dakota | 32  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 192 | Dakota | 30  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 193 | Dakota | 30  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 194 | Dakota | 5   | 27  | 12  | Producing |
| GALLEGOS CANYON UNIT | 195 | Dakota | 33  | 29  | 12  | Producing |
| GALLEGOS CANYON UNIT | 196 | Dakota | 19  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 197 | Dakota | 36  | 29  | 13  | Producing |
| GALLEGOS CANYON UNIT | 198 | Dakota | 20  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 199 | Dakota | 34  | 29  | 12  | Shut-in   |
| GALLEGOS CANYON UNIT | 200 | Dakota | 29  | 29  | 12  | Producing |
| GALLEGOS CANYON UNIT | 201 | Dakota | 12  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 202 | Dakota | 33  | 29  | 12  | Producing |
| GALLEGOS CANYON UNIT | 203 | Dakota | 13  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 204 | Dakota | 34  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 205 | Dakota | 17  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 206 | Dakota | 10  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 207 | Dakota | 14  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 208 | Dakota | 15  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 209 | Dakota | 15  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 210 | Dakota | 31  | 29  | 12  | Producing |
| GALLEGOS CANYON UNIT | 211 | Dakota | 32  | 29  | 12  | Producing |
| GALLEGOS CANYON UNIT | 212 | Dakota | 32  | 29  | 12  | Producing |
| GALLEGOS CANYON UNIT | 213 | Dakota | 8   | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 214 | Dakota | 16  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 215 | Dakota | 16  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 216 | Dakota | 14  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 217 | Dakota | 13  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 218 | Dakota | 22  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 219 | Dakota | 23  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 221 | Dakota | 31  | 29  | 12  | Producing |
| GALLEGOS CANYON UNIT | 222 | Dakota | 7   | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 223 | Dakota | 9   | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 224 | Dakota | 18  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 226 | Dakota | 18  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 227 | Dakota | 20  | 28  | 12  | Producing |

Gallegos Canyon Unit Wells

| WELLNAME             | No.      | FRMTN  | SEC | TWN | RNG | STATUS    |
|----------------------|----------|--------|-----|-----|-----|-----------|
| GALLEGOS CANYON UNIT | 228      | Dakota | 21  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 229      | Dakota | 21  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 230      | Dakota | 23  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 231      | Dakota | 27  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 232      | Dakota | 26  | 28  | 12  | Shut-in   |
| GALLEGOS CANYON UNIT | 233      | Dakota | 27  | 28  | 12  | Shut-in   |
| GALLEGOS CANYON UNIT | 234      | Dakota | 14  | 28  | 13  | Producing |
| GALLEGOS CANYON UNIT | 235      | Dakota | 13  | 28  | 13  | Producing |
| GALLEGOS CANYON UNIT | 237      | Dakota | 13  | 28  | 13  | Producing |
| GALLEGOS CANYON UNIT | 239      | Dakota | 24  | 28  | 13  | Shut-in   |
| GALLEGOS CANYON UNIT | 240      | Dakota | 24  | 28  | 13  | Producing |
| GALLEGOS CANYON UNIT | 241      | Dakota | 29  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 242      | Dakota | 24  | 28  | 12  | Shut-in   |
| GALLEGOS CANYON UNIT | 243      | Dakota | 24  | 28  | 12  | Shut-in   |
| GALLEGOS CANYON UNIT | 244      | Dakota | 36  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 245      | Dakota | 36  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 246      | Dakota | 35  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 247      | Dakota | 5   | 27  | 12  | Producing |
| GALLEGOS CANYON UNIT | 262      | Dakota | 24  | 29  | 13  | Shut-in   |
| GALLEGOS CANYON UNIT | 263      | Dakota | 20  | 29  | 12  | Producing |
| GALLEGOS CANYON UNIT | 264      | Dakota | 17  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 265      | Dakota | 25  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 400      | Dakota | 25  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | /DAKOTA/ | Dakota | 8   | 28  | 12  | Shut-in   |
| GALLEGOS CANYON UNIT | 102E     | Dakota | 13  | 29  | 13  | Producing |
| GALLEGOS CANYON UNIT | 106E     | Dakota | 24  | 29  | 13  | Producing |
| GALLEGOS CANYON UNIT | 108E     | Dakota | 13  | 29  | 13  | Producing |
| GALLEGOS CANYON UNIT | 109E     | Dakota | 18  | 29  | 12  | Producing |
| GALLEGOS CANYON UNIT | 110E     | Dakota | 19  | 29  | 12  | Producing |
| GALLEGOS CANYON UNIT | 111E     | Dakota | 20  | 29  | 12  | Producing |
| GALLEGOS CANYON UNIT | 124E     | Dakota | 35  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 133E     | Dakota | 17  | 29  | 12  | Producing |
| GALLEGOS CANYON UNIT | 134E     | Dakota | 17  | 29  | 12  | Producing |
| GALLEGOS CANYON UNIT | 135E     | Dakota | 26  | 29  | 13  | Producing |
| GALLEGOS CANYON UNIT | 137E     | Dakota | 36  | 28  | 13  | Producing |
| GALLEGOS CANYON UNIT | 138E     | Dakota | 7   | 28  | 11  | Producing |
| GALLEGOS CANYON UNIT | 139E     | Dakota | 18  | 28  | 11  | Producing |
| GALLEGOS CANYON UNIT | 145E     | Dakota | 26  | 29  | 12  | Producing |
| GALLEGOS CANYON UNIT | 147E     | Dakota | 4   | 27  | 12  | Producing |
| GALLEGOS CANYON UNIT | 150E     | Dakota | 22  | 29  | 12  | Producing |
| GALLEGOS CANYON UNIT | 151E     | Dakota | 21  | 29  | 12  | Producing |
| GALLEGOS CANYON UNIT | 152E     | Dakota | 21  | 29  | 12  | Producing |
| GALLEGOS CANYON UNIT | 153E     | Dakota | 28  | 29  | 12  | Producing |
| GALLEGOS CANYON UNIT | 154E     | Dakota | 27  | 29  | 12  | Producing |
| GALLEGOS CANYON UNIT | 155E     | Dakota | 23  | 28  | 13  | Shut-in   |
| GALLEGOS CANYON UNIT | 156E     | Dakota | 26  | 28  | 13  | Producing |
| GALLEGOS CANYON UNIT | 157E     | Dakota | 35  | 28  | 13  | Producing |

Gallegos Canyon Unit Wells

| WELLNAME             | No.  | FRMTN  | SEC | TWN | RNG | STATUS    |
|----------------------|------|--------|-----|-----|-----|-----------|
| GALLEGOS CANYON UNIT | 158E | Dakota | 36  | 28  | 13  | Producing |
| GALLEGOS CANYON UNIT | 159E | Dakota | 31  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 163E | Dakota | 26  | 29  | 13  | Producing |
| GALLEGOS CANYON UNIT | 164E | Dakota | 35  | 29  | 13  | Producing |
| GALLEGOS CANYON UNIT | 165E | Dakota | 29  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 166E | Dakota | 34  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 167E | Dakota | 18  | 28  | 11  | Producing |
| GALLEGOS CANYON UNIT | 168E | Dakota | 19  | 28  | 11  | Producing |
| GALLEGOS CANYON UNIT | 169E | Dakota | 35  | 29  | 12  | Producing |
| GALLEGOS CANYON UNIT | 170E | Dakota | 35  | 29  | 12  | Producing |
| GALLEGOS CANYON UNIT | 172E | Dakota | 25  | 29  | 13  | Producing |
| GALLEGOS CANYON UNIT | 173E | Dakota | 29  | 29  | 12  | Producing |
| GALLEGOS CANYON UNIT | 174E | Dakota | 28  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 175E | Dakota | 25  | 28  | 13  | Producing |
| GALLEGOS CANYON UNIT | 176E | Dakota | 25  | 28  | 13  | Producing |
| GALLEGOS CANYON UNIT | 178E | Dakota | 4   | 27  | 12  | Producing |
| GALLEGOS CANYON UNIT | 182E | Dakota | 19  | 28  | 11  | Shut-in   |
| GALLEGOS CANYON UNIT | 183E | Dakota | 9   | 27  | 12  | Producing |
| GALLEGOS CANYON UNIT | 184E | Dakota | 28  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 185E | Dakota | 33  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 186E | Dakota | 33  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 187E | Dakota | 30  | 29  | 12  | Producing |
| GALLEGOS CANYON UNIT | 188E | Dakota | 30  | 29  | 12  | Producing |
| GALLEGOS CANYON UNIT | 189E | Dakota | 36  | 29  | 13  | Producing |
| GALLEGOS CANYON UNIT | 190E | Dakota | 32  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 191E | Dakota | 32  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 192E | Dakota | 30  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 193E | Dakota | 30  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 194E | Dakota | 5   | 27  | 12  | Producing |
| GALLEGOS CANYON UNIT | 195E | Dakota | 33  | 29  | 12  | Producing |
| GALLEGOS CANYON UNIT | 196E | Dakota | 19  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 197E | Dakota | 36  | 29  | 13  | Producing |
| GALLEGOS CANYON UNIT | 199E | Dakota | 34  | 29  | 12  | Producing |
| GALLEGOS CANYON UNIT | 200E | Dakota | 29  | 29  | 12  | Producing |
| GALLEGOS CANYON UNIT | 201E | Dakota | 11  | 28  | 12  | Shut-in   |
| GALLEGOS CANYON UNIT | 202E | Dakota | 33  | 29  | 12  | Producing |
| GALLEGOS CANYON UNIT | 203E | Dakota | 13  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 204E | Dakota | 34  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 207E | Dakota | 14  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 208E | Dakota | 15  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 209E | Dakota | 15  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 210E | Dakota | 31  | 29  | 12  | Shut-in   |
| GALLEGOS CANYON UNIT | 211E | Dakota | 32  | 29  | 12  | Producing |
| GALLEGOS CANYON UNIT | 212E | Dakota | 32  | 29  | 12  | Producing |
| GALLEGOS CANYON UNIT | 214E | Dakota | 16  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 216E | Dakota | 14  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 218E | Dakota | 22  | 28  | 12  | Producing |

Gallegos Canyon Unit Wells

| WELLNAME             | No.    | FRMTN     | SEC | TWN | RNG | STATUS    |
|----------------------|--------|-----------|-----|-----|-----|-----------|
| GALLEGOS CANYON UNIT | 219E   | Dakota    | 23  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 221E   | Dakota    | 31  | 29  | 12  | Producing |
| GALLEGOS CANYON UNIT | 222E   | Dakota    | 12  | 28  | 13  | Producing |
| GALLEGOS CANYON UNIT | 226E   | Dakota    | 18  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 227E   | Dakota    | 20  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 228E   | Dakota    | 21  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 229E   | Dakota    | 21  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 231E   | Dakota    | 27  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 232E   | Dakota    | 26  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 233E   | Dakota    | 27  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 235E   | Dakota    | 13  | 28  | 13  | Producing |
| GALLEGOS CANYON UNIT | 236E   | Dakota    | 14  | 28  | 13  | Shut-in   |
| GALLEGOS CANYON UNIT | 237E   | Dakota    | 13  | 28  | 13  | Producing |
| GALLEGOS CANYON UNIT | 238E   | Dakota    | 23  | 28  | 13  | Producing |
| GALLEGOS CANYON UNIT | 239E   | Dakota    | 24  | 28  | 13  | Producing |
| GALLEGOS CANYON UNIT | 240E   | Dakota    | 24  | 28  | 13  | Shut-in   |
| GALLEGOS CANYON UNIT | 242E   | Dakota    | 24  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 243E   | Dakota    | 24  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 244E   | Dakota    | 36  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 245E   | Dakota    | 36  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 246E   | Dakota    | 35  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 247E   | Dakota    | 5   | 27  | 12  | Producing |
| GALLEGOS CANYON UNIT | 262E   | Dakota    | 24  | 29  | 13  | Producing |
| GALLEGOS CANYON UNIT | 263E   | Dakota    | 20  | 29  | 12  | Producing |
| GALLEGOS CANYON UNIT | 265E   | Dakota    | 25  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 400E   | Dakota    | 25  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 83E    | Dakota    | 26  | 28  | 12  | Shut-in   |
| GALLEGOS CANYON UNIT | 84E    | Dakota    | 26  | 28  | 13  | Producing |
| GALLEGOS CANYON UNIT | 85E    | Dakota    | 19  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 86E    | Dakota    | 35  | 29  | 13  | Producing |
| GALLEGOS CANYON UNIT | 89E    | Dakota    | 6   | 27  | 12  | Producing |
| GALLEGOS CANYON UNIT | 8E     | Dakota    | 22  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 90E    | Dakota    | 35  | 28  | 13  | Producing |
| GALLEGOS CANYON UNIT | 93E    | Dakota    | 36  | 29  | 12  | Producing |
| GALLEGOS CANYON UNIT | 95E    | Dakota    | 31  | 28  | 11  | Producing |
| GALLEGOS CANYON UNIT | 96E    | Dakota    | 18  | 29  | 12  | Producing |
| GALLEGOS CANYON UNIT | 220    | Fruitland | 13  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 255    | Fruitland | 18  | 28  | 11  | Producing |
| GALLEGOS CANYON UNIT | 230E   | Gallup    | 23  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | D 217E | Gallup    | 13  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 256    | Fruitland | 13  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 261    | Fruitland | 18  | 28  | 11  | Producing |
| GALLEGOS CANYON UNIT | 250    | Gallup    | 14  | 28  | 12  | Producing |
| GALLEGOS CANYON UNIT | 83     | Gallup    | 26  | 28  | 12  | Producing |



State of New Mexico  
Commissioner of Public Lands

RAY POWELL, M.S., D.V.M.  
COMMISSIONER

310 OLD SANTA FE TRAIL P.O. BOX 1148

(505) 827-5760  
FAX (505) 827-5766

SANTA FE, NEW MEXICO 87504-1148

December 22, 1994

BHP Petroleum (Americas) Inc.  
1360 Post Oak Blvd.  
Suite 500  
Houston, Texas 77056-3020

Attention: Mr. Dwight Pickle

Re: Gallegos Canyon Unit  
Commerciality Determinations  
Fruitland Coal Wells  
San Juan County, New Mexico

Dear Mr. Pickle:

This office is in receipt of your letter of September 1, 1994, together with data that supports your commercial determinations regarding the Gallegos Canyon Unit Well Nos. 33, 39, 40, 80, 412, 414 and 418.

The Bureau of Land Management, by their letter of November 29, 1994, has advised this office that they have concurred with your determination that the Gallegos Canyon Unit Well Nos. 412, 414, 418, 40, 3, 33 and 39 are capable of producing unitized substances in paying quantities from the Fruitland Formation. In addition, the commercial determinations of the Unit Well Nos. 18, 6, 16 and 80 have been deferred until a later date due to limited production.

Please be advised that the Commissioner of Public Lands concurs with BHP Petroleum (Americas) Inc. and the Bureau of Land Management's determinations that the Gallegos Canyon Unit Well Nos. 412, 414, 418, 40, 3, 33 and 39 are commercial in the Fruitland Formation and entitled to participate in the Fruitland Participating Area. The commercial determinations of the Well Nos. 18, 6, 16 and 80 will be deferred until additional production data is submitted.

BHP Petroleum (Americas) Inc.

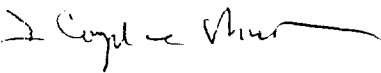
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December 22, 1994

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: 

FLOYD O. PRANDO, Director  
Oil/Gas and Minerals Division

(505) 827-5744

RP/FOP/pm

cc: Reader File

OCD--Attention: Mr. Roy Johnson

TRD--Attention: Mr. Mike Holden

BLM-Farmington--Attention: Mr. Duane Spencer

1 DE 11 8 52

Gallegos Canyon Unit (FRC PA)  
3180 (07327)

NOV 29 1994

Mr. Dwight Pickle  
BHP Petroleum (Americas) Incorporated  
1360 Post Oak Blvd., Suite 500  
Houston, TX 77056-3020

Dear Mr Pickle:

BHP Petroleum submitted eleven Fruitland Coal wells for Paying Well Determination. All of the wells are located in the Gallegos Canyon Unit. We have concluded our review and determined that the following wells are capable of producing unitized substances in paying quantities:

|                              |                             |
|------------------------------|-----------------------------|
| No. 412 Gallegos Canyon Unit | Sec. 12, T. 28 N., R. 12 W. |
| No. 414 Gallegos Canyon Unit | Sec. 18, T. 28 N., R. 11 W. |
| No. 418 Gallegos Canyon unit | Sec. 13, T. 28 N., R. 12 W. |
| No. 40 Gallegos Canyon Unit  | Sec. 29, T. 28 N., R. 12 W. |
| No. 3 Gallegos Canyon Unit   | Sec. 24, T. 28 N., R. 12 W. |
| No. 33 Gallegos Canyon Unit  | Sec. 21, T. 28 N., R. 12 W. |
| No. 39 Gallegos Canyon Unit  | Sec. 16, T. 28 N., R. 12 W. |

We are deferring our determination on the following wells until a later date due to limited production data. Please re-submit these wells after you have acquired 3-6 months of additional production data.

|                             |                             |
|-----------------------------|-----------------------------|
| No. 18 Gallegos Canyon Unit | Sec. 21, T. 28 N., R. 12 W. |
| No. 6 Gallegos Canyon Unit  | Sec. 22, T. 28 N., R. 12 W. |
| No. 16 Gallegos Canyon Unit | Sec. 27, T. 28 N., R. 12 W. |
| No. 80 Gallegos Canyon Unit | Sec. 6, T. 28 N., R. 12 W.  |

Under provisions of 43 CFR 3165.3, you may request an Administrative Review of the orders described above. Such request, including all supporting documents, must be filed in writing within 20 business days of receipt of this notice and must be filed with the State Director, Bureau of Land Management, P. O. Box 27115, Santa Fe, New Mexico 87502-0115. Such request shall not result in a suspension of the orders unless the reviewing official so determines. Procedures governing appeals from instructions, orders or decisions are contained in 43 CFR 3165.4 and 43 CFR 4.400 et seq.

If you have any questions regarding this correspondence, please contact Ray Hager (505) 599-6366.

Sincerely,

*/s/ Duane W. Spencer*

Duane W. Spencer  
Chief, Branch of Reservoir Management

cc:  
See Attached List

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

New Mexico Oil Conservation Division  
310 Old Santa Fe Trail, Room 206 ✓  
Santa Fe, New Mexico 87503



CONSERVATION DIVISION

RECEIVED

August 17, 1994

1994 AUG 22 AM 8 50



Department of Interior  
Bureau of Land Management  
P.O. Box 1449  
Santa Fe, NM 87504

Department of Interior  
Bureau of Land Management  
Office of District Engineering  
1235 La Plata Highway  
Farmington, NM 87401

Americas Division  
**BHP Petroleum**

New Mexico State Land Office  
Oil & Gas Development  
P.O. Box 1148  
Santa Fe, NM 87504-1148

State of New Mexico  
Oil Conservation Commission  
P.O. Box 2088  
Santa Fe, NM 87504

RE: Second Amendment to 1994 Plan of Development  
Gallegos Canyon Unit  
GCU Well #42  
San Juan County, New Mexico

Gentlemen:

BHP Petroleum (Americas) Inc. proposes to amend our approved 1994 Plan of Development by adding a Basin Fruitland Coal recompletion. The GCU #42 was originally completed on November 11, 1953 as a Picture Cliffs formation producer. The well is presently inactive, with cumulative production being 1,167,893 MCF. BHP proposes to recomplete the well in the Basin Fruitland Coal later this year.

BHP respectfully submits this addition to our 1994 Plan of Development for your approval. All work previously proposed in our Initial and First Amendment to the Plan of Development is still scheduled for this year.

If you have any questions, please call me at (713) 961-8437.

Very truly yours,

**BHP PETROLEUM (AMERICAS) INC.**

Dwight Pickle  
Senior Landman

DPP/dpp

**APPROVED:**

\_\_\_\_\_  
DATE

\_\_\_\_\_  
CHIEF, BRANCH OF RESERVOIR  
MANAGEMENT



State of New Mexico  
Commissioner of Public Lands

310 OLD SANTA FE TRAIL P.O. BOX 1148

SANTA FE, NEW MEXICO 87504-1148

RAY POWELL, M.S., D.V.M.  
COMMISSIONER

(505) 827-5760  
FAX (505) 827-5766

July 12, 1994

BHP Petroleum (Americas) Inc.  
1360 Post Oak Blvd.  
Suite 500  
Houston, Texas 77056-3020

Attention: Mr. Dwight Pickle

Re: Commercial Determinations  
Gallegos Canyon Unit  
Pictured Cliffs and Fruitland Formation  
San Juan County, New Mexico

Dear Mr. Pickle:

This office is in receipt of your letter of June 20, 1994, together with data that supports your commercial determinations regarding the following Gallegos Canyon Unit wells.

Pictured Cliffs Wells: Well Nos. 500 thru 518, 520, 521, 523, 525, 526, and 533.

Fruitland Coal Wells: Well Nos. 377, 378, 381 thru 389, 393 thru 397, and 410.

Fruitland Coal Recompletions: Wells Nos. 1, 5, 9, 19, 20, 22, 32, 36, 53, 59, 61, 66, and 72.

The Bureau of Land Management, by their letters of May 23 and June 22, 1994, advised this office that they have concurred with your determination that the above-mentioned wells are capable of producing unitized substances in paying quantities from the Pictured Cliffs and Fruitland Formations.

Please be advised that the Commissioner of Public Lands concurs with BHP Petroleum (Americas) Inc. and the Bureau of Land Management's determinations that the above-mentioned wells are commercial in the Pictured Cliffs and Fruitland Coal Formations. Please submit an application for the appropriate expansion of the Fruitland Coal and Pictured Cliffs Participating Areas to this office for approval.

BHP Petroleum (Americas) Inc.

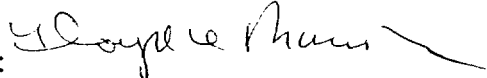
Page

July 12, 1994

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: 

FLOYD O. PRANDO, Director

Oil/Gas and Minerals Division

(505) 827-5744

RP/FOP/cpm

cc: Reader File

BLM

TRD

OCD

OLD JUNGER... N DIV ST...  
REC-181  
194 JUN 22 PM 8 50

**Gallegos Canyon Unit (PA)  
3180 (07327)**

JUN 22 1994

**BHP Petroleum  
Attention: Dwight Pickle  
1360 Post Oak Blvd., Suite 500  
Houston, TX 77056-3020**

**Dear Mr Pickle:**

**BHP Petroleum submitted the following Fruitland Coal wells for Paying Well Determination. All of the wells are located in the Gallegos Canyon Unit.**

|         |         |
|---------|---------|
| GCU #1  | GCU #36 |
| GCU #5  | GCU #53 |
| GCU #9  | GCU #59 |
| GCU #19 | GCU #61 |
| GCU #20 | GCU #66 |
| GCU #22 | GCU #72 |
| GCU #32 |         |

**We have concluded our review and concur with your determination that all of the referenced wells are capable of producing unitized substances in paying quantities.**

**We appreciate the detailed and accurate submittals which enable our personnel to process your applications with no unnecessary delays.**

**Under provisions of 43 CFR 3165.3, you may request an Administrative Review of the order(s) described above. Such request, including all supporting documents, must be filed in writing within 20 business days of receipt of this notice and must be filed with the State Director, Bureau of Land Management, P. O. Box 27115, Santa Fe, New Mexico 87502-0115. Such request shall not result in a suspension of the order(s) unless the reviewing official so determines. Procedures governing appeals from instructions, orders or decisions are contained in 43 CFR 3165.4 and 43 CFR 4.400 *et seq.***

If you have any questions regarding this correspondence, please contact Ray Hager (505) 599-6366.

Sincerely,

/s/ Duane Spencer

Duane Spencer  
Chief, Branch of Reservoir Management

**Enclosure**

1- Application, Paying Well Determination

cc:

Minerals Management Service  
Royalty Management Program  
Reference Data Branch  
P.O. Box 5760 - (MS-3240)  
Denver, CO 80217

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

New Mexico Oil Conservation Division  
310 Old Santa Fe Trail, Room 206  
Santa Fe, NM 87503

247



June 20, 1994

Department of Interior  
Bureau of Land Management  
P.O. Box 1449  
Santa Fe, NM 87504

Department of Interior  
Bureau of Land Management  
Office of District Engineering  
1235 La Plata Highway Americas Division  
Farmington, NM 87401 **BHP Petroleum**

New Mexico State Land Office  
Oil & Gas Development  
P.O. Box 1148  
Santa Fe, NM 87504-1148

State of New Mexico  
Oil Conservation Commission  
P.O. Box 2088  
Santa Fe, NM 87504

RE: First Amendment to 1994 Plan of Development  
Gallegos Canyon Unit  
GCU #267 Well  
Picture Cliffs, Fruitland and farmington Formations  
San Juan County, New Mexico

Gentlemen:

BHP Petroleum (Americas) Inc. proposes to amend our approved 1994 Plan of Development by adding a workover job on the GCU #267 well. The GCU #267 well was inadvertently overlooked and not included in our proposed Development Plan for 1994. A review of the completion history and open hole logs indicate that this well is an excellent candidate for restimulation in the Picture Cliffs interval.

BHP respectfully submits this addition to our 1994 Plan of Development for your approval. All work proposed in the initial Plan of Development is still scheduled for this year.

Sincerely yours,  
**BHP PETROLEUM (AMERICAS) INC.**

Dwight Pickle  
Senior Landman

**APPROVED:**

\_\_\_\_\_  
DATE CHIEF, BRANCH OF RESERVOIR  
MANAGEMENT

Norbert Geniusz  
1405 E. Central Rd. Apt. 120C  
Arlington Heights, IL 60005

Dwight Pickle  
BHP Petroleum  
1360 Post Oak Blvd. Suite 500  
Houston, TX 77056

Gallegos Canyon Unit  
Working Interest Owners  
See attached address list

Department of Interior  
Bureau of Land Management  
P.O. Box 1449  
Santa Fe, NM 87504

RECEIVED  
BUREAU OF LAND MANAGEMENT  
SANTA FE, NM 87504

Subject: Expansion of Pictured Cliffs Participating Area or creating a  
new Pictured Cliffs Participating Area

The Unit Operating Agreement date January 1951, Paragraph 11:  
"Establishment of new participating area." This paragraph does not indicate  
that there should be only one Pictured Cliffs Participating Area. The  
precedent for this is the numerous Fruitland Participating Areas that have  
been created.

Paragraph 14: "Change in Participating Area - Investment Adjustment."  
"The affected working interest owners in the participating area before its  
enlargement shall receive credit for the intangible cost of drilling and  
equipping for producing wells capable of producing unitized substances  
situated within the participating area." The same will be true for wells  
joining in the participating area.

Since the Pictured Cliffs Participating Area was created about 50 years  
ago and wells added to it over time, the equipment probably is mostly junk.  
There are 368 wells in the Pictured Cliffs Participating Area. If one were  
to assume that half will not qualify for reimbursement, the balance of about  
184 wells drilled mostly in the early 80's are probably mostly depleted.  
As per BHP, the current delivery from the Pictured Cliffs Participating Area  
is 15419 MCFD (per letter dated April 11, 1994 from BHP) or about 83.79 MCFD  
per well.

The Non-Participating Area Pictured Cliffs has 25 wells and the current  
established delivery is 12045 MCFD or 481.8 MCFD per well. All wells were  
drilled in 1991 through 1993 and are not depleted. There is absolute  
inequality in what is proposed.

Where were the powers to be for the last 20 to 25 years in expanding the participating area. If this had been done, the people in the Non-Participating area could have shared in the production of the Participating Area. Now that the Participating Area is 40 years old and mostly drained, the Participating Area seeks to expand into the Non-Participating Area.

To add insult to injury, after the 20 to 25 years of the Pictured Cliffs Participating Area not having expanded and not withstanding the operating agreement, we had every reason to believe that there would be no change in Pictured Cliffs Non-Participating Area. Therefore, when asked to approve AFE, we did so expecting to retain the well and production.

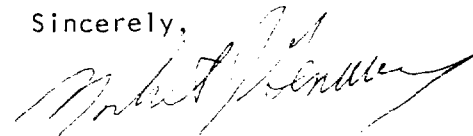
The effect was that if we participated in a dry hole, "too bad." Now, if the well turned out to be a producer and we risked capital, this same story "too bad" because we have to share with the Pictured Cliffs Participating Area when, for the last 20 years, we were not afforded that opportunity.

The solution, I believe, is to grandfather the existing wells now not in the present Pictured Cliffs Participating Area and Fruitland wells located outside the Pictured Cliffs Participating Area for five or six years. Thereafter, all wells should be included in a separate Pictured Cliffs area and not associated with the depleted present Pictured Cliffs Participating Area. Any new well drilled in the separate new Pictured Cliffs area would be part of the new Participating Area. All wells drilled after June 30 would be part of the new Pictured Cliffs Participating Area.

Mr. Pickle of BHP indicated that BML needs to be aware of our concerns. Please write to them and express your beliefs. You can have a strong influence because I do not believe BML intends that there action should redistribute millions of dollars over time.

The above cries out for justice!!

Sincerely,



Norbert Geniusz



WORKING INTEREST OWNERS  
ADDRESS LIST  
Gallegos Canyon Unit

Dugan Production Corporation  
P.O. Box ~~200~~ 420 87499  
Farmington, NM 87401

Paul Slayton  
P.O. Box 2035  
Roswell, NM 88201

Conoco, Inc.  
10 Desta Drive West  
Midland, TX 79705  
Attn: Mr. James W. Fitzpatrick

Donald S. Fulsaa  
Individually and as Executor of  
Russell Fulsaa Estate  
4865 Lowry Road  
Oakland, CA 94605

Marilyn A. Fulsaa  
2440 Bryant Street  
Palo Alto, CA 94301

Richard M. Fulsaa  
West 1417 Kiernan  
Spokane, WA 99250

MMH Trust  
(Margaret Hodges, Trustee)  
P.O. Box 489  
Roswell, NM 88202

Harold Johnson  
251 Bolla Avenue  
Alamo, CA 94502

Margaret C. Johnson  
1114 Laurel Drive  
Lafayette, CA 94549

~~Arley P. Geniusz Trust  
1405 E. Central Road, Apt. 120C  
Arlington Heights, IL 60005~~

Louise Y. Locke  
c/o Don Locke  
P.O. Box 1405  
Rifle, CO 81650

Dorothy Mengotto  
19100 Crest Avenue, No. 10  
Castrol Valley, CA 94546

Meridian Oil Production, Inc.  
P.O. Box 4289  
Farmington, NM 87499

Kerr McGee Corporation  
Attn: Joint Ventures Operations  
One Leadership Square  
211 N. Robinson, Suite 700  
Oklahoma City, OK 73102

Weig Family Trust  
E.H. Weig, Trustee  
6633 Minnehaha Ave.  
Lincolnwood, IL 60646

Texaco, Inc.  
Attn: Joint Operations  
P.O. Box 46555  
Denver, CO 80201-6555

Chase Oil Corporation  
P.O. Box 276  
Artesia, NM 88211-0276

Total Minatome Corporation  
P.O. Box 4326  
Houston, Texas 77210

Wood Oil Company  
3100 Mid-Continent Tower  
Tulsa, OK 74103

Maryan Klinger Trust  
2050 Angelico Circle  
Stockton, CA 95207

Southland Royalty Company  
3535 E. 30th Street  
Farmington, NM 87499

Francis B. Christman, Ind. Executor  
Estate of John Christman  
1500 Broadway, Suite 800  
Lubbock, TX 79401

(continued)

**Francis B. Christman, Individually**  
1500 Broadway, Suite 800  
Lubbock, TX 79401

**Jack Thorton**  
P.O. Box 8734  
Midland, TX 79708

**Manon Markham McMullen**  
2200 Berkley  
Wichita Falls, TX 76308

**Rosalind Redfern**  
P.O. Box 2127  
Midland, TX 79702

**J. H. Herd**  
Box 130  
Midland, TX 79702

**Rod Markham & Jack Markham**  
1500 Broadway, Suite 1212  
Lubbock, TX 79401

**Estate of John J. Redfern, Jr.**  
P.O. Box 50896  
Midland, TX 79710-0896

**Department of Interior**  
**Bureau of Land Management**  
P.O. Box 1449  
Santa Fe, NM 87504

**Department of Interior**  
**Bureau of Land Management**  
**Office of District Engineer**  
1235 La Plata Highway  
Farmington, NM 87401

**New Mexico State Land Office**  
**Oil & Gas Development**  
P.O. Box 1148  
Santa Fe, NM 87504-1148

**State of New Mexico**  
**Oil Conservation Commission**  
P.O. Box 2088  
Santa Fe, NM 87504

5-18-94  
D-Unit letter  
Thx  
Rg

1360 Post Oak Blvd., Suite 500  
Houston, Texas 77056-3020  
Telephone: (713) 961-8500  
Fax: (713) 961-8400

RECEIVED  
MAY 18 1994  
FARMINGTON, NM 87401



May 2, 1994

Department of Interior  
Bureau of Land Management  
P.O. Box 1449  
Santa Fe, NM 87504

Department of Interior  
Bureau of Land Management  
Office of District Engineer  
1235 La Plata Highway  
Farmington, NM 87401

New Mexico State Land Office  
Oil & Gas Development  
P.O. Box 1148  
Santa Fe, NM 87504-1148

State of New Mexico  
Oil Conservation Commission  
P.O. Box 2088  
Santa Fe, NM 87504

Re: **1993 Review of Operations**  
**1994 Plan of Development**  
**Gallegos Canyon Unit**  
**Pictured Cliffs, Fruitland, and Farmington Formations**  
**San Juan County, New Mexico**

Gentlemen:

As sub-operator of certain unit lands within the Gallegos Canyon Unit located in San Juan County, New Mexico, BHP Petroleum (Americas), Inc. submits for your review and approval the following 1993 Review of Operations and the 1994 Plan of Development.

**1993 Review of Operations**

For the BHP Petroleum (Americas) Inc. operated wells within the Gallegos Canyon Unit, the production of gas and water for each reservoir for 1993 and on a cumulative basis through 1/1/94 is shown in Table I. Production curves for each reservoir as well as for the total unit are attached. In addition, well status Tables are attached for each well by producing horizon.

**TABLE I**  
**1993 PRODUCTION AND CUMULATIVE PRODUCTION**

| <u>Formation</u> | <u>1993 PRODUCTION</u> |                  | <u>CUMULATIVE PRODUCTION</u> |                  |
|------------------|------------------------|------------------|------------------------------|------------------|
|                  | <u>Gas, MMCF</u>       | <u>Water, BW</u> | <u>Gas, MMCF</u>             | <u>Water, BW</u> |
| Pictured Cliffs  | 8,414.202              | 210,050          | 110,471.502                  | 3,892,027        |
| Fruitland Coal   | 4,443.657              | 85,861           | 7,949.186                    | 209,137          |
| Fruitland Sand   | 331.666                | 575              | 5,000.825                    | 81,389           |
| Farmington       | 1.926                  | 0                | 64.475                       | 121              |

During 1993, BHP proposed the drilling sixteen (16) development wells. Twelve (12) of these development wells were drilled in the first quarter 1994, and are currently in various stages of completion. During this same period, BHP also proposed the recompletion of twenty-five (25) wells to the Fruitland Coal, of which seven (7) are producing, six (6) are waiting on pipeline connections, and five (5) are in various stages of completion. Results of the 1993 work are summarized in Table II for the development wells and in Table III for the recompletions. The remaining development wells and recompletions listed in the 1993 Plan of Development that were not done, have either been deferred pending further evaluation or are expected to be completed in 1994.

#### 1994 Plan of Development

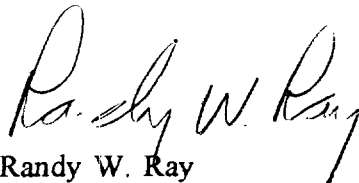
For 1994, a primary emphasis will be placed on performing paying well determinations for all Pictured Cliffs wells outside the existing Pictured Cliffs participating area, all Fruitland Coal wells, and several Fruitland sand producers. Subsequently, the issue of revisions to the existing participating areas and/or creation of new areas will be addressed and resolved. As is the case each year, our on-going evaluation program is designed to eventually include an analysis on every well in the Gallegos Canyon Unit. Producing wells are evaluated for work related to productivity increase or mechanical repair, and non-producing wells are evaluated for repair, stimulation and/or recompletion. Table IV summarizes the ten (10) non-producing wells selected for workover/recompletion during 1994.

**TABLE IV  
WORKOVER/RECOMPLETION CANDIDATES**

| <u>WELL NO.</u> | <u>LOCATION</u>      |
|-----------------|----------------------|
| 41              | NE SEC 32 T28N-R12W  |
| 56              | NW SEC 35 T28N-R12W  |
| 63              | NE SEC 5 T27N-R12W   |
| 125             | SW SEC 24 T28N-R12W  |
| 281             | SW SEC 27 T28N-R12W  |
| 282             | SW SEC 25 T28N-R12W  |
| 295             | W/2 SEC 10 T28N-R12W |
| 319             | NW SEC 30 T28N-R12W  |
| 325             | NW SEC 35 T29N-R13W  |
| 350             | SE SEC 33 T29N-R12W  |

BHP P(A) respectfully submits this 1994 Plan of Development for your approval. Please provide both BHP P(A) and the Unit Operator, Amoco Production Company, notice of this plan's approval.

Sincerely yours,  
**BHP PETROLEUM (AMERICAS), INC.**



Randy W. Ray  
Production Engineer

/attachments

TABLE II  
DEVELOPMENT WELL STATUS

| WELL No. | LOCATION<br>UNIT-SEC-TWN-RGE | FORMATION       | COMPLETION<br>DATE | INITIAL POTENTIAL<br>MCFPD/BWPD | STATUS     |
|----------|------------------------------|-----------------|--------------------|---------------------------------|------------|
| 399      | H-24-29-13                   | Fruitland Coal  | NA                 | NA                              | COMPLETING |
| 402      | G-36-29-13                   | Fruitland Coal  | NA                 | NA                              | COMPLETING |
| 420      | SW 1/4 - 16-29-12            | Fruitland Coal  |                    |                                 | DEFERRED   |
| 421      | L-31-29-12                   | Fruitland Coal  | NA                 | NA                              | COMPLETING |
| 519      | N-21-29-12                   | Pictured Cliffs | NA                 | NA                              | COMPLETING |
| 522      | C-22-29-12                   | Pictured Cliffs | NA                 | NA                              | COMPLETING |
| 412      | M-12-28-12                   | Fruitland Coal  | 12/20/92           | 160/72                          | PRODUCING  |
| 414      | M-18-28-11                   | Fruitland Coal  | 02/11/93           | 22/7                            | PRODUCING  |
| 416      | G-19-28-11                   | Fruitland Coal  | 02/22/93           | 110/61                          | PRODUCING  |
| 417      | K-19-28-11                   | Fruitland Coal  | 02/11/93           | 40/10                           | PRODUCING  |
| 418      | L-13-28-12                   | Fruitland Coal  | 02/15/93           | 190/57                          | PRODUCING  |
| 527      | P-27-29-12                   | Pictured Cliffs | NA                 | NA                              | COMPLETING |
| 528      | D-36-29-12                   | Pictured Cliffs | NA                 | NA                              | COMPLETING |
| 529      | J-36-29-12                   | Pictured Cliffs | NA                 | NA                              | COMPLETING |
| 532      | H-26-29-12                   | Pictured Cliffs | NA                 | NA                              | COMPLETING |
| 535      | N-13-29-13                   | Pictured Cliffs | NA                 | NA                              | COMPLETING |
| 536      | A-13-29-13                   | Pictured Cliffs | NA                 | NA                              | COMPLETING |
| 537      | B-18-29-12                   | Pictured Cliffs | NA                 | NA                              | COMPLETING |
| 538      | M-17-29-12                   | Pictured Cliffs | NA                 | NA                              | COMPLETING |
| 539      | H-20-29-12                   | Pictured Cliffs | NA                 | NA                              | COMPLETING |
| 540      | NE 1/4 - 21-29-12            | Pictured Cliffs |                    |                                 | DEFERRED   |

TABLE III  
WELL RECOMPLETION STATUS

| WELL No. | LOCATION<br>UNIT-SEC-TWN-RGE | FORMATION      | COMPLETION<br>DATE | INITIAL POTENTIAL<br>MCFPD/BWPD | STATUS     |
|----------|------------------------------|----------------|--------------------|---------------------------------|------------|
| 3        | L-24-28-12                   | Fruitland Coal | 11/15/93           | 107/0                           | PRODUCING  |
| 4        | G-34-28-12                   | Fruitland Coal | 03/02/94           | 120/0                           | WOPL       |
| 6        | L-22-28-12                   | Fruitland Coal | 11/17/93           | 185/5                           | PRODUCING  |
| 13       | M-27-28-12                   | Fruitland Coal | 03/09/94           | 120/0                           | WOPL       |
| 16       | B-27-28-12                   | Fruitland Coal | 11/01/93           | 160/25                          | PRODUCING  |
| 18       | H-21-28-12                   | Fruitland Coal | 11/07/93           | 190/8                           | PRODUCING  |
| 33       | M-21-28-12                   | Fruitland Coal | 10/28/93           | 240/0                           | PRODUCING  |
| 34       | K-20-28-12                   | Fruitland Coal | 02/14/94           | 170/5                           | PRODUCING  |
| 39       | M-16-28-12                   | Fruitland Coal | 12/02/93           | 210/2                           | PRODUCING  |
| 40       | A-29-28-12                   | Fruitland Coal | 03/15/94           | 230/2                           | WOPL       |
| 55       | G-35-28-12                   | Fruitland Coal | NA                 | NA                              | COMPLETING |
| 67       | B-22-28-12                   | Fruitland Coal | NA                 | NA                              | COMPLETING |
| 73       | K-20-29-12                   | Fruitland Coal |                    |                                 | DEFERRED   |
| 76       | N-23-28-12                   | Fruitland Coal | 11/17/93           | 30/2                            | WOPL       |
| 79       | A- 9-27-12                   | Fruitland Coal | 03/09/94           | 95/2                            | WOPL       |
| 128      | H-25-28-12                   | Fruitland Coal | NA                 | NA                              | COMPLETING |
| 267      | G-23-28-12                   | Fruitland Coal |                    |                                 | DEFERRED   |
| 273      | C-32-28-12                   | Fruitland Coal |                    |                                 | DEFERRED   |
| 275      | D-13-28-13                   | Fruitland Coal |                    |                                 | DEFERRED   |
| 295      | M-10-28-12                   | Fruitland Coal |                    |                                 | DEFERRED   |
| 309      | N- 9-28-12                   | Fruitland Coal | NA                 | NA                              | COMPLETING |
| 321      | O-12-28-13                   | Fruitland Coal |                    |                                 | DEFERRED   |
| 323      | M-32-29-12                   | Fruitland Coal | NA                 | NA                              | COMPLETING |
| 334      | G-32-29-12                   | Fruitland Coal |                    |                                 | DEFERRED   |
| 363      | B-26-29-13                   | Fruitland Coal | 04/01/94           | 155/7                           | WOPL       |

| GALLEGOS CANYON UNIT SHALLOW PRODUCTION DATA             |                           |           |                 |                        |                       |          |
|--|---------------------------|-----------|-----------------|------------------------|-----------------------|----------|
| WELL NO  | LOCATION UNIT-SEC-TWN-RGE | COMP DATE | FIRST GAS SALES | CURRENT EST. DEL. MCFD | 1/1/94 CUM. PROD. MCF | STATUS   |
| <b>PC PARTICIPATING AREA - PICTURED CLIFFS PRODUCERS</b> |                           |           |                 |                        |                       |          |
| 1  | K-19-29-12                | 09/28/51  | 03/12/52        | 0                      | 1,440,095             | RC-BFC   |
| 3  | L-24-28-12                | 10/30/51  | 02/16/52        | 0                      | 617,276               | RC-BFC   |
| 4  | G-34-28-12                | 11/01/51  | 02/19/52        | 0                      | 1,523,463             | RC-BFC   |
| 5  | H-13-28-13                | 11/01/51  | 08/13/52        | 0                      | 1,939,508             | RC-BFC   |
| 6  | L-22-28-12                | 02/08/52  | 02/16/52        | 0                      | 1,109,070             | RC-BFC   |
| 7  | A-30-28-12                | 11/01/51  | 08/13/52        | 0                      | 411,361               | RC-BFC   |
| 9  | K-32-28-12                | 02/06/53  | 03/10/53        | 0                      | 428,363               | RC-BFC   |
| 10   | K-33-28-12                | 01/23/53  | 03/02/53        | 0                      | 863,775               | RC-BFC   |
| 11   | M-34-28-12                | 10/28/52  | 11/10/52        | 14                     | 739,640               | ACTIVE   |
| 12   | A-33-28-12                | 01/23/53  | 03/02/53        | 2                      | 660,125               | ACTIVE   |
| 13   | M-27-28-12                | 11/13/52  | 03/13/53        | 0                      | 788,823               | RC-BFC   |
| 14   | M-26-28-12                | 10/28/52  | 11/12/52        | 0                      | 1,782,143             | INACTIVE |
| 15   | M-25-28-12                | 10/16/51  | 03/13/53        | 0                      | 27,588                | P&AD     |
| 16   | B-27-28-12                | 09/19/52  | 11/30/54        | 0                      | 868,604               | RC-BFC   |
| 17   | A-28-28-12                | 08/18/52  | 09/28/52        | 29                     | 2,754,874             | ACTIVE   |
| 18   | H-21-28-12                | 04/03/53  | 04/10/53        | 0                      | 740,848               | RC-BFC   |
| 19   | H-20-28-12                | 08/25/53  | 09/26/53        | 0                      | 960,762               | RC-BFC   |
| 20   | M-17-28-12                | 03/17/53  | 04/03/53        | 0                      | 747,060               | RC-BFC   |
| 21   | M-18-28-12                | 02/26/53  | 03/02/53        | 246                    | 2,842,132             | ACTIVE   |
| 22   | G-18-28-12                | 03/05/53  | 03/11/53        | 0                      | 784,158               | RC-BFC   |
| 23   | N-13-28-13                | 03/17/53  | 04/03/53        | 0                      | 373,557               | P&AD     |
| 24   | J-34-28-12                | 02/06/53  | 03/02/53        | 10                     | 1,041,383             | ACTIVE   |
| 25   | N-26-29-13                | 06/05/53  | 03/11/54        | 0                      | 10,044                | P&AD     |
| 28   | A-30-29-12                | 06/26/53  | 04/26/54        | 0                      | 599,986               | RC-NPFS  |
| 30   | I-33-28-12                | 05/12/53  | 07/20/53        | 13                     | 707,015               | ACTIVE   |
| 31   | E-34-28-12                | 04/03/53  | 07/20/53        | 39                     | 331,337               | ACTIVE   |
| 32   | N- 7-28-12                | 08/18/53  | 11/21/53        | 0                      | 380,882               | RC-BFC   |
| 33   | M-21-28-12                | 09/12/53  | 09/26/53        | 0                      | 1,468,153             | RC-BFC   |
| 34   | K-28-28-12                | 06/29/53  | 09/26/53        | 0                      | 807,764               | RC-BFC   |
| 35   | K-20-28-12                | 09/12/53  | 11/21/53        | 0                      | 2,136,064             | RC-BFC   |
| 36   | H-19-28-12                | 09/12/53  | 11/21/53        | 0                      | 1,562,997             | RC-BFC   |
| 37   | K-19-28-12                | 10/09/53  | 10/14/53        | 0                      | 322,423               | P&AD     |
| 38   | H-24-28-13                | 08/25/53  | 11/21/53        | 0                      | 364,625               | P&AD     |
| 39   | M-16-28-12                | 08/18/53  | 09/26/53        | 0                      | 374,872               | RC-BFC   |
| 40   | H-29-28-12                | 09/12/53  | 10/07/53        | 0                      | 780,752               | RC-BFC   |
| 41   | A-32-28-12                | 06/26/53  | 09/26/53        | 0                      | 604,742               | INACTIVE |
| 42   | N-12-28-13                | 11/11/53  | 11/23/53        | 0                      | 1,167,783             | INACTIVE |
| 43   | A-14-29-13                | 11/16/53  | NA              | 0                      | 358,580               | P&AD     |
| 44   | M-35-29-13                | 12/10/53  | 12/23/53        | 0                      | 895,201               | INACTIVE |



| GALLEGOS CANYON UNIT SHALLOW PRODUCTION DATA             |                           |           |                 |                        |                       |          |
|--|---------------------------|-----------|-----------------|------------------------|-----------------------|----------|
| WELL NO  | LOCATION UNIT-SEC-TWN-RGE | COMP DATE | FIRST GAS SALES | CURRENT EST. DEL. MCFD | 1/1/94 CUM. PROD. MCF | STATUS   |
| <b>PC PARTICIPATING AREA - PICTURED CLIFFS PRODUCERS</b> |                           |           |                 |                        |                       |          |
| 45   | K-29-28-12                | 12/10/53  | 01/18/54        | 0                      | 378,738               | P&A'D    |
| 48   | K-30-28-12                | 01/04/54  | 01/07/54        | 0                      | 270,343               | P&A'D    |
| 49   | A-31-28-12                | 12/07/53  | 01/19/54        | 14                     | 645,800               | ACTIVE   |
| 51   | G-36-28-12                | 09/19/52  | 03/13/53        | 0                      | 186,074               | P&A'D    |
| 52   | E-36-28-12                | 09/04/52  | 10/10/52        | 0                      | 61,950                | P&A'D    |
| 53   | M-36-28-12                | 02/19/54  | 03/30/54        | 0                      | 212,465               | RC-BFC   |
| 54   | O-36-28-12                | 03/06/54  | 03/19/54        | 0                      | 610                   | P&A'D    |
| 55   | G-35-28-12                | 12/18/52  | 12/18/52        | 0                      | 641,649               | RC-BFC   |
| 56   | E-35-28-12                | 09/09/52  | 09/18/52        | 0                      | 528,750               | INACTIVE |
| 57   | M-35-28-12                | 08/18/52  | 09/18/52        | 0                      | 421,152               | RC-BFC   |
| 58   | O-35-28-12                | 09/09/52  | 09/18/52        | 11                     | 415,793               | ACTIVE   |
| 59   | M-31-28-11                | 10/10/52  | 10/14/52        | 0                      | 672,160               | RC-BFC   |
| 60   | O-31-28-11                | 10/05/52  | 03/13/53        | 0                      | 59,488                | P&A'D    |
| 61   | A- 4-27-12                | 11/13/52  | 11/14/52        | 0                      | 370,339               | RC-BFC   |
| 62   | C- 4-27-12                | 12/30/52  | 01/06/53        | 37                     | 1,716,942             | ACTIVE   |
| 63   | G- 5-27-12                | 12/18/52  | 12/18/52        | 0                      | 291,868               | INACTIVE |
| 64   | I- 4-27-12                | 12/30/52  | 02/10/53        | 23                     | 1,124,467             | ACTIVE   |
| 65   | M-36-29-13                | 05/27/54  | 06/24/54        | 0                      | 167,878               | P&A'D    |
| 66   | G-35-29-13                | 04/27/54  | 08/06/54        | 0                      | 828,168               | RC-BFC   |
| 67   | B-22-28-12                | 04/08/54  | 06/18/54        | 0                      | 280,533               | RC-BFC   |
| 68   | G-14-28-12                | 05/27/54  | 06/24/54        | 0                      | 13,057                | P&A'D    |
| 69   | A-28-29-12                | 10/07/54  | 10/29/54        | 0                      | 85,449                | P&A'D    |
| 71   | M-31-28-12                | 09/27/55  | 10/27/55        | 0                      | 257,634               | P&A'D    |
| 72   | G-36-28-13                | 01/27/56  | 03/13/56        | 0                      | 1,439,383             | RC-BFC   |
| 73   | K-20-29-12                | 12/21/55  | 02/25/56        | 13                     | 1,823,338             | ACTIVE   |
| 74   | K-29-29-12                | 05/05/56  | 08/23/56        | 266                    | 1,931,225             | ACTIVE   |
| 75   | G-19-29-12                | 04/24/56  | 05/07/56        | 420                    | 1,905,934             | ACTIVE   |
| 76   | N-23-28-12                | 04/19/56  | 08/22/56        | 0                      | 1,022,267             | RC-BFC   |
| 79   | A- 9-27-12                | 11/26/54  | 07/25/55        | 0                      | 607,166               | RC-BFC   |
| 80   | A- 6-27-12                | 12/22/53  | 01/10/55        | 0                      | 792,122               | RC-BFC   |
| 123  | C-25-28-12                | 05/17/76  | 09/27/76        | 88                     | 571,439               | ACTIVE   |
| 128  | H-25-28-12                | 08/28/76  | 06/19/78        | 5                      | 66,750                | ACTIVE   |
| 267  | G-23-28-12                | 03/29/77  | 05/05/77        | 0                      | 289,466               | INACTIVE |
| 268  | P-32-28-12                | 04/22/77  | 06/08/78        | 485                    | 475,102               | ACTIVE   |
| 269  | O-18-28-12                | 03/25/77  | 05/05/77        | 752                    | 342,370               | ACTIVE   |
| 271  | J-27-28-12                | 03/04/77  | 04/19/77        | 45                     | 297,237               | ACTIVE   |
| 272  | C-33-28-12                | 03/26/77  | 05/06/77        | 0                      | 665,977               | INACTIVE |
| 273  | C-32-28-12                | 03/11/77  | 06/10/78        | 337                    | 174,767               | ACTIVE   |
| 275  | D-13-28-13                | 04/01/77  | 05/31/77        | 0                      | 378,142               | INACTIVE |

| GALLEGOS CANYON UNIT SHALLOW PRODUCTION DATA             |                           |           |                 |                        |                       |          |
|--|---------------------------|-----------|-----------------|------------------------|-----------------------|----------|
| WELL NO  | LOCATION UNIT-SEC-TWN-RGE | COMP DATE | FIRST GAS SALES | CURRENT EST. DEL. MCFD | 1/1/94 CUM. PROD. MCF | STATUS   |
| <b>PC PARTICIPATING AREA - PICTURED CLIFFS PRODUCERS</b> |                           |           |                 |                        |                       |          |
| 276  | I-25-28-13                | 03/23/77  | 05/27/77        | 15                     | 310,739               | ACTIVE   |
| 277  | E-15-28-12                | 09/19/79  | 03/03/80        | 86                     | 712,547               | ACTIVE   |
| 278  | O-17-28-12                | 10/12/79  | 05/07/81        | 0                      | 748,820               | INACTIVE |
| 279  | E-23-28-12                | 09/21/79  | 04/25/80        | 191                    | 420,078               | ACTIVE   |
| 280  | J-24-28-12                | 09/25/79  | 09/23/80        | 17                     | 303,043               | ACTIVE   |
| 281  | K-25-28-12                | 01/25/80  | 04/25/80        | 0                      | 176,160               | INACTIVE |
| 282  | J-31-28-12                | 09/29/79  | 03/06/80        | 0                      | 139,127               | INACTIVE |
| 283  | B-29-29-12                | 11/05/79  | 12/02/80        | 264                    | 1,642,036             | ACTIVE   |
| 284  | O-30-29-12                | 10/05/79  | 06/24/80        | 92                     | 370,926               | ACTIVE   |
| 285  | M-31-29-12                | 10/13/79  | 03/24/80        | 474                    | 1,656,698             | ACTIVE   |
| 286  | P-24-29-13                | 10/18/79  | 06/24/80        | 554                    | 2,161,171             | ACTIVE   |
| 287  | O-35-29-13                | 11/09/79  | 10/07/81        | 10                     | 118,233               | ACTIVE   |
| 288  | F-19-29-12                | 12/05/79  | 02/12/80        | 628                    | 2,270,893             | ACTIVE   |
| 289  | N- 8-28-12                | 03/18/80  | 05/31/80        | 93                     | 668,763               | ACTIVE   |
| 290  | J-15-28-12                | 01/22/80  | 03/10/80        | 262                    | 1,339,410             | ACTIVE   |
| 291  | J-23-28-12                | 01/22/80  | 05/13/81        | 0                      | 146,267               | INACTIVE |
| 292  | F-30-29-12                | 10/15/79  | 06/24/80        | 78                     | 334,596               | ACTIVE   |
| 293  | E-32-29-12                | 10/19/79  | 04/26/80        | 495                    | 2,247,274             | ACTIVE   |
| 294  | J-32-29-12                | 10/23/79  | 04/26/80        | 230                    | 712,881               | ACTIVE   |
| 295  | M-10-28-12                | 03/22/80  | 06/29/80        | 0                      | 148,229               | INACTIVE |
| 296  | M-15-28-12                | 03/22/80  | 05/11/81        | 32                     | 859,818               | ACTIVE   |
| 297  | B-15-28-12                | 03/26/80  | 05/31/80        | 102                    | 513,108               | ACTIVE   |
| 298  | C-24-28-12                | 01/28/80  | 04/30/81        | 53                     | 365,402               | ACTIVE   |
| 299  | D-31-28-12                | 04/02/80  | 11/24/80        | 275                    | 493,039               | ACTIVE   |
| 300  | I-19-29-12                | 05/28/80  | 08/14/80        | 476                    | 2,165,967             | ACTIVE   |
| 301  | I-20-29-12                | 06/10/80  | 10/28/80        | 160                    | 811,451               | ACTIVE   |
| 302  | O-29-29-12                | 12/19/79  | 06/13/80        | 0                      | 218,781               | INACTIVE |
| 303  | F-33-29-12                | 03/27/80  | 10/07/80        | 319                    | 1,172,602             | ACTIVE   |
| 304  | N-24-29-13                | 12/14/79  | 06/24/80        | 410                    | 783,879               | ACTIVE   |
| 305  | O-36-29-13                | 12/21/79  | 11/25/80        | 56                     | 667,689               | ACTIVE   |
| 307  | L-30-29-12                | 06/10/80  | 01/09/81        | 0                      | 281,997               | INACTIVE |
| 308  | P- 7-28-12                | 06/03/81  | 07/29/81        | 37                     | 347,940               | ACTIVE   |
| 310  | J- 9-28-12                | 05/30/81  | 03/25/82        | 0                      | 293,970               | INACTIVE |
| 311  | M-14-28-12                | 04/13/81  | 01/15/82        | 0                      | 342,291               | INACTIVE |
| 312  | B-16-28-12                | 05/05/81  | 03/25/82        | 0                      | 96,649                | INACTIVE |
| 313  | I-16-28-12                | 05/11/81  | 08/18/81        | 691                    | 1,705,611             | ACTIVE   |
| 314  | F-17-28-12                | 07/13/81  | 06/30/83        | 0                      | 403,163               | INACTIVE |
| 315  | F-21-28-12                | 04/16/81  | 01/19/82        | 774                    | 1,794,079             | ACTIVE   |
| 316  | I-21-28-12                | 03/16/76  | 04/12/76        | 20                     | 424,413               | ACTIVE   |

## WELL STATUS TABLES

| GALLEGOS CANYON UNIT SHALLOW PRODUCTION DATA             |                           |           |                 |                        |                       |          |
|--|---------------------------|-----------|-----------------|------------------------|-----------------------|----------|
| WELL NO  | LOCATION UNIT-SEC-TWN-RGE | COMP DATE | FIRST GAS SALES | CURRENT EST. DEL. MCFD | 1/1/94 CUM. PROD. MCF | STATUS   |
| <b>PC PARTICIPATING AREA - PICTURED CLIFFS PRODUCERS</b> |                           |           |                 |                        |                       |          |
| 317  | F-27-28-12                | 04/08/81  | 01/20/82        | 143                    | 571,585               | ACTIVE   |
| 318  | O-28-28-12                | 04/08/81  | 03/10/82        | 170                    | 533,628               | ACTIVE   |
| 320  | I-30-28-12                | 06/23/81  | 09/09/81        | 52                     | 391,280               | ACTIVE   |
| 321  | O-12-28-13                | 06/08/81  | 07/27/81        | 0                      | 184,900               | INACTIVE |
| 322  | H-31-29-12                | 04/29/81  | 07/10/81        | 302                    | 1,234,227             | ACTIVE   |
| 323  | M-32-29-12                | 05/02/81  | 07/09/81        | 0                      | 444,469               | INACTIVE |
| 324  | G-32-29-12                | 06/10/81  | 07/17/81        | 98                     | 408,659               | ACTIVE   |
| 325  | E-35-29-13                | 07/28/81  | 08/31/82        | 0                      | 21,447                | INACTIVE |
| 326  | F-36-29-13                | 07/21/81  | 10/03/81        | 5                      | 479,690               | ACTIVE   |
| 327  | H-36-29-13                | 04/03/81  | 07/13/81        | 175                    | 1,851,677             | ACTIVE   |
| 330  | A-24-29-13                | 01/14/84  | 08/14/84        | 730                    | 1,817,097             | ACTIVE   |
| 331  | E-29-29-12                | 01/16/84  | 06/08/84        | 523                    | 1,869,403             | ACTIVE   |
| 332  | P-31-29-12                | 02/20/84  | 09/11/84        | 0                      | 200,959               | INACTIVE |
| 333  | B-33-29-12                | 01/19/84  | 01/03/85        | 238                    | 237,971               | ACTIVE   |
| 334  | N-11-28-12                | 01/23/84  | 10/12/84        | 14                     | 104,488               | ACTIVE   |
| 335  | I-14-28-12                | 01/26/84  | 12/21/84        | 73                     | 176,185               | ACTIVE   |
| 336  | A-24-28-12                | 01/27/84  | 06/07/84        | 64                     | 266,268               | ACTIVE   |
| 337  | P-26-28-12                | 12/30/84  | 02/06/86        | 43                     | 506,232               | ACTIVE   |
| 338  | C- 9-27-12                | 12/21/84  | 02/06/86        | 15                     | 42,775                | ACTIVE   |
| 340  | E-24-29-13                | 03/02/85  | 05/09/85        | 0                      | 72,791                | RC-BFC   |
| 342  | E-14-28-12                | 02/07/85  | 12/06/85        | 76                     | 226,412               | ACTIVE   |
| 343  | A-26-28-12                | 01/03/85  | 02/06/87        | 420                    | 350,929               | ACTIVE   |
| 350  | I-33-29-12                | 09/09/85  | 01/02/86        | 0                      | 26,773                | INACTIVE |
| 352  | A-14-28-12                | 08/25/85  | 02/15/87        | 91                     | 132,758               | ACTIVE   |
| 353  | I-22-28-12                | 08/20/85  | 01/02/86        | 365                    | 327,531               | ACTIVE   |
| 354  | I-29-28-12                | 08/25/85  | 02/13/87        | 552                    | 620,545               | ACTIVE   |
| 355  | K- 4-27-12                | 08/23/88  | 02/06/86        | 42                     | 142,219               | ACTIVE   |
| 363  | B-26-29-13                | 05/27/88  | 08/02/89        | 0                      | 59,672                | RC-BFC   |
| 364  | D-25-29-13                | 05/23/88  | 08/29/89        | 140                    | 185,152               | ACTIVE   |
| 365  | P-25-29-13                | 05/25/88  | 08/29/89        | 506                    | 400,666               | ACTIVE   |
| 367  | F-31-29-12                | 05/26/88  | 09/14/89        | 477                    | 640,180               | ACTIVE   |
| 368  | C-26-28-12                | 07/13/88  | 01/09/90        | 362                    | 240,072               | ACTIVE   |
| <b>TOTAL</b>   |                           |           |                 | <b>15419</b>           | <b>103,870,200</b>    |          |

| GALLEGOS CANYON UNIT SHALLOW PRODUCTION DATA                   |                           |           |                 |                        |                       |        |
|--|---------------------------|-----------|-----------------|------------------------|-----------------------|--------|
| WELL NO  | LOCATION UNIT-SEC-TWN-RGE | COMP DATE | FIRST GAS SALES | CURRENT EST. DEL. MCFD | 1/1/94 CUM. PROD. MCF | STATUS |
| <b>NON - PC PARTICIPATING AREA - PICTURED CLIFFS PRODUCERS</b> |                           |           |                 |                        |                       |        |
| 500  | C-13-29-13                | 01/06/91  | 01/17/92        | 658                    | 445,700               | ACTIVE |
| 501  | J-13-29-13                | 02/21/91  | 01/20/92        | 815                    | 541,203               | ACTIVE |
| 502  | E-18-29-12                | 01/17/91  | 07/08/92        | 872                    | 328,897               | ACTIVE |
| 503  | O-18-29-12                | 02/28/91  | 10/25/91        | 648                    | 301,489               | ACTIVE |
| 504  | C-17-29-12                | 11/15/90  | 01/14/92        | 138                    | 106,589               | ACTIVE |
| 505  | P-17-29-12                | 12/16/90  | 01/23/92        | 462                    | 234,588               | ACTIVE |
| 506  | L-16-29-12                | 01/01/91  | 01/10/92        | 372                    | 330,837               | ACTIVE |
| 507  | D-20-29-12                | 11/20/90  | 01/17/92        | 481                    | 263,736               | ACTIVE |
| 508  | D-21-29-12                | 11/22/90  | 01/10/92        | 525                    | 329,982               | ACTIVE |
| 509  | D-28-29-12                | 02/18/91  | 01/20/92        | 167                    | 70,146                | ACTIVE |
| 510  | B-28-29-12                | 03/06/91  | 09/13/93        | 105                    | 6,652                 | ACTIVE |
| 511  | D-26-29-12                | 02/23/91  | 08/15/91        | 303                    | 288,961               | ACTIVE |
| 512  | J-26-29-12                | 02/20/91  | 09/04/91        | 406                    | 305,076               | ACTIVE |
| 513  | H-34-29-12                | 12/07/90  | 08/03/92        | 451                    | 218,782               | ACTIVE |
| 514  | O-34-29-12                | 12/07/90  | 08/07/92        | 124                    | 67,164                | ACTIVE |
| 515  | H-35-29-12                | 12/13/90  | 08/03/92        | 661                    | 420,545               | ACTIVE |
| 516  | L- 7-28-11                | 01/24/91  | 10/03/91        | 540                    | 465,509               | ACTIVE |
| 517  | H-18-28-11                | 02/27/91  | 07/25/91        | 804                    | 630,087               | ACTIVE |
| 518  | M-25-29-12                | 02/04/92  | 05/15/93        | 97                     | 18,228                | ACTIVE |
| 520  | J-22-29-12                | 12/18/91  | 01/12/93        | 542                    | 197,723               | ACTIVE |
| 521  | L-36-29-12                | 12/11/91  | 08/03/92        | 611                    | 361,430               | ACTIVE |
| 523  | E-35-29-12                | 12/14/91  | 08/07/92        | 645                    | 273,152               | ACTIVE |
| 525  | N-26-29-12                | 12/08/92  | 04/19/93        | 378                    | 105,736               | ACTIVE |
| 526  | B-27-29-12                | 11/19/92  | 05/06/93        | 457                    | 115,876               | ACTIVE |
| 533  | L-22-29-12                | 11/20/92  | 05/28/93        | 783                    | 173,214               | ACTIVE |
| TOTAL  |                           |           |                 | 12045                  | 6,601,302             |        |

| GALLEGOS CANYON UNIT SHALLOW PRODUCTION DATA                        |                           |           |                 |                        |                       |            |
|---|---------------------------|-----------|-----------------|------------------------|-----------------------|------------|
| WELL NO   | LOCATION UNIT-SEC-TWN-RGE | COMP DATE | FIRST GAS SALES | CURRENT EST. DEL. MCFD | 1/1/94 CUM. PROD. MCF | STATUS     |
| <b>PC PARTICIPATING AREA - BASIN FRUITLAND COAL (BFC) PRODUCERS</b> |                           |           |                 |                        |                       |            |
| 1   | K-19-29-12                | 04/05/92  | 12/01/92        | 213                    | 12,885                | ACTIVE     |
| 3   | L-24-28-12                | 11/15/93  | 12/13/93        | 351                    | 2820                  | ACTIVE     |
| 4   | G-34-28-12                | 03/02/94  | NA              | 120                    | 0                     | WOPL       |
| 5   | H-13-28-13                | 02/22/92  | 05/14/92        | 627                    | 219,597               | ACTIVE     |
| 6   | L-22-28-12                | 11/17/93  | 12/29/93        | 264                    | 0                     | ACTIVE     |
| 7   | A-30-28-12                | 05/01/92  | NA              | 45                     | 0                     | WOPL       |
| 9   | K-32-28-12                | 10/06/92  | 12/03/92        | 353                    | 255,422               | ACTIVE     |
| 10  | K-33-28-12                | 10/19/92  | NA              | 25                     | 0                     | WOPL       |
| 13  | M-27-28-12                | 03/09/94  | NA              | 120                    | 0                     | WOPL       |
| 16  | B-27-28-12                | 11/01/93  | 12/08/93        | 249                    | 3213                  | ACTIVE     |
| 18  | H-21-28-12                | 11/07/93  | 12/08/93        | 283                    | 3870                  | ACTIVE     |
| 19  | H-20-28-12                | 02/23/92  | 05/15/92        | 554                    | 349,035               | ACTIVE     |
| 20  | M-17-28-12                | 08/25/92  | 10/29/92        | 527                    | 236,053               | ACTIVE     |
| 22  | G-18-28-12                | 09/07/92  | 11/11/92        | 386                    | 164,589               | ACTIVE     |
| 32  | N- 7-28-12                | 09/07/92  | 11/11/92        | 512                    | 231,618               | ACTIVE     |
| 33  | M-21-28-12                | 10/28/93  | 12/08/93        | 427                    | 9817                  | ACTIVE     |
| 34  | K-28-28-12                | 02/14/94  | NA              | 170                    | 0                     | WOPL       |
| 35  | K-20-28-12                | 10/25/92  | NA              | 35                     | 0                     | WOPL       |
| 36  | H-19-28-12                | 08/25/92  | 10/29/92        | 816                    | 381,972               | ACTIVE     |
| 39  | M-16-28-12                | 12/02/93  | 01/14/94        | 304                    | 0                     | ACTIVE     |
| 40  | A-29-28-12                | 03/15/94  | NA              | 230                    | 0                     | WOPL       |
| 53  | M-36-28-12                | 09/19/92  | 11/13/92        | 412                    | 180,612               | ACTIVE     |
| 55  | G-35-28-12                | 03/17/94  | NA              | 60                     | 0                     | WOPL       |
| 57  | M-35-28-12                | 10/19/92  | NA              | 20                     | 0                     | WOPL       |
| 59  | M-31-28-11                | 09/19/92  | 12/09/92        | 724                    | 279,334               | ACTIVE     |
| 61  | A- 4-27-12                | 09/30/92  | 12/14/92        | 444                    | 153,303               | ACTIVE     |
| 66  | G-35-29-13                | 09/29/92  | 01/11/93        | 514                    | 180,387               | ACTIVE     |
| 67  | B-22-28-12                |           | NA              |                        | 0                     | COMPLETING |
| 72  | G-36-28-13                | 08/16/91  | 12/04/91        | 107                    | 173,330               | ACTIVE     |
| 76  | N-23-28-12                | 11/17/93  | NA              | 30                     | 0                     | WOPL       |
| 79  | A- 9-27-12                | 03/09/94  | NA              | 95                     | 0                     | WOPL       |
| 80  | A- 6-27-12                | 10/06/92  | NA              | 50                     | 0                     | WOPL       |
| 128   | H-25-28-12                | 03/15/94  | NA              | 30                     | 0                     | WOPL       |
| 309   | N- 9-28-12                |           | NA              |                        | 0                     | COMPLETING |
| 323   | M-32-29-12                |           | NA              |                        | 0                     | COMPLETING |
| 363   | B-26-29-13                | 03/10/94  | NA              | 125                    | 0                     | WOPL       |
| 377   | N-24-29-13                | 04/19/90  | 11/05/90        | 375                    | 387,755               | ACTIVE     |
| 378   | K-34-28-12                | 06/30/90  | 11/02/90        | 222                    | 214,366               | ACTIVE     |
| 392   | M-26-29-13                | 11/30/90  | NA              | 10                     | 155,174               | WOPL       |

| GALLEGOS CANYON UNIT SHALLOW PRODUCTION DATA                        |                              |              |                    |                              |                             |        |
|---|------------------------------|--------------|--------------------|------------------------------|-----------------------------|--------|
| WELL NO   | LOCATION<br>UNIT-SEC-TWN-RGE | COMP<br>DATE | FIRST<br>GAS SALES | CURRENT<br>EST. DEL.<br>MCFD | 1/1/94<br>CUM. PROD.<br>MCF | STATUS |
| <b>PC PARTICIPATING AREA - BASIN FRUITLAND COAL (BFC) PRODUCERS</b> |                              |              |                    |                              |                             |        |
| 393   | N-25-29-13                   | 11/29/90     | 11/05/91           | 752                          | 579,704                     | ACTIVE |
| 394   | N-30-29-12                   | 02/01/91     | 11/20/91           | 140                          | 225,445                     | ACTIVE |
| 395   | B-30-29-12                   | 01/12/91     | 10/22/91           | 637                          | 556,522                     | ACTIVE |
| 396   | M-35-29-13                   | 03/24/91     | 11/22/91           | 462                          | 322,167                     | ACTIVE |
| 397   | K-36-29-13                   | 02/08/91     | 11/12/91           | 441                          | 416,194                     | ACTIVE |
| <b>TOTAL</b>  |                              |              |                    | <b>12261</b>                 | <b>5,695,184</b>            |        |

| GALLEGOS CANYON UNIT SHALLOW PRODUCTION DATA                              |                           |           |                 |                        |                       |        |
|---|---------------------------|-----------|-----------------|------------------------|-----------------------|--------|
| WELL NO   | LOCATION UNIT-SEC-TWN-RGE | COMP DATE | FIRST GAS SALES | CURRENT EST. DEL. MCFD | 1/1/94 CUM. PROD. MCF | STATUS |
| <b>NON - PC PARTICIPATING AREA - BASIN FRUITLAND COAL (BFC) PRODUCERS</b> |                           |           |                 |                        |                       |        |
| 381   | H-20-29-12                | 06/0490   | 01/10/92        | 206                    | 155,174               | ACTIVE |
| 382   | N-13-29-13                | 11/26/90  | 01/10/92        | 472                    | 331,774               | ACTIVE |
| 383   | B-18-29-12                | 05/24/90  | 01/11/92        | 393                    | 136,582               | ACTIVE |
| 384   | M-21-29-12                | 05/25/90  | 03/12/92        | 463                    | 206,276               | ACTIVE |
| 385   | M-17-29-12                | 05/25/90  | 01/23/92        | 590                    | 315,192               | ACTIVE |
| 386   | A-13-29-13                | 11/10/90  | 07/08/92        | 344                    | 159,679               | ACTIVE |
| 387   | M-18-29-12                | 02/28/91  | 07/19/91        | 205                    | 161,699               | ACTIVE |
| 388   | G-17-29-12                | 11/15/90  | 01/26/93        | 485                    | 126,496               | ACTIVE |
| 389   | G-21-29-12                | 12/05/90  | 07/17/91        | 683                    | 553,743               | ACTIVE |
| 390   | N-23-29-13                | 10/19/92  | NA              | 80                     | 0                     | WOPL   |
| 391   | A-23-29-13                | 10/06/92  | NA              | 400                    | 0                     | WOPL   |
| 410   | K-35-29-12                | 12/20/92  | 05/25/93        | 528                    | 107,387               | ACTIVE |
| 411   | M-34-29-12                | 01/04/93  | NA              | 80                     | 0                     | WOPL   |
| 412   | M-12-28-12                | 12/20/92  | NA              | 220                    | 0                     | WOPL   |
| 414   | M-18-28-11                | 02/11/93  | NA              | 50                     | 0                     | WOPL   |
| 416   | G-19-28-11                | 02/22/93  | NA              | 110                    | 0                     | WOPL   |
| 417   | K-19-28-11                | 02/11/93  | NA              | 40                     | 0                     | WOPL   |
| 418   | L-13-28-12                | 02/15/93  | NA              | 190                    | 0                     | WOPL   |
| <b>TOTAL</b>  |                           |           |                 | <b>5539</b>            | <b>2,254,002</b>      |        |

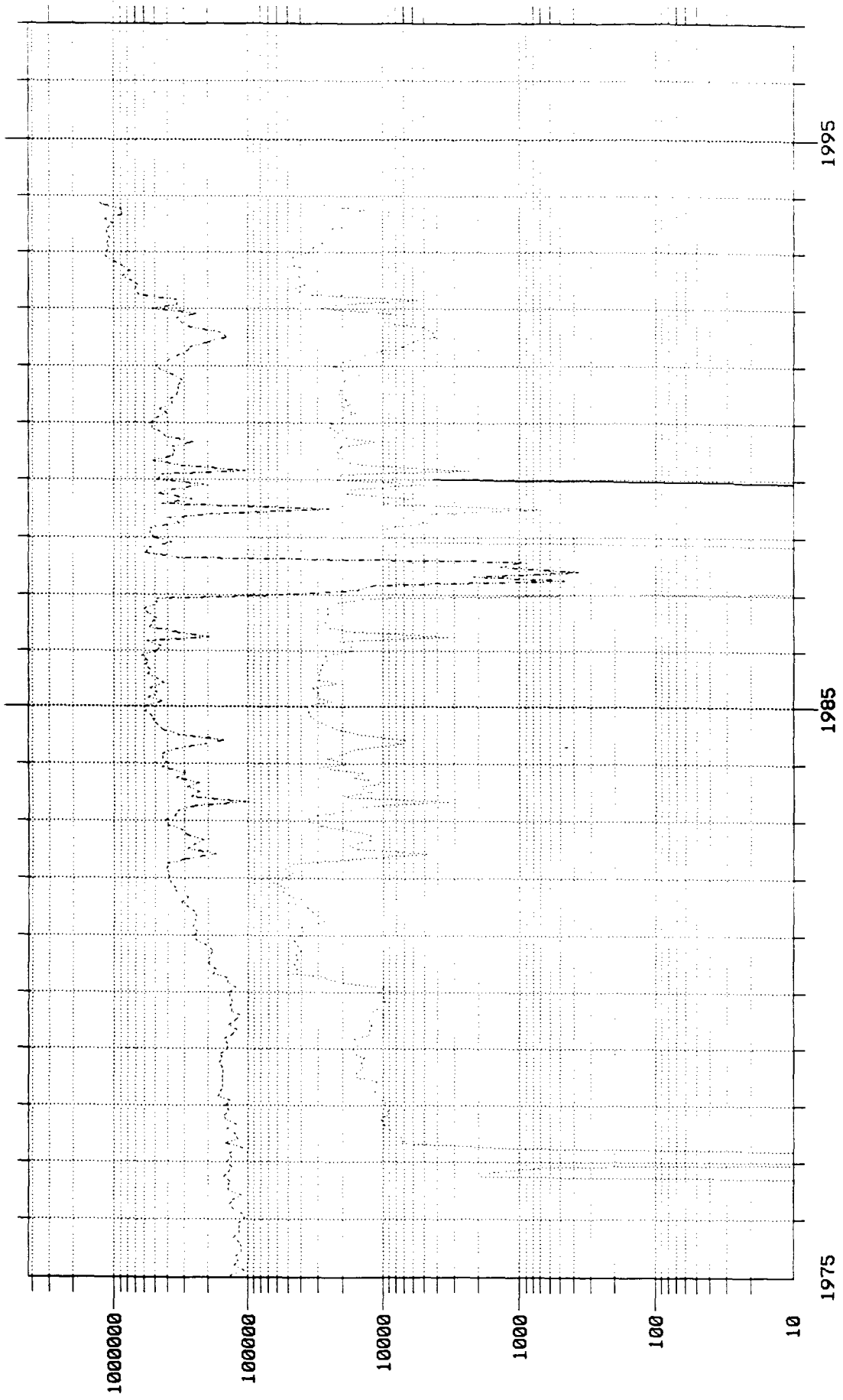
| GALLEGOS CANYON UNIT SHALLOW PRODUCTION DATA                                     |                           |           |                 |                        |                       |          |
|--|---------------------------|-----------|-----------------|------------------------|-----------------------|----------|
| WELL NO  | LOCATION UNIT-SEC-TWN-RGE | COMP DATE | FIRST GAS SALES | CURRENT EST. DEL. MCFD | 1/1/94 CUM. PROD. MCF | STATUS   |
| <b>PC PARTICIPATING AREA</b>   |                           |           |                 |                        |                       |          |
| <b>N. PINON FRUITLAND SAND (NPF) AND W. KUTZ FRUITLAND SAND (WKFS) PRODUCERS</b> |                           |           |                 |                        |                       |          |
| 28   | A-30-29-12                | 11/03/90  | 05/13/91        | 76                     | 65,164                | ACTIVE   |
| 306  | I-19-29-12                | 08/18/80  | 01/31/81        | 0                      | 56,698                | INACTIVE |
| 309  | N- 9-28-12                | 05/25/81  | 06/30/83        | 0                      | 106,974               | RC-BFC   |
| 310  | J- 9-28-12                | 05/30/81  | 03/25/82        | 29                     | 257,463               | ACTIVE   |
| 312  | B-16-28-12                | 05/05/81  | 03/25/82        | 55                     | 614,824               | ACTIVE   |
| 319  | F-30-28-12                | 08/13/81  | 04/02/84        | 0                      | 12,980                | INACTIVE |
| 328  | N-33-29-12                | 02/05/81  | 03/19/82        | 69                     | 425,872               | ACTIVE   |
| 331  | E-29-29-12                | 07/06/88  | 06/12/89        | 80                     | 154,075               | ACTIVE   |
| 340  | E-24-29-13                | 09/09/89  | 11/01/89        | 119                    | 106,249               | ACTIVE   |
| 341  | E-16-28-12                | 04/10/85  | 11/18/86        | 11                     | 45,571                | ACTIVE   |
| 344  | K-29-29-12                | 02/19/85  | 05/06/85        | 59                     | 231,269               | ACTIVE   |
| 346  | E-15-28-12                | 02/18/85  | 05/03/85        | 8                      | 53,478                | ACTIVE   |
| 347  | J-15-28-12                | 12/28/84  | 01/17/85        | 93                     | 441,154               | ACTIVE   |
| 351  | P-10-28-12                | 09/26/85  | 12/03/85        | 7                      | 21,171                | ACTIVE   |
| 356  | G-19-29-12                | 07/19/85  | 11/13/86        | 0                      | 140,111               | INACTIVE |
| 357  | A-29-29-12                | 07/21/85  | 09/25/85        | 74                     | 426,491               | ACTIVE   |
| 358  | O-29-29-12                | 07/24/85  | 01/31/86        | 73                     | 193,436               | ACTIVE   |
| 359  | M-10-28-12                | 08/14/85  | 11/18/85        | 100                    | 545,876               | ACTIVE   |
| 360  | D-14-28-12                | 07/25/85  | 10/24/85        | 49                     | 218,376               | ACTIVE   |
| 361  | B-15-28-12                | 07/30/85  | 11/27/85        | 34                     | 122,111               | ACTIVE   |
| <b>TOTAL</b>   |                           |           |                 | <b>936</b>             | <b>4,239,343</b>      |          |



Calculated  
 Oil .....  
 Gas .....  
 Water .....

GCU  
 Production Rate vs Time  
 BBl/Mo or Mcf/Mo vs Months  
 TOTAL UNIT PRODUCTION  
 For the Period 01/1975 to 01/1995

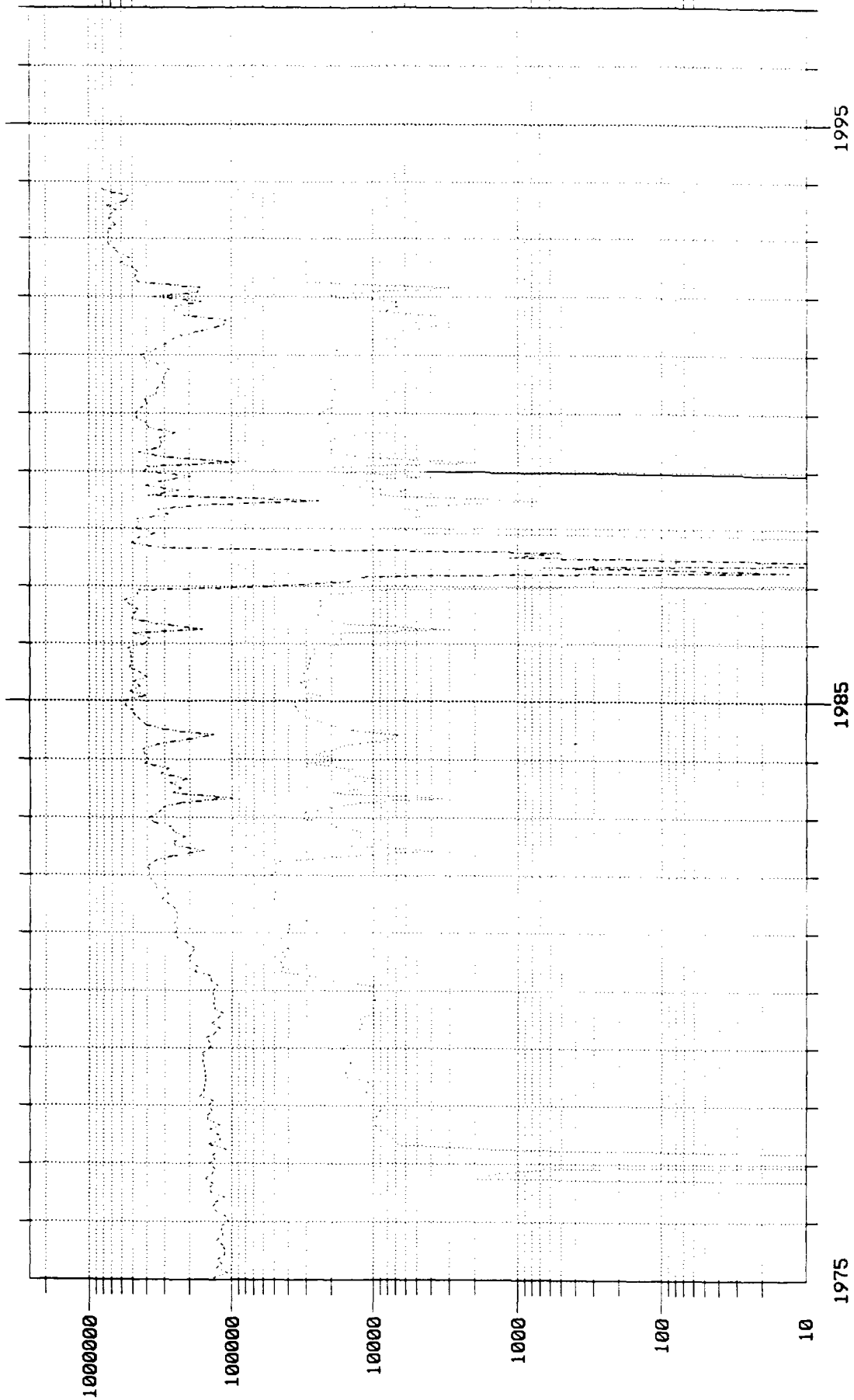
Production  
 Oil .....  
 Gas .....  
 Water .....



Calculated  
 Oil .....  
 Gas - - - -  
 Water - - - -

GCU  
 Production Rate vs Time  
 BBl/Mo or Mcf/Mo vs Months  
 WEST KUTZ PICTURED CLIFFS PRODUCTION  
 For the Period 01/1975 to 01/1995

Production  
 Oil .....  
 Gas - - - -  
 Water - - - -



Calculated  
 Oil .....  
 Gas .....  
 Water .....

GCU  
 Production Rate vs Time  
 BBl/Mo or Mcf/Mo vs Months  
 BASIN FRUITLAND COAL PRODUCTION  
 For the Period 01/1985 to 01/1995

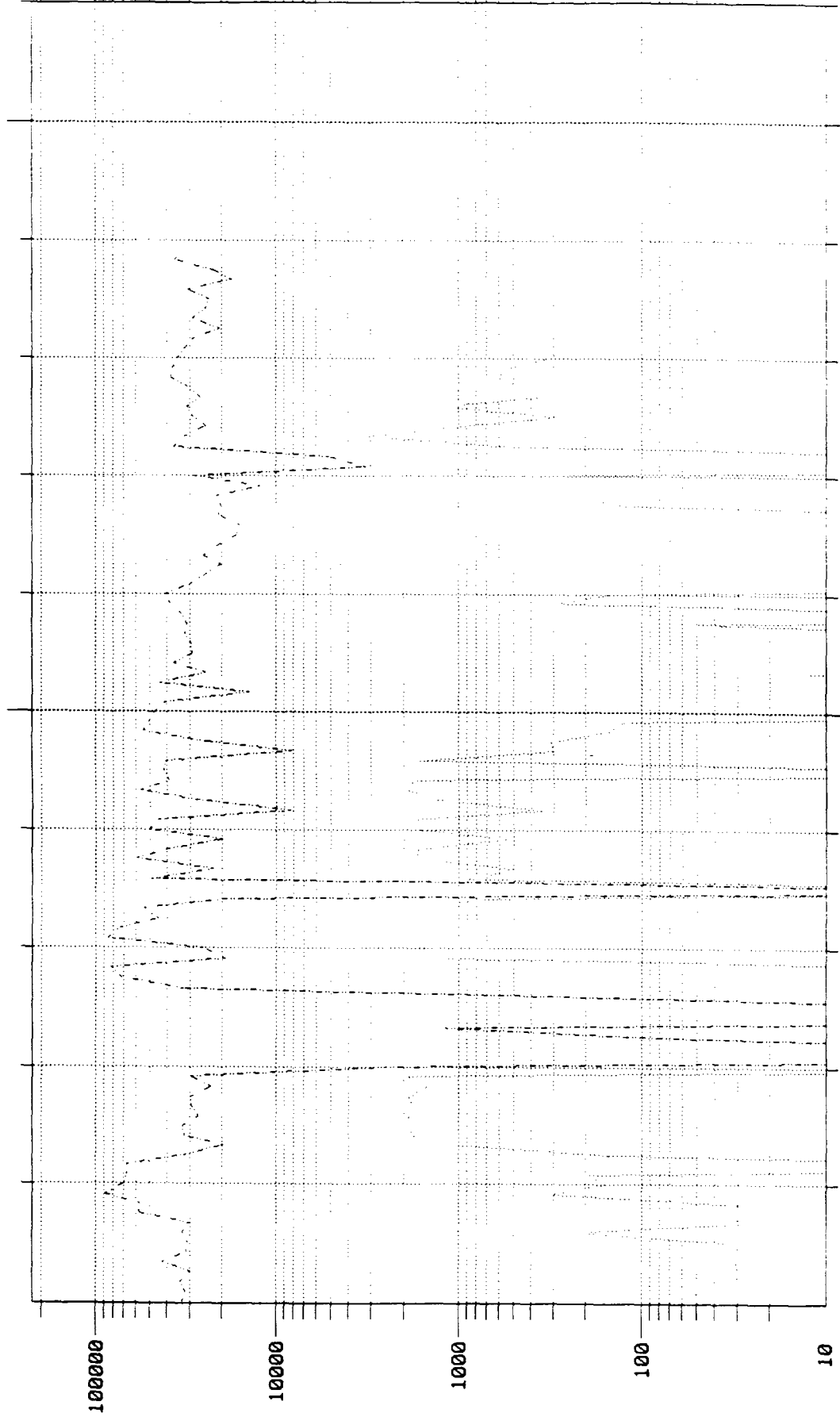
Production  
 Oil .....  
 Gas .....  
 Water .....



Calculated  
 Oil  
 Gas  
 Water

GCU  
 Production Rate vs Time  
 BBl/Mo or Mcf/Mo vs Months  
 FRUITLAND SAND PRODUCTION  
 For the Period 01/1985 to 01/1995

Production  
 Oil  
 Gas  
 Water



1995

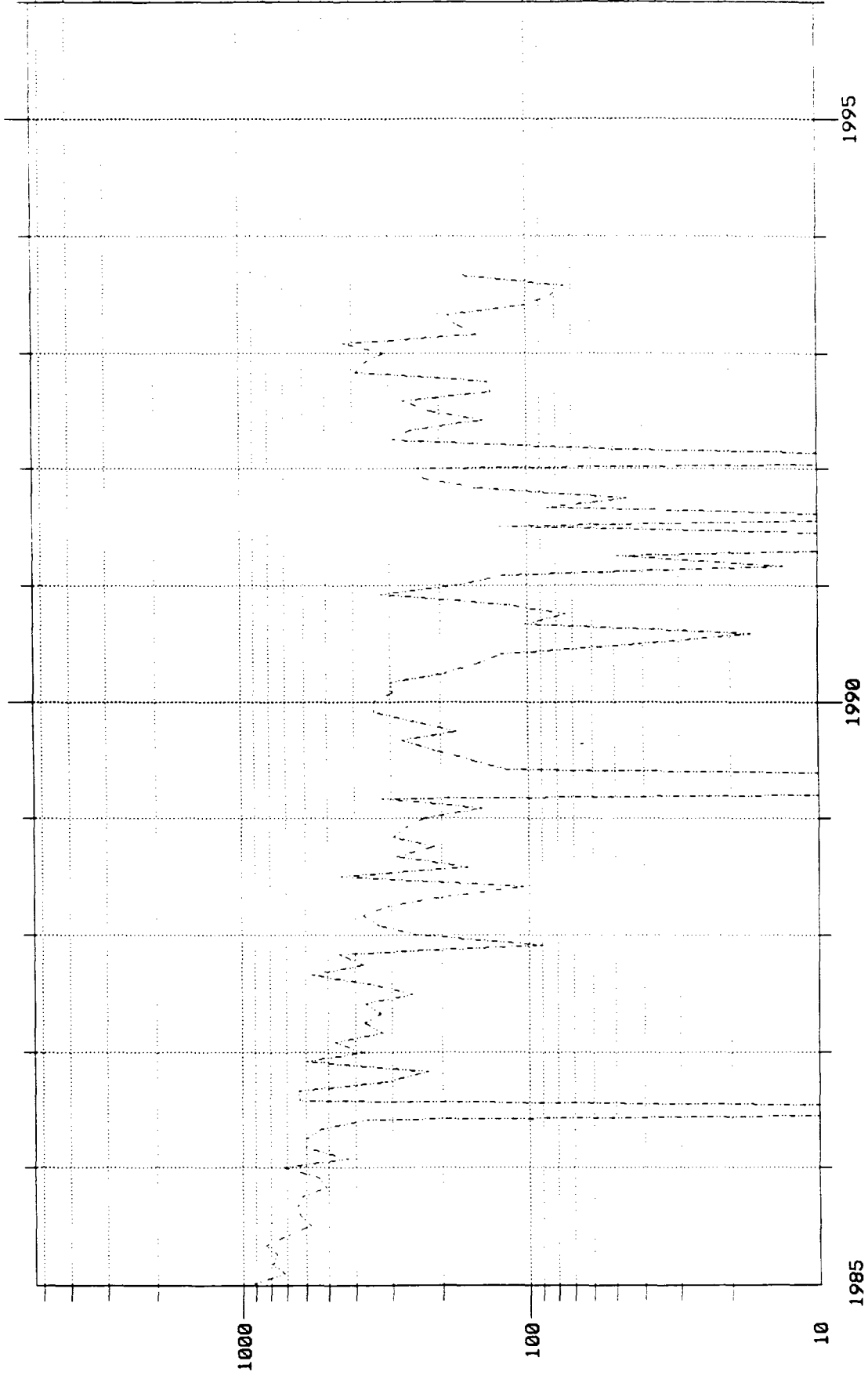
1990

1985

Calculated  
 Oil .....  
 Gas .....  
 Water .....

GCU  
 Production Rate vs Time  
 BBl/Mo or Mcf/Mo vs Months  
 FARMINGTON SAND PRODUCTION  
 For the Period 01/1985 to 01/1995

Production  
 Oil .....  
 Gas .....  
 Water .....





RAY B. POWELL  
COMMISSIONER

State of New Mexico

OFFICE OF THE

Commissioner of Public Lands

Santa Fe

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

SLO REF NO. OG-1311

June 16, 1993

Amoco Production Company  
P.O. Box 800 1670 Broadway  
Denver, Colorado 80201

Attn: Ms. Jodie B. West

Re: 1993 Plan of Development  
Gallegos Canyon Unit  
San Juan County, New Mexico

Gentlemen:

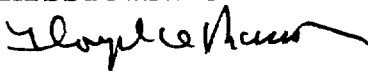
The Commissioner of Public Lands has this date approved the above captioned Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

The possibility of drainage by wells outside of the Unit Area and the need for further development of the unit may exist. You will 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 B. POWELL  
COMMISSIONER OF PUBLIC LANDS

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

RBP/FOP/pm  
cc: OCD  
BLM



RECEIVED  
JUN 9 54

Southern  
Rockies  
Business  
Unit

**CERTIFIED MAIL  
RETURN RECEIPT REQUESTED**

Garry Mihaichuk  
Vice President

June 2, 1993

Department of Interior  
Bureau of Land Management  
P.O. Box 1449  
Santa Fe, NM 87504-1449

Department of Interior  
Bureau of Land Management  
Office of District Engineer  
1235 La Plata Highway  
Farmington, NM 87401

New Mexico State Land Office  
Oil & Gas Development  
P.O. Box 1148  
Santa Fe, NM 87504-1148

State of New Mexico  
Oil Conservation Commission  
P.O. Box 2088  
Santa Fe, NM 87504-2088

**Re: 1992 Review of Operations  
1993 Plan of Development  
Gallegos Canyon Unit  
San Juan County, New Mexico**

Ladies and Gentlemen:

Enclosed for your review and approval, are five (5) copies each of Amoco Production Company's ("Amoco") 1992 Review of Operations and 1993 Plan of Development for the Gallegos Canyon Unit, limited to all formations below the base of the Pictured Cliffs formation. Amoco submits this plan, as operator of the Gallegos Canyon Unit, in these formations.

If you find this plan acceptable, please provide Amoco with notice of its approval. If additional information is required, please contact the undersigned at (303) 830-5870.

Very truly yours,

Jodie B. West  
Business Analyst

Enclosures

xc: All Working Interest Owners  
(See Attached Address List)

Gallegos Canyon Unit  
San Juan County, New Mexico  
1993 Plan of Development

1992 Operations Summary

In 1992 Amoco Production Company, as operator of the Gallegos Canyon Unit, drilled no new wells. This was in accordance with Amoco's 1992 Plan of Development.

Number of Completions

|        | Participating |                 |
|--------|---------------|-----------------|
|        | <u>Active</u> | <u>Inactive</u> |
| Dakota | 222           | 22              |
| Gallup | <u>5</u>      | <u>5</u>        |
| Total  | 227           | 27              |

Well Status

As of this date, the total number of wells in the Gallegos Canyon Unit is as follows:

|                       | <u>Participating</u> |
|-----------------------|----------------------|
| Dakota (DK)           | 244                  |
| Gallup (GP)           | 9                    |
| Plugged and Abandoned | <u>30</u>            |
| Total                 | 283                  |

1993 Drilling Program

No wells are proposed for drilling during 1993



Gallegos Canyon Unit  
San Juan County, New Mexico  
1993 Plan of Development

1992 Operations Summary

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|--------|---------------|-----------------|
|        | <u>Active</u> | <u>Inactive</u> |
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Gallegos Canyon Unit  
San Juan County, New Mexico  
1993 Plan of Development

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| Dakota | 222           | 22              |
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Gallegos Canyon Unit  
San Juan County, New Mexico  
1993 Plan of Development

1992 Operations Summary

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1993 Drilling Program

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Gallegos Canyon Unit  
San Juan County, New Mexico  
1993 Plan of Development

1992 Operations Summary

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Number of Completions

|        | Participating |                 |
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|        | <u>Active</u> | <u>Inactive</u> |
| Dakota | 222           | 22              |
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|                       | <u>Participating</u> |
|-----------------------|----------------------|
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| Gallup (GP)           | 9                    |
| Plugged and Abandoned | <u>30</u>            |
| Total                 | 283                  |

1993 Drilling Program

No wells are proposed for drilling during 1993



JIM BACA  
COMMISSIONER

State of New Mexico  
OFFICE OF THE  
Commissioner of Public Lands  
Santa Fe

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

SLO REF NO. OG-1302

May 5, 1993

BHP Petroleum (Americas) Inc.  
5847 San Felipe  
Suite 3600  
Houston, Texas 77057

Attn: Mr. Randall L. Davis

Re: 1993 Plan of Development  
Gallegos Canyon Unit  
San Juan County, New Mexico

Gentlemen:

The Commissioner of Public Lands has 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 will 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,

JIM BACA  
COMMISSIONER OF PUBLIC LANDS

BY: *Floyd O. Prando*  
FLOYD O. PRANDO, Director  
Oil and Gas Division  
(505) 827-5744

JB/FOP/pm  
cc: OCD  
BLM

5847 San Felipe Suite 3600  
Houston, Texas 77057  
Telephone: (713) 780-5000  
Fax (713) 780-5273  
Telex 9108813603

**CERTIFIED MAIL  
RETURN RECEIPT REQUESTED**

April 23, 1993

Department of Interior  
Bureau of Land Management  
P. O. Box 1449  
Santa Fe, NM 87504-1449

New Mexico State Land Office  
Oil & Gas Development  
P. O. Box 1148  
Santa Fe, NM 87504-1148



Department of Interior  
Bureau of Land Management  
Office of District Engineer  
1235 La Plata Highway  
Farmington, NM 87401

State of New Mexico  
Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, NM 87504-2088

Re: 1992 Review of Operations  
1993 Plan of Development  
Gallegos Canyon Unit  
Pictured Cliffs, Fruitland, and Farmington Formations  
San Juan County, New Mexico

Gentlemen:

Enclosed for your review and final approval, please find for each agency listed above five (5) copies of BHP Petroleum (Americas) Inc.'s 1992 Review of Operations and 1993 Plan of Development as sub-operator for the Gallegos Canyon Unit in San Juan County, New Mexico.

If you find this plan acceptable, please return one approved copy to BHP for our further handling. Should you need any additional information, please contact the undersigned at (713) 780-5363.

Very truly yours,

**BHP Petroleum (Americas) Inc.**

*Randall L. Davis*  
Randall L. Davis  
Manager, Land - U.S.

enc.

xc: All Working Interest Owners  
(See Attached Address List)

Amoco Production Company  
Attention: Land Manager  
P. O. Box 800  
Denver, CO 80201

**WORKING INTEREST OWNERS  
ADDRESS LIST  
Gallegos Canyon Unit**

Dugan Production Corporation  
P.O. Box 208  
Farmington, NM 87401

Paul Slayton  
P.O. Box 2035  
Roswell, NM 88201

Fina Oil & Chemical Company  
Attn: Robert E. Dempsey, Land Manager  
P.O. Box 2990  
Midland, TX 79702

Donald S. Fulsaa  
Individually and as Executor of  
Russell Fulsaa Estate  
4865 Lowry Road  
Oakland, CA 94605

Marilyn A. Fulsaa  
2440 Bryant Street  
Palo Alto, CA 94301

Richard M. Fulsaa  
West 1417 Kiernan  
Spokane, WA 99250

MMH Trust  
(Margaret Hodges, Trustee)  
P.O. Box 489  
Roswell, NM 88202

Maalfred S. Johnson and  
Harold K. Johnson Estate  
643 Montezuma Court  
Walnut Creek, CA 94598

Margaret C. Johnson  
1114 Laurel Drive  
Lafayette, CA 94549

Arley P. Geniusz Trust  
1405 E. Central Road, Apt. 120C  
Arlington Heights, IL 60005

Betty Mengotto  
19100 Crest Avenue, No. 10  
Castrol Valley, CA 94546

Meridian Oil Production, Inc.  
P.O. Box 4289  
Farmington, NM 87499

Conoco, Inc.  
10 Desta Drive West  
Midland, TX 79705

Weig Family Trust  
E.H. Weig, Trustee  
6633 Minnehaha Ave.  
Lincolnwood, IL 60646

Texaco, Inc.  
Attn: Joint Operations  
P.O. Box 46555  
Denver, CO 80201-6555

Chase Oil Corporation  
P.O. Box 276  
Artesia, NM 88211-0276

Total Minatome Corporation  
P.O. Box 4326  
Houston, Texas 77210

Wood Oil Company  
3100 Mid-Continent Tower  
Tulsa, OK 74103

Maryan Klinger Trust  
2050 Angelico Circle  
Stockton, CA 95207

Southland Royalty Company  
3535 E. 30th Street  
Farmington, NM 87499

**CERTIFIED MAIL  
RETURN RECEIPT REQUESTED**

March 31, 1993



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

Department of Interior  
Bureau of Land Management  
Office of District Engineer  
1235 La Plata Highway  
Farmington, NM 87401

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

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

Re: **1992 Review of Operations  
1993 Plan of Development**  
Gallegos Canyon Unit  
Pictured Cliffs, Fruitland, and Farmington Formations  
San Juan County, New Mexico

Gentlemen:

As sub-operator of certain unit lands within the Gallegos Canyon Unit located in San Juan County, New Mexico, BHP Petroleum (Americas), Inc. submits for your review and approval the following 1992 Review of Operations and the 1993 Plan of Development.

**1992 Review of Operations**

For the BHP P(A) operated wells within the Gallegos Canyon Unit, the production of gas and water for each reservoir for 1992 and on a cumulative basis through 1/1/93 is shown in Table I. A production curve for the summation of all unit wells is attached.

**TABLE I  
1992 PRODUCTION AND CUMULATIVE PRODUCTION**

| <u>Formation</u> | <u>1992 PRODUCTION</u> |                  | <u>CUMULATIVE PRODUCTION</u> |                  |
|------------------|------------------------|------------------|------------------------------|------------------|
|                  | <u>Gas, MMCF</u>       | <u>Water, BW</u> | <u>Gas, MMCF</u>             | <u>Water, BW</u> |
| Pictured Cliffs  | 5,671.907              | 333,491          | 101,534.157                  | 3,681,977        |
| Fruitland Coal   | 2,524.612              | 115,126          | 2,878.302                    | 123,276          |
| Fruitland Sand   | 350.156                | 5,471            | 4,333.348                    | 80,814           |
| Farmington       | 2.471                  | 41               | 62.549                       | 121              |



During 1992, BHP drilled and completed eleven (11) development wells and recompleted seventeen (17) wells. Results of this work are summarized in Table II for the drilling wells and in Table III for the recompletions. The remaining development wells listed in the 1992 Plan of Development which were not drilled have either been deferred pending further evaluation or are expected to be drilled in 1993.

### 1993 Plan of Development

For 1993, BHP P(A) proposes to drill sixteen (16) wells and recomplete twenty five (25) wells. This program is summarized in Tables IV and V for the drilling and recompletion wells, respectively. BHP P(A) will consider all recently drilled and completed wells for inclusion in new or existing Participating Areas in 1993.

**TABLE IV  
1993 PROPOSED DRILLING WELLS**

| <u>WELL NO.</u> | <u>LOCATION</u>     | <u>PRIMARY OBJECTIVE</u> |
|-----------------|---------------------|--------------------------|
| 399             | NE SEC 24 T29N-R13W | FRUITLAND COAL           |
| 402             | NE SEC 36 T29N-R13W | FRUITLAND COAL           |
| 420             | SW SEC 16 T29N-R12W | FRUITLAND COAL           |
| 421             | SW SEC 31 T29N-R12W | FRUITLAND COAL           |
| 519             | SW SEC 21 T29N-R12W | PICTURED CLIFFS          |
| 522             | NW SEC 22 T29N-R12W | PICTURED CLIFFS          |
| 527             | SE SEC 27 T29N-R12W | PICTURED CLIFFS          |
| 528             | NW SEC 36 T29N-R12W | PICTURED CLIFFS          |
| 529             | SE SEC 36 T29N-R12W | PICTURED CLIFFS          |
| 532             | NE SEC 26 T29N-R12W | PICTURED CLIFFS          |
| 535             | SW SEC 13 T29N-R13W | PICTURED CLIFFS          |
| 536             | NE SEC 13 T29N-R13W | PICTURED CLIFFS          |
| 537             | NE SEC 18 T29N-R12W | PICTURED CLIFFS          |
| 538             | SW SEC 17 T29N-R12W | PICTURED CLIFFS          |
| 539             | NE SEC 20 T29N-R12W | PICTURED CLIFFS          |
| 540             | NE SEC 21 T29N-R12W | PICTURED CLIFFS          |

TABLE V  
PROPOSED RECOMPLETION WELLS

| <u>WELL NO.</u> | <u>LOCATION</u>     | <u>OBJECTIVE</u> |
|-----------------|---------------------|------------------|
| 3               | SW SEC 24 T28N-R12W | FRUITLAND COAL   |
| 4               | NE SEC 34 T28N-R12W | FRUITLAND COAL   |
| 6               | SW SEC 22 T28N-R12W | FRUITLAND COAL   |
| 13              | SW SEC 27 T28N-R12W | FRUITLAND COAL   |
| 16              | NE SEC 27 T28N-R12W | FRUITLAND COAL   |
| 18              | NE SEC 21 T28N-R12W | FRUITLAND COAL   |
| 33              | SW SEC 21 T28N-R12W | FRUITLAND COAL   |
| 34              | SW SEC 28 T28N-R12W | FRUITLAND COAL   |
| 39              | SW SEC 16 T28N-R12W | FRUITLAND COAL   |
| 40              | NE SEC 29 T28N-R12W | FRUITLAND COAL   |
| 55              | NE SEC 35 T28N-R12W | FRUITLAND COAL   |
| 67              | NE SEC 22 T28N-R12W | FRUITLAND COAL   |
| 73              | SW SEC 20 T29N-R12W | FRUITLAND COAL   |
| 76              | SW SEC 23 T28N-R12W | FRUITLAND COAL   |
| 79              | NE SEC 9 T27N-R12W  | FRUITLAND COAL   |
| 128             | NE SEC 25 T28N-R12W | FRUITLAND COAL   |
| 267             | NE SEC 23 T28N-R12W | FRUITLAND COAL   |
| 273             | NW SEC 32 T28N-R12W | FRUITLAND COAL   |
| 275             | NW SEC 13 T28N-R13W | FRUITLAND COAL   |
| 295             | SW SEC 10 T28N-R12W | FRUITLAND COAL   |
| 309             | SW SEC 9 T28N-R12W  | FRUITLAND COAL   |
| 321             | SE SEC 12 T28N-R13W | FRUITLAND COAL   |
| 323             | SW SEC 32 T29N-R12W | FRUITLAND COAL   |
| 334             | SW SEC 11 T28N-R12W | FRUITLAND COAL   |
| 363             | NE SEC 26 T29N-R12W | FRUITLAND COAL   |

BHP P(A) respectfully submits this 1993 Plan of Development for your approval. Please provide both BHP P(A) and the Unit Operator, Amoco Production Company, notice of this plan's approval.

Sincerely yours,  
BHP PETROLEUM (AMERICAS), INC.

*Paul C. Bertoglio*  
Paul C. Bertoglio, P.E.  
Production Engineering Supervisor

enc.



TABLE II - GALLEGOS CANYON UNIT 1992 DEVELOPMENT DRILLING WELLS

| <u>WELL NO.</u> | <u>LOCATION</u>       | <u>FORMATION</u> | <u>COMPLETION</u> |  | <u>INITIAL POTENTIAL</u><br>MCFD/BWPD | <u>STATUS</u> |
|-----------------|-----------------------|------------------|-------------------|--|---------------------------------------|---------------|
|                 |                       |                  | <u>DATE</u>       |  |                                       |               |
| 390             | SW SEC 23 T29N - R13W | FRUITLAND COAL   | 10/19/92          |  | 80/17                                 | WOPL          |
| 391             | NE SEC 23 T29N - R13W | FRUITLAND COAL   | 10/06/92          |  | 400/71                                | WOPL          |
| 410             | SW SEC 35 T29N - R12W | FRUITLAND COAL   | 12/06/92          |  | 440/58                                | WOPL          |
| 411             | SW SEC 34 T29N - R12W | FRUITLAND COAL   | WOCT              |  | N/A                                   | WOCT          |
| 412             | SW SEC 12 T28N - R12W | FRUITLAND COAL   | 12/15/92          |  | 160/72                                | WOPL          |
| 414             | SW SEC 18 T28N - R11W | FRUITLAND COAL   | WOCT              |  | N/A                                   | WOCT          |
| 416             | NE SEC 19 T28N - R11W | FRUITLAND COAL   | WOCT              |  | N/A                                   | WOCT          |
| 417             | SW SEC 19 T28N - R11W | FRUITLAND COAL   | WOCT              |  | N/A                                   | WOCT          |
| 418             | SW SEC 13 T28N - R12W | FRUITLAND COAL   | WOCT              |  | N/A                                   | WOCT          |
| 525             | SW SEC 26 T29N - R12W | PICTURED CLIFFS  | 12/06/92          |  | 900/17                                | WOPL          |
| 526             | NE SEC 27 T29N - R12W | PICTURED CLIFFS  | 11/23/92          |  | 800/5                                 | WOPL          |
| 533             | SW SEC 22 T29N - R12W | PICTURED CLIFFS  | 11/19/92          |  | 986/2                                 | WOPL          |
| 13 SWD 1        | SE SEC 13 T29N - R13W | MESAVERDE        | 01/12/92          |  | N/A                                   | INJECTING     |

TABLE III - GALLEGOS CANYON UNIT 1992 RECOMPLETIONS WELLS

| <u>WELL NO.</u> | <u>LOCATION</u>       | <u>FORMATION</u> | <u>COMPLETION</u> |  | <u>INITIAL POTENTIAL</u><br>MCFD/BWPD | <u>STATUS</u> |
|-----------------|-----------------------|------------------|-------------------|--|---------------------------------------|---------------|
|                 |                       |                  | <u>DATE</u>       |  |                                       |               |
| 1               | SW SEC 19 T29N - R12W | FRUITLAND COAL   | 04/04/92          |  | 350/0                                 | PRODUCING     |
| 5               | NE SEC 13 T28N - R13W | FRUITLAND COAL   | 03/03/92          |  | 370/0                                 | PRODUCING     |
| 7               | NE SEC 30 T28N - R12W | FRUITLAND COAL   | 04/28/92          |  | 45/10                                 | WOPL          |
| 9               | SW SEC 32 T28N - R12W | FRUITLAND COAL   | 10/06/92          |  | 120/15                                | PRODUCING     |
| 10              | SW SEC 33 T28N - R12W | FRUITLAND COAL   | 10/19/92          |  | 25/2                                  | WOPL          |
| 19              | NE SEC 20 T28N - R12W | FRUITLAND COAL   | 03/10/92          |  | 660/2                                 | PRODUCING     |
| 20              | SW SEC 17 T28N - R12W | FRUITLAND COAL   | 08/27/92          |  | 480/12                                | PRODUCING     |
| 22              | NE SEC 18 T28N - R12W | FRUITLAND COAL   | 09/07/92          |  | 500/33                                | PRODUCING     |
| 32              | SW SEC 7 T28N - R12W  | FRUITLAND COAL   | 09/07/92          |  | 400/7                                 | PRODUCING     |
| 35              | SW SEC 20 T28N - R12W | FRUITLAND COAL   | 10/25/92          |  | 35/0                                  | WOPL          |
| 36              | NE SEC 19 T28N - R12W | FRUITLAND COAL   | 08/27/92          |  | 600/10                                | PRODUCING     |
| 53              | SW SEC 36 T28N - R12W | FRUITLAND COAL   | 09/19/92          |  | 300/27                                | PRODUCING     |
| 57              | SW SEC 35 T28N - R12W | FRUITLAND COAL   | 10/19/92          |  | 20/2                                  | WOPL          |
| 59              | SW SEC 31 T28N - R11W | FRUITLAND COAL   | 09/19/92          |  | 550/18                                | PRODUCING     |
| 61              | NE SEC 4 T27N - R12W  | FRUITLAND COAL   | 09/30/92          |  | 280/0                                 | PRODUCING     |
| 66              | NE SEC 35 T29N - R13W | FRUITLAND COAL   | 09/26/92          |  | 425/35                                | WOPL          |
| 80              | NE SEC 6 T27N - R12W  | FRUITLAND COAL   | 10/06/92          |  | 50/25                                 | WOPL          |

OIL CONSERVATION DIVISION  
RECEIVED



1994 MAR 29 AM 8 49

247

Southern

Rockies

Business

Unit

March 23, 1994

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Department of Interior  
Bureau of Land Management  
Office of District Engineer  
1235 La Plata Highway  
Farmington, New Mexico 87401

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

New Mexico State Land Office  
Oil and Gas Development  
P. O. Box 1148  
Santa Fe, NM 87301-1148

Re: 1993 Review of Operations  
1994 Plan of Development  
Gallegos Canyon Unit  
San Juan County, New Mexico

Ladies and Gentlemen:

Amoco Production Company, as Unit Operator for the Gallegos Canyon Unit as to depths below the base of the Pictured Cliffs formation, submits for you approval the attached Review of 1993 Operations and 1994 Plan of Development.

If you find this Plan of Development acceptable, please so indicate by signing in the space provided on the attached sheet and returning it to Amoco at the address below. If you have any questions, please feel free to call me at (303) 830-4844.

Yours very truly,

A handwritten signature in cursive script that reads "Julie A. Talbot".

Julie A. Talbot  
Senior Land Negotiator

JAT/ms

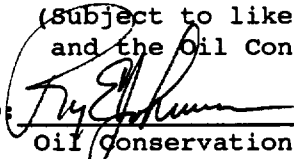
encl

xc: All Working Interest Owners  
(See attached list)

**Gallegos Canyon Unit  
1994 Plan of Development**

**APPROVED:** \_\_\_\_\_ Dated: \_\_\_\_\_  
Bureau of Land Management  
(Subject to like approval by the Commissioner of Public  
Lands and the Oil Conservation District)

**APPROVED:** \_\_\_\_\_ Dated: \_\_\_\_\_  
Commissioner of Public Lands  
(Subject to like approval by the Bureau of Land Management  
and the Oil Conservation District)

**APPROVED:**  \_\_\_\_\_ Dated: 3/29/94  
Oil Conservation District  
(Subject to like approval by the Bureau of Land Management  
and the Commissioner of Public Lands)

The foregoing approvals are for the 1994 Plan of Development for the Gallegos Canyon Unit.

**GALLEGOS CANYON UNIT  
WORKING INTEREST OWNERS**

Chase Oil Corporation  
P. O. Box 276  
Artesia, NM 88211-0276

Texaco E & P Inc.  
P. O. Box 2100  
Denver, CO 80201-2100

Total Minatome Corporation  
P. O. Box 4326  
Houston, Texas 77210-4326

Wood Oil Company  
Dept 19  
Tulsa, OK 74182

Conoco, Inc.  
10 Desta Drive West  
Midland, TX 79705-4515

Patricia Kalvestrand  
3453 Toro Way  
Redding, CA 96002-9763

Nicole Huve Trust  
The First National Bank, Trustee  
P. O. Box 1331  
Amarillo, TX 79180-0001

MMH Trust  
Margaret M. Hodges, Trustee  
P. O. Box 489  
Roswell, NM 88202-0489

Paul Slayton  
P. O. Box 2035  
Roswell, NM 88202-2035

Meridian Oil Production Inc.  
P. O. Box 4289  
Farmington, NM 87499-4289

Maryan Klinger Revocable Trust  
Robert W. Klinger, Successor Trustee  
2050 Angelico Circle  
Stockton, CA 95207-7869

**GALLEGOS CANYON UNIT  
SAN JUAN COUNTY, NEW MEXICO**

**Review of 1993 Operations**

During 1993 Amoco Production Company, as operator of the Gallegos Canyon Unit, did not drill or recomplete any wells. Gallegos Canyon Unit 238R was plugged and abandoned. A map of the unit is attached (Attachment No. 1). The unit produced an average of 21,987 MCFD (Attachment No. 2) over the course of the year. There are currently 209 active Dakota wells and 4 active Gallup wells within the unit (Attachment No. 3)

**1994 Plan of Development**

No wells are proposed for drilling during 1994. Fourteen wellbores will be evaluated for recompletions to uphole formations during 1994 (Attachment No. 4). These wells appear to have uphole possibilities at this point in time. A thorough evaluation of each wellbore will be made during the course of the year and specific recommendations will be sent to the working interest owners for approval. If any of the 14 wellbores can not be recompleted to uphole formations the wellbores will be plugged and abandoned. Please address any questions or comments concerning this Plan of Development to Steve Smethie (303-830-5892) in Denver.