

|                    |                 |                |              |             |
|--------------------|-----------------|----------------|--------------|-------------|
| DATE IN<br>7/25/01 | SUSPENSE<br>N/R | ENGINEER<br>DC | LOGGED<br>NN | TYPE<br>DHC |
|--------------------|-----------------|----------------|--------------|-------------|

120656296

ABOVE THIS LINE FOR DIVISION USE ONLY

# NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

01 JUL 25 PM 3:18

## ADMINISTRATIVE APPLICATION COVERSHEET

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

### Application Acronyms:

[NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]  
 [DD-Directional Drilling] [SD-Simultaneous Dedication]  
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]  
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]  
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]  
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]  
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

### [1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Directional Drilling  
 \_\_\_ NSL \_\_\_ NSP \_\_\_ DD \_\_\_ SD

Check One Only for [B] and [C]

[B] Commingling - Storage - Measurement  
X DHC \_\_\_ CTB \_\_\_ PLC \_\_\_ PC \_\_\_ OLS \_\_\_ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
 \_\_\_ WFX \_\_\_ PMX \_\_\_ SWD \_\_\_ IPI \_\_\_ EOR \_\_\_ PPR

Form 3160-5 was  
 sent to BLM 7-24-01  
 Please call me if  
 you see something I  
 have overlooked.  
 Thank you,  
 Cherry Hlava

### [2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or X Does Not Apply

[A] \_\_\_ Working, Royalty or Overriding Royalty Interest Owners

[B] \_\_\_ Offset Operators, Leaseholders or Surface Owner

[C] \_\_\_ Application is One Which Requires Published Legal Notice

[D] \_\_\_ Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] \_\_\_ For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] \_\_\_ Waivers are Attached

### [3] INFORMATION / DATA SUBMITTED IS COMPLETE - Statement of Understanding

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with supervisory capacity.

Cherry Hlava Cherry Hlava Permitting Analyst 07/23/2001  
 Print or Type Name Signature Title Date  
 281-366-4081

District I  
1625 N. French Dr., Hobbs, NM 88240

District II  
811 South First, Artesia, NM 88210

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-102  
Revised August 15, 2000

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

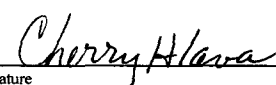
WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                                |                                                               |                                                   |
|------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------|
| <sup>1</sup> API Number<br><b>30-039-06709</b> | <sup>2</sup> Pool Code<br><b>72319</b>                        | <sup>3</sup> Pool Name<br><b>Blanco Mesaverde</b> |
| <sup>4</sup> Property Code<br><b>000735</b>    | <sup>5</sup> Property Name<br><b>Jicarilla Apache 102</b>     | <sup>6</sup> Well Number<br><b>7</b>              |
| <sup>7</sup> OGRID No.<br><b>000778</b>        | <sup>8</sup> Operator Name<br><b>Amoco Production Company</b> | <sup>9</sup> Elevation<br><b>7010'</b>            |

| <sup>10</sup> Surface Location |                      |                        |                     |         |                               |                                  |                               |                               |                             |
|--------------------------------|----------------------|------------------------|---------------------|---------|-------------------------------|----------------------------------|-------------------------------|-------------------------------|-----------------------------|
| UL or lot no.<br><b>Unit 6</b> | Section<br><b>03</b> | Township<br><b>26N</b> | Range<br><b>04W</b> | Lot Idn | Feet from the<br><b>1850'</b> | North/South line<br><b>North</b> | Feet from the<br><b>2390'</b> | East/West line<br><b>East</b> | County<br><b>Rio Arriba</b> |

| <sup>11</sup> Bottom Hole Location If Different From Surface |                               |                                  |                         |         |               |                  |               |                |        |
|--------------------------------------------------------------|-------------------------------|----------------------------------|-------------------------|---------|---------------|------------------|---------------|----------------|--------|
| UL or lot no.                                                | Section                       | Township                         | Range                   | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
| <sup>12</sup> Dedicated Acres<br><b>320 Ac.</b>              | <sup>13</sup> Joint or Infill | <sup>14</sup> Consolidation Code | <sup>15</sup> Order No. |         |               |                  |               |                |        |

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A  
NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

|               |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------|--|--|--|--|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <sup>16</sup> |  |  |  |  |  | <sup>17</sup> OPERATOR CERTIFICATION<br><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i><br><br><br>Signature<br><br><b>Cherry Hlava</b><br>Printed Name<br><br><b>Regulatory Analyst</b><br>Title<br><br><b>07/23/2001</b><br>Date                 |
|               |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                    |
|               |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                    |
|               |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                    |
|               |  |  |  |  |  | <sup>18</sup> SURVEYOR CERTIFICATION<br><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i><br><br><b>03/23/1963</b><br>Date of Survey<br><br>Signature and Seal of Professional Surveyor:<br><br><b>E.V. Echahawk 3602</b><br>Certificate Number |
|               |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                    |
|               |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                    |
|               |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                    |

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
**District II**  
811 South First, Artesia, NM 88210  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
**District IV**  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-102  
Revised August 15, 2000

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

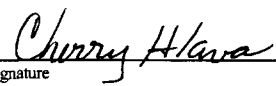
**WELL LOCATION AND ACREAGE DEDICATION PLAT**

|                                                |  |                                                               |  |                                                 |                                        |
|------------------------------------------------|--|---------------------------------------------------------------|--|-------------------------------------------------|----------------------------------------|
| <sup>1</sup> API Number<br><b>30-039-06709</b> |  | <sup>2</sup> Pool Code<br><b>72920</b>                        |  | <sup>3</sup> Pool Name<br><b>BS Mesa Gallup</b> |                                        |
| <sup>4</sup> Property Code<br><b>000735</b>    |  | <sup>5</sup> Property Name<br><b>Jicarilla Apache 102</b>     |  |                                                 | <sup>6</sup> Well Number<br><b>7</b>   |
| <sup>7</sup> OGRID No.<br><b>000778</b>        |  | <sup>8</sup> Operator Name<br><b>Amoco Production Company</b> |  |                                                 | <sup>9</sup> Elevation<br><b>7010'</b> |

| <sup>10</sup> Surface Location |                      |                        |                     |         |                               |                                  |                               |                               |                             |
|--------------------------------|----------------------|------------------------|---------------------|---------|-------------------------------|----------------------------------|-------------------------------|-------------------------------|-----------------------------|
| UL or lot no.<br><b>Unit 6</b> | Section<br><b>03</b> | Township<br><b>26N</b> | Range<br><b>04W</b> | Lot Idn | Feet from the<br><b>1850'</b> | North/South line<br><b>North</b> | Feet from the<br><b>2390'</b> | East/West line<br><b>East</b> | County<br><b>Rio Arriba</b> |

| <sup>11</sup> Bottom Hole Location If Different From Surface |         |                               |       |                                  |               |                         |               |                |        |
|--------------------------------------------------------------|---------|-------------------------------|-------|----------------------------------|---------------|-------------------------|---------------|----------------|--------|
| UL or lot no.                                                | Section | Township                      | Range | Lot Idn                          | Feet from the | North/South line        | Feet from the | East/West line | County |
| <sup>12</sup> Dedicated Acres<br><b>160</b>                  |         | <sup>13</sup> Joint or Infill |       | <sup>14</sup> Consolidation Code |               | <sup>15</sup> Order No. |               |                |        |

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

|    |  |  |       |  |       |                                                                                                                                                                                                                                                                                                     |  |
|----|--|--|-------|--|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 16 |  |  | 1850' |  | 2390' | <sup>17</sup> OPERATOR CERTIFICATION<br><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i><br><br>Signature                            |  |
|    |  |  |       |  |       | Printed Name <b>Cherry Hlava</b><br>Title <b>Permitting Analyst</b><br>Date <b>07/23/2001</b>                                                                                                                                                                                                       |  |
|    |  |  |       |  |       | <sup>18</sup> SURVEYOR CERTIFICATION<br><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i><br><b>03/23/1963</b><br>Date of Survey |  |
|    |  |  |       |  |       | Signature and Seal of Professional Surveyor:<br><br><b>E.V. Echahawk 3602</b><br>Certificate Number                                                                                                                                                                                                 |  |

**District I**  
1625 N. French Dr., Hobbs, NM 88240

**District II**  
811 South First, Artesia, NM 88210

**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410

**District IV**  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-102  
Revised August 15, 2000

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

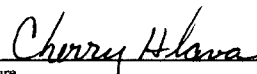
WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                                |                                                               |                                               |
|------------------------------------------------|---------------------------------------------------------------|-----------------------------------------------|
| <sup>1</sup> API Number<br><b>30-039-06709</b> | <sup>2</sup> Pool Code<br><b>71599</b>                        | <sup>3</sup> Pool Name<br><b>Basin Dakota</b> |
| <sup>4</sup> Property Code<br><b>000735</b>    | <sup>5</sup> Property Name<br><b>Jicarilla Apache 102</b>     | <sup>6</sup> Well Number<br><b>7</b>          |
| <sup>7</sup> OGRID No.<br><b>000778</b>        | <sup>8</sup> Operator Name<br><b>Amoco Production Company</b> | <sup>9</sup> Elevation<br><b>7010'</b>        |

|                                |                      |                        |                     |         |                               |                                  |                               |                               |                             |
|--------------------------------|----------------------|------------------------|---------------------|---------|-------------------------------|----------------------------------|-------------------------------|-------------------------------|-----------------------------|
| <sup>10</sup> Surface Location |                      |                        |                     |         |                               |                                  |                               |                               |                             |
| UL or lot no.<br><b>Unit 6</b> | Section<br><b>03</b> | Township<br><b>26N</b> | Range<br><b>04W</b> | Lot Idn | Feet from the<br><b>1850'</b> | North/South line<br><b>North</b> | Feet from the<br><b>2390'</b> | East/West line<br><b>East</b> | County<br><b>Rio Arriba</b> |

|                                                              |                               |                                  |                         |         |               |                  |               |                |        |
|--------------------------------------------------------------|-------------------------------|----------------------------------|-------------------------|---------|---------------|------------------|---------------|----------------|--------|
| <sup>11</sup> Bottom Hole Location If Different From Surface |                               |                                  |                         |         |               |                  |               |                |        |
| UL or lot no.                                                | Section                       | Township                         | Range                   | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
| <sup>12</sup> Dedicated Acres<br><b>320</b>                  | <sup>13</sup> Joint or Infill | <sup>14</sup> Consolidation Code | <sup>15</sup> Order No. |         |               |                  |               |                |        |

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

|               |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------|--|--|--|--|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <sup>16</sup> |  |  |  |  |  | <sup>17</sup> OPERATOR CERTIFICATION<br><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i><br><br><br>Signature<br><br>Cherry Hlava<br>Printed Name<br><br>Permitting Analyst<br>Title<br><br>07/23/2001<br>Date                    |
|               |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                  |
|               |  |  |  |  |  | <sup>18</sup> SURVEYOR CERTIFICATION<br><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i><br><br>03/23/1963<br>Date of Survey<br>Signature and Seal of Professional Surveyor:<br><br>E.V. Echuhawk 3602<br>Certificate Number |
|               |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                  |

District I  
1625 N. French Drive, Hobbs, NM 88240  
2000  
District II  
811 South First Street, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Pools  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department  
  
OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, New Mexico 87505

Form C-107A  
Revised May 15,  
  
APPLICATION TYPE  
☒ Single Well  
☐ Establish Pre-Approved  
  
EXISTING WELLBORE  
☒ Yes ☐ No

APPLICATION FOR DOWNHOLE COMMINGLING

Amoco Production Company P. O. Box 3092 Houston, TX 77253  
Operator Address  
Jicarilla Apache 102 7 Unit G Section 03 T26N, R04W Rio Arriba  
Lease Well No. Unit Letter-Section-Township-Range County  
OGRID No. 000778 Property Code 000735 API No. 30-039-06709 Lease Type: ☒ Federal ☐ State ☐ Fee

| DATA ELEMENT                                                      | UPPER ZONE                                       | INTERMEDIATE ZONE                                | LOWER ZONE                                       |
|-------------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|
| Pool Name                                                         | Blanco Mesaverde                                 | BS Mesa Gallup                                   | Basin Dakota                                     |
| Pool Code                                                         | 72319                                            | 72920                                            | 71599                                            |
| Top & Bottom of Pay Section<br>(Perforated or Open-Hole Interval) | 5460' - 6009'                                    | 7486' - 7492'                                    | 7964' - 8122'                                    |
| Method of Production<br>(Flowing or Artificial Lift)              | New                                              | Artificial Lift                                  | Artificial Lift                                  |
| Bottomhole Pressure                                               |                                                  |                                                  |                                                  |
| Oil Gravity or Gas BTU<br>(Degree API or Gas BTU)                 |                                                  |                                                  |                                                  |
| Producing, Shut-In or<br>New Zone                                 | New Zone                                         | Producing                                        | Producing                                        |
| Date and Oil/Gas/Water Rates<br>of Last Production.               | Date:<br>Rates:                                  | Date:<br>Rates:                                  | Date:<br>Rates:                                  |
| Fixed Allocation Percentage                                       | Oil                  Gas<br>%                  % | Oil                  Gas<br>%                  % | Oil                  Gas<br>%                  % |

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes ☒ No ☐  
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes ☐ No ☐  
  
Are all produced fluids from all commingled zones compatible with each other? Yes ☒ No ☐  
  
Will commingling decrease the value of production? Yes ☐ No ☒  
  
If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application? Yes ☐ No ☐  
  
NMOCD Reference Case No. applicable to this well: \_\_\_\_\_

Attachments:  
C-102 for each zone to be commingled showing its spacing unit and acreage dedication.  
Production curve for each zone for at least one year. (If not available, attach explanation.)  
For zones with no production history, estimated production rates and supporting data.  
Data to support allocation method or formula.  
Notification list of working, royalty and overriding royalty interests for uncommon interest cases.  
Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

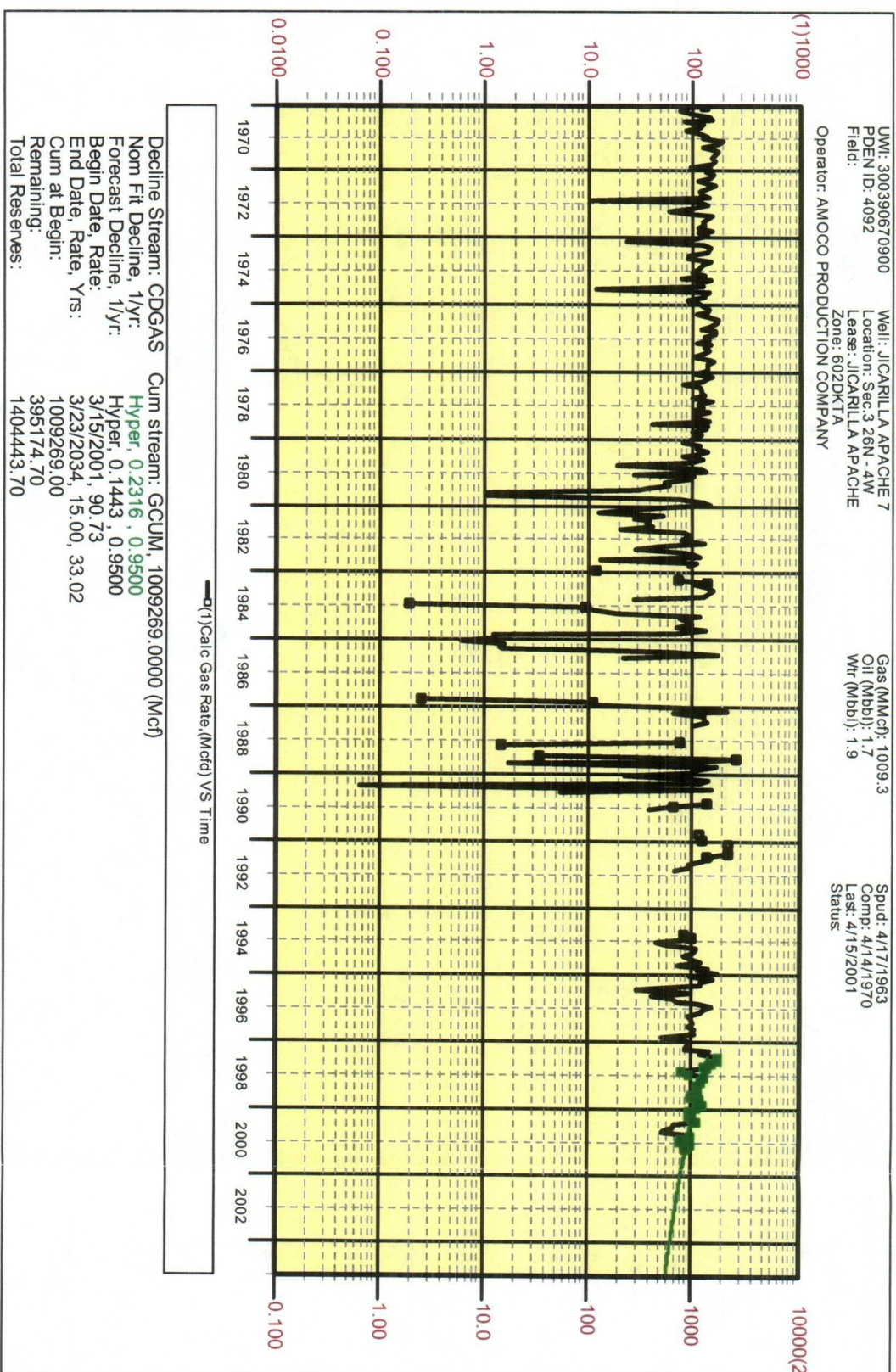
List of other orders approving downhole commingling within the proposed Pre-Approved Pools  
List of all operators within the proposed Pre-Approved Pools  
Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.  
Bottomhole pressure data.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Cherry Hlava TITLE Permitting Analyst DATE 07/23/2001  
TYPE OR PRINT NAME Cherry Hlava TELEPHONE NO. ( 281 ) 366-4081

JICARILLA APACHE 102 WELL 7  
Future Production Decline for Basin Dakota

| PDEN | UWI          | DATE      | Gas | Condensate |
|------|--------------|-----------|-----|------------|
| 4092 | 300390670900 | 8/1/2001  | 86  | 1.599      |
| 4092 | 300390670900 | 9/1/2001  | 85  | 1.581      |
| 4092 | 300390670900 | 10/1/2001 | 84  | 1.563      |
| 4092 | 300390670900 | 11/1/2001 | 83  | 1.546      |
| 4092 | 300390670900 | 12/1/2001 | 82  | 1.529      |
| 4092 | 300390670900 | 1/1/2002  | 81  | 1.512      |
| 4092 | 300390670900 | 2/1/2002  | 80  | 1.495      |
| 4092 | 300390670900 | 3/1/2002  | 80  | 1.481      |
| 4092 | 300390670900 | 4/1/2002  | 79  | 1.465      |
| 4092 | 300390670900 | 5/1/2002  | 78  | 1.450      |
| 4092 | 300390670900 | 6/1/2002  | 77  | 1.435      |
| 4092 | 300390670900 | 7/1/2002  | 76  | 1.420      |
| 4092 | 300390670900 | 8/1/2002  | 76  | 1.406      |
| 4092 | 300390670900 | 9/1/2002  | 75  | 1.391      |
| 4092 | 300390670900 | 10/1/2002 | 74  | 1.378      |
| 4092 | 300390670900 | 11/1/2002 | 73  | 1.364      |
| 4092 | 300390670900 | 12/1/2002 | 73  | 1.351      |
| 4092 | 300390670900 | 1/1/2003  | 72  | 1.338      |
| 4092 | 300390670900 | 2/1/2003  | 71  | 1.325      |
| 4092 | 300390670900 | 3/1/2003  | 71  | 1.313      |
| 4092 | 300390670900 | 4/1/2003  | 70  | 1.300      |
| 4092 | 300390670900 | 5/1/2003  | 69  | 1.289      |
| 4092 | 300390670900 | 6/1/2003  | 69  | 1.276      |
| 4092 | 300390670900 | 7/1/2003  | 68  | 1.265      |
| 4092 | 300390670900 | 8/1/2003  | 67  | 1.253      |
| 4092 | 300390670900 | 9/1/2003  | 67  | 1.242      |
| 4092 | 300390670900 | 10/1/2003 | 66  | 1.231      |
| 4092 | 300390670900 | 11/1/2003 | 66  | 1.220      |
| 4092 | 300390670900 | 12/1/2003 | 65  | 1.209      |
| 4092 | 300390670900 | 1/1/2004  | 64  | 1.199      |
| 4092 | 300390670900 | 2/1/2004  | 64  | 1.188      |
| 4092 | 300390670900 | 3/1/2004  | 63  | 1.178      |
| 4092 | 300390670900 | 4/1/2004  | 63  | 1.168      |
| 4092 | 300390670900 | 5/1/2004  | 62  | 1.158      |
| 4092 | 300390670900 | 6/1/2004  | 62  | 1.149      |
| 4092 | 300390670900 | 7/1/2004  | 61  | 1.139      |
| 4092 | 300390670900 | 8/1/2004  | 61  | 1.130      |
| 4092 | 300390670900 | 9/1/2004  | 60  | 1.120      |
| 4092 | 300390670900 | 10/1/2004 | 60  | 1.111      |
| 4092 | 300390670900 | 11/1/2004 | 59  | 1.102      |

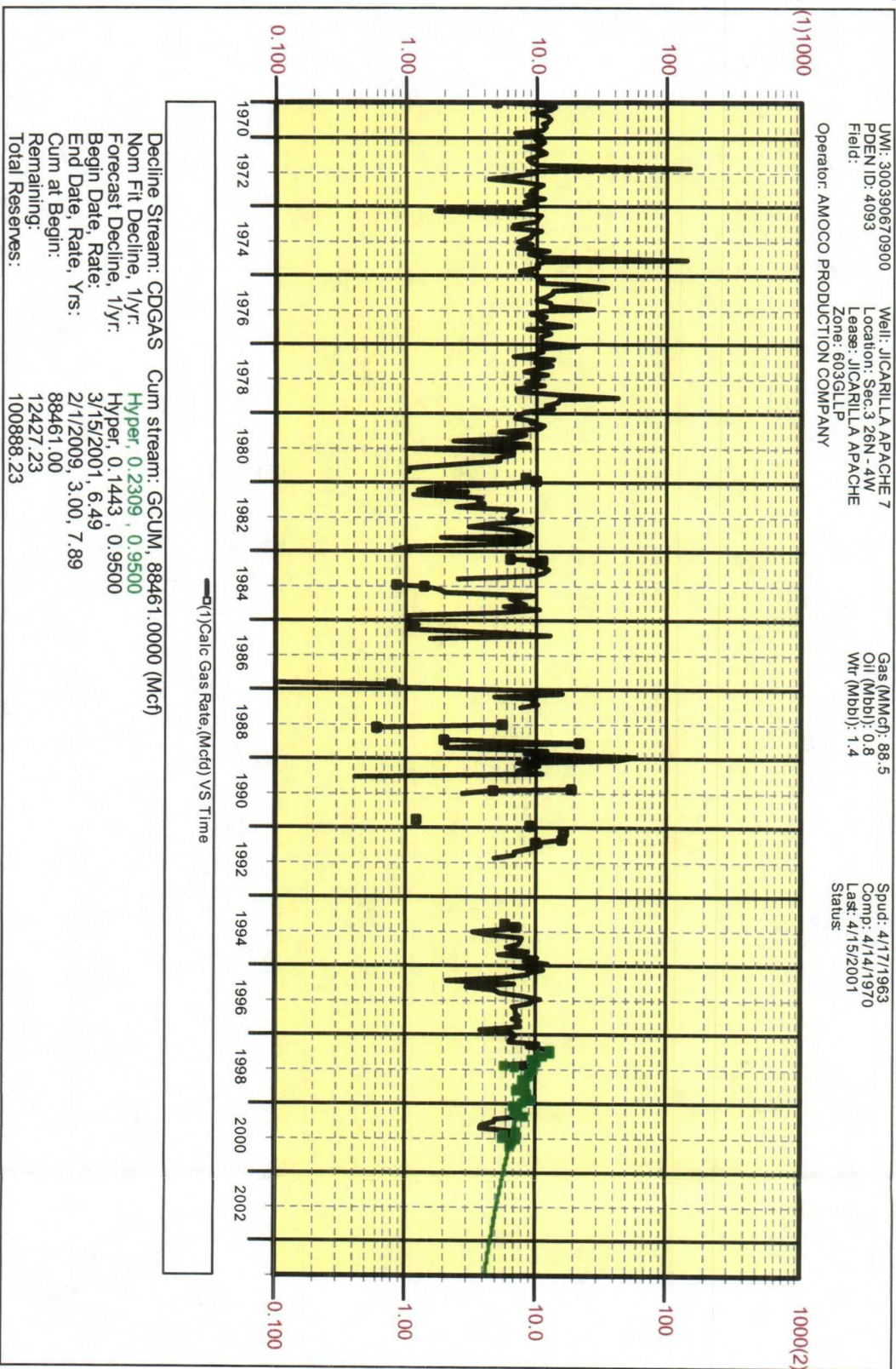


JICARILLA APACHE 102 WELL 7  
Future Production Decline for Basin Dakota

| PDEN | UWI          | DATE      | Gas | Condensate |
|------|--------------|-----------|-----|------------|
| 4092 | 300390670900 | 12/1/2004 | 59  | 1.094      |
| 4092 | 300390670900 | 1/1/2005  | 58  | 1.085      |
| 4092 | 300390670900 | 2/1/2005  | 58  | 1.076      |
| 4092 | 300390670900 | 3/1/2005  | 57  | 1.068      |
| 4092 | 300390670900 | 4/1/2005  | 57  | 1.060      |
| 4092 | 300390670900 | 5/1/2005  | 57  | 1.052      |
| 4092 | 300390670900 | 6/1/2005  | 56  | 1.044      |
| 4092 | 300390670900 | 7/1/2005  | 56  | 1.036      |
| 4092 | 300390670900 | 8/1/2005  | 55  | 1.028      |
| 4092 | 300390670900 | 9/1/2005  | 55  | 1.020      |
| 4092 | 300390670900 | 10/1/2005 | 54  | 1.013      |
| 4092 | 300390670900 | 11/1/2005 | 54  | 1.005      |
| 4092 | 300390670900 | 12/1/2005 | 54  | 0.998      |
| 4092 | 300390670900 | 1/1/2006  | 53  | 0.991      |
| 4092 | 300390670900 | 2/1/2006  | 53  | 0.983      |
| 4092 | 300390670900 | 3/1/2006  | 53  | 0.977      |
| 4092 | 300390670900 | 4/1/2006  | 52  | 0.970      |
| 4092 | 300390670900 | 5/1/2006  | 52  | 0.963      |
| 4092 | 300390670900 | 6/1/2006  | 51  | 0.956      |
| 4092 | 300390670900 | 7/1/2006  | 51  | 0.950      |
| 4092 | 300390670900 | 8/1/2006  | 51  | 0.943      |
| 4092 | 300390670900 | 9/1/2006  | 50  | 0.936      |
| 4092 | 300390670900 | 10/1/2006 | 50  | 0.930      |
| 4092 | 300390670900 | 11/1/2006 | 50  | 0.924      |
| 4092 | 300390670900 | 12/1/2006 | 49  | 0.918      |
| 4092 | 300390670900 | 1/1/2007  | 49  | 0.911      |
| 4092 | 300390670900 | 2/1/2007  | 49  | 0.905      |
| 4092 | 300390670900 | 3/1/2007  | 48  | 0.900      |
| 4092 | 300390670900 | 4/1/2007  | 48  | 0.894      |
| 4092 | 300390670900 | 5/1/2007  | 48  | 0.888      |
| 4092 | 300390670900 | 6/1/2007  | 47  | 0.882      |
| 4092 | 300390670900 | 7/1/2007  | 47  | 0.876      |
| 4092 | 300390670900 | 8/1/2007  | 47  | 0.871      |
| 4092 | 300390670900 | 9/1/2007  | 47  | 0.865      |
| 4092 | 300390670900 | 10/1/2007 | 46  | 0.860      |
| 4092 | 300390670900 | 11/1/2007 | 46  | 0.854      |
| 4092 | 300390670900 | 12/1/2007 | 46  | 0.849      |
| 4092 | 300390670900 | 1/1/2008  | 45  | 0.843      |
| 4092 | 300390670900 | 2/1/2008  | 45  | 0.838      |
| 4092 | 300390670900 | 3/1/2008  | 45  | 0.833      |

# JICARILLA APACHE 102 WELL 7 Future Production Decline for BS Mesa Gallup

| PDEN | UWI          | DATE      | Gas | Condensate |
|------|--------------|-----------|-----|------------|
| 4093 | 300390670900 | 8/1/2002  | 5   | 0.401      |
| 4093 | 300390670900 | 9/1/2002  | 5   | 0.397      |
| 4093 | 300390670900 | 10/1/2002 | 5   | 0.393      |
| 4093 | 300390670900 | 11/1/2002 | 5   | 0.389      |
| 4093 | 300390670900 | 12/1/2002 | 5   | 0.385      |
| 4093 | 300390670900 | 1/1/2003  | 5   | 0.382      |
| 4093 | 300390670900 | 2/1/2003  | 5   | 0.378      |
| 4093 | 300390670900 | 3/1/2003  | 5   | 0.375      |
| 4093 | 300390670900 | 4/1/2003  | 5   | 0.371      |
| 4093 | 300390670900 | 5/1/2003  | 5   | 0.368      |
| 4093 | 300390670900 | 6/1/2003  | 5   | 0.364      |
| 4093 | 300390670900 | 7/1/2003  | 5   | 0.361      |
| 4093 | 300390670900 | 8/1/2003  | 5   | 0.357      |
| 4093 | 300390670900 | 9/1/2003  | 5   | 0.354      |
| 4093 | 300390670900 | 10/1/2003 | 5   | 0.351      |
| 4093 | 300390670900 | 11/1/2003 | 5   | 0.348      |
| 4093 | 300390670900 | 12/1/2003 | 5   | 0.345      |
| 4093 | 300390670900 | 1/1/2004  | 5   | 0.342      |
| 4093 | 300390670900 | 2/1/2004  | 5   | 0.339      |
| 4093 | 300390670900 | 3/1/2004  | 5   | 0.336      |
| 4093 | 300390670900 | 4/1/2004  | 4   | 0.333      |
| 4093 | 300390670900 | 5/1/2004  | 4   | 0.330      |
| 4093 | 300390670900 | 6/1/2004  | 4   | 0.328      |
| 4093 | 300390670900 | 7/1/2004  | 4   | 0.325      |
| 4093 | 300390670900 | 8/1/2004  | 4   | 0.322      |
| 4093 | 300390670900 | 9/1/2004  | 4   | 0.320      |
| 4093 | 300390670900 | 10/1/2004 | 4   | 0.317      |
| 4093 | 300390670900 | 11/1/2004 | 4   | 0.314      |
| 4093 | 300390670900 | 12/1/2004 | 4   | 0.312      |
| 4093 | 300390670900 | 1/1/2005  | 4   | 0.309      |
| 4093 | 300390670900 | 2/1/2005  | 4   | 0.307      |
| 4093 | 300390670900 | 3/1/2005  | 4   | 0.305      |
| 4093 | 300390670900 | 4/1/2005  | 4   | 0.302      |
| 4093 | 300390670900 | 5/1/2005  | 4   | 0.300      |
| 4093 | 300390670900 | 6/1/2005  | 4   | 0.298      |
| 4093 | 300390670900 | 7/1/2005  | 4   | 0.296      |
| 4093 | 300390670900 | 8/1/2005  | 4   | 0.293      |
| 4093 | 300390670900 | 9/1/2005  | 4   | 0.291      |
| 4093 | 300390670900 | 10/1/2005 | 4   | 0.289      |
| 4093 | 300390670900 | 11/1/2005 | 4   | 0.287      |



JICARILLA APACHE 102 WELL 7  
Future Production Decline for BS Mesa Gallup

| PDEN | LWI          | DATE      | Gas | Condensate |
|------|--------------|-----------|-----|------------|
| 4093 | 300390670900 | 12/1/2005 | 4   | 0.285      |
| 4093 | 300390670900 | 1/1/2006  | 4   | 0.283      |
| 4093 | 300390670900 | 2/1/2006  | 4   | 0.281      |
| 4093 | 300390670900 | 3/1/2006  | 4   | 0.279      |
| 4093 | 300390670900 | 4/1/2006  | 4   | 0.277      |
| 4093 | 300390670900 | 5/1/2006  | 4   | 0.275      |
| 4093 | 300390670900 | 6/1/2006  | 4   | 0.273      |
| 4093 | 300390670900 | 7/1/2006  | 4   | 0.271      |
| 4093 | 300390670900 | 8/1/2006  | 4   | 0.269      |
| 4093 | 300390670900 | 9/1/2006  | 4   | 0.267      |
| 4093 | 300390670900 | 10/1/2006 | 4   | 0.265      |
| 4093 | 300390670900 | 11/1/2006 | 4   | 0.264      |
| 4093 | 300390670900 | 12/1/2006 | 4   | 0.262      |
| 4093 | 300390670900 | 1/1/2007  | 4   | 0.260      |
| 4093 | 300390670900 | 2/1/2007  | 3   | 0.258      |
| 4093 | 300390670900 | 3/1/2007  | 3   | 0.257      |
| 4093 | 300390670900 | 4/1/2007  | 3   | 0.255      |
| 4093 | 300390670900 | 5/1/2007  | 3   | 0.253      |
| 4093 | 300390670900 | 6/1/2007  | 3   | 0.252      |
| 4093 | 300390670900 | 7/1/2007  | 3   | 0.250      |
| 4093 | 300390670900 | 8/1/2007  | 3   | 0.248      |
| 4093 | 300390670900 | 9/1/2007  | 3   | 0.247      |
| 4093 | 300390670900 | 10/1/2007 | 3   | 0.245      |
| 4093 | 300390670900 | 11/1/2007 | 3   | 0.244      |
| 4093 | 300390670900 | 12/1/2007 | 3   | 0.242      |
| 4093 | 300390670900 | 1/1/2008  | 3   | 0.241      |
| 4093 | 300390670900 | 2/1/2008  | 3   | 0.239      |
| 4093 | 300390670900 | 3/1/2008  | 3   | 0.238      |
| 4093 | 300390670900 | 4/1/2008  | 3   | 0.236      |
| 4093 | 300390670900 | 5/1/2008  | 3   | 0.235      |
| 4093 | 300390670900 | 6/1/2008  | 3   | 0.233      |
| 4093 | 300390670900 | 7/1/2008  | 3   | 0.232      |
| 4093 | 300390670900 | 8/1/2008  | 3   | 0.231      |
| 4093 | 300390670900 | 9/1/2008  | 3   | 0.229      |
| 4093 | 300390670900 | 10/1/2008 | 3   | 0.228      |
| 4093 | 300390670900 | 11/1/2008 | 3   | 0.226      |
| 4093 | 300390670900 | 12/1/2008 | 3   | 0.225      |
| 4093 | 300390670900 | 1/1/2009  | 3   | 0.224      |
| 4093 | 300390670900 | 2/1/2009  | 3   | 0.222      |
| 4093 | 300390670900 |           |     | 0.000      |

***New Mexico Oil Conservation Division---Engineering Bureau***  
***Administrative Application Process Documentation***

**Date Application Received:**

7/25/01

**Date of Preliminary Review:**

**(Note: Must be within 10-days of received date)**

7/26/01

**Results:**                 Application Complete        X   Application Incomplete

**Date Incomplete Letter Sent:**

7/26/01

**Deadline to Submit Requested Information:**

8/2/01 / Rec'd 8-3-01

**Phone Call Date:**

**(Note: Only applies if requested data is not submitted within the 7-day deadline)**

**Phone Log Completed?**

           Yes

           No

**Date Application Processed:**

**Date Application Returned:**

**(Note: Only as a last resort & only after repeated attempts by the Division to obtain the necessary information to process the application)**