|   | an sherangan sheranga sa      |  | DHC 5/12/97   |  |  |  |  |  |  |  |
|---|---|--|---|--|--|--|--|--|--|--|
| DISTRICT I<br>PO Box 1980, Hobbs, NM \$8241 1980<br>BITRICT II<br>ADR 2 2 1997<br>BITRICT II<br>BITRICT II<br>ADR 2 2 1997<br>BITRICT II<br>BITRICT II<br>ADR 2 2 1997<br>BITRICT II<br>ADR 2 1977<br>BITRICT II<br>ADR 2 1 |   |  |   |  |  |  |  |  |  |  |
| DISTRICT III<br>1000 Rio Brazos Rd. Aztec, NM 87410 1893  | APPLICATION FOR DOV   | WNHOLE COMMINGLING   | EXISTING WELLBORE   |  |  |  |  |  |  |  |
| Conoco Inc. 10 Desta Dr. Ste 100W, Midland, Tx. 79705-4500  |   |  |   |  |  |  |  |  |  |  |
| San Juan 28-7   | 226   | N-36-T28N-R7W  | Rio Arriba  |  |  |  |  |  |  |  |
| Consider the second property Code       16608       API NO.       30-039-20997       Specing Unit Lesse Types: (check 1 or more)         Federal       Image: Code in the second property Code in the second pro  |   |  |   |  |  |  |  |  |  |  |
| The following facts ate submitted in<br>support of downhole comminging:   | Upper<br>Zone   | intermediate<br>Zone   | Lower<br>Zone   |  |  |  |  |  |  |  |
| 1. Pool Name and<br>Pool Code   | Mesa Verde 72319  |  | Dakota 71599  |  |  |  |  |  |  |  |
| 2. TOP and Bottom of<br>Pay Section (Perforations)  | 4437' - 5202' OA  |  | 7053' - 7308'   |  |  |  |  |  |  |  |
| 3. Type of production<br>(Oil or Gas)   | Gas   |  | Gas   |  |  |  |  |  |  |  |
| 4. Method of Production<br>{Flowing or Artificial Lilt}   | Expected to be<br>Flowing   |  | Flowing   |  |  |  |  |  |  |  |
| 5. Bottomhole Pressure<br>Oil Zones - Artilicial Lift:  | a (Current)   | a.   | a.<br>736 psia  |  |  |  |  |  |  |  |
| Gas & Oil - Flowing:<br>Measured Current<br>All Gas Zones:  | 800 psia<br>b(Original)   | b.   | b.  |  |  |  |  |  |  |  |
| Estimated Or Measured Original  | 1192  |  | 2925  |  |  |  |  |  |  |  |
| 6. Oil Gravity (*API) or<br>Gas BT Content  | 1221  |  | 1157  |  |  |  |  |  |  |  |
| 7. Producing or Shut-In?  | To Be Completed   |  | Producing   |  |  |  |  |  |  |  |
| Production Marginal? (yes or no)  | Yes   |  | Yes   |  |  |  |  |  |  |  |
| <ul> <li>If Shut-in give date and oil/gas/<br/>water rates of isst production</li> <li>Note For new zones with no production history</li> </ul>   | Date<br>Rales   | Date<br>Raise:   | Date<br>Rales   |  |  |  |  |  |  |  |
| applicant shad be required to atlach production<br>estimates and supporting dera<br>• If Producing, date and oil/gas/<br>water rates of recent test<br>(within 60 days)   | Release<br>Release<br>Subtraction                                 | Dale<br>Raise  | Date Mid-Year avg.<br>Rates rates - see<br>table                |  |  |  |  |  |  |  |
| 8. Fixed Percentage Allocation<br>Formula -% or each zone   | •if: 6 as4  | •il: Gas %   | uit: <b>Gas</b>   |  |  |  |  |  |  |  |
| <ol> <li>If allocation formula is based u<br/>submit attachments with supp</li> </ol>   | upon something other than curr<br>orting data and/or explaining n | rent or past production, or is b<br>nethod and providing rate proj | ased upon some other method,<br>ections or other required data. |  |  |  |  |  |  |  |
| 10. Are all working, overriding, and royalty interests identical in all commingled zones?<br>If not, have all working, overriding, and royalty interests been notified by certified mail?<br>Have all offset operators been given written notice of the proposed downhole commingling?<br>• Conoco is offset operator to all San Juan 28-7 Unit wells.  |   |  |   |  |  |  |  |  |  |  |
| 11. Will cross-flow occur? <u>X</u> Yes <u>No If yes, are fluids compatible, will the formations not be damaged, will any cross-flowed production be recovered, and will the allocation formula be reliable. <u>X</u> Yes <u>No If No, attach explanation</u></u>   |   |  |   |  |  |  |  |  |  |  |
| 12. Are all produced fluids from all commingled zones compatible with each others <u>x</u> Yes <u>No</u>  |   |  |   |  |  |  |  |  |  |  |
| <ul> <li>13. Will the value of production be decreased by commingling? Yes x No (If Yes, attach explanation)</li> <li>14. If this well is on, or communitized with, state or federal lands, either the Commissioner of Public Lands or the</li> </ul>   |   |  |   |  |  |  |  |  |  |  |
| United States Bureau of Land Management has been notified in writing of this application. <u>X</u> Yes <u>No</u><br>15. NMOCD Reference Cases for Rule 303(D) Exceptions: ORDER NO(S).  |   |  |   |  |  |  |  |  |  |  |
| <ul> <li>16. ATTACHMENTS <ul> <li>C-102 for each zone to be commingled showing its spacing unit and acreage dedication.</li> <li>Production curve for each zone for at least one year. (If not available, attach explanation.)</li> <li>For zones with no production history, estimated production rates and supporting data.</li> <li>Data to support allocation method or formula.</li> <li>Notification list of all offset operators.</li> <li>Notification list of working, overriding and royalty interests for uncommon interest cases.</li> <li>Any additional statements, data, or documents required to support commingling.</li> </ul> </li> </ul>  |   |  |   |  |  |  |  |  |  |  |
| hereby certify that the information above is true and complete to the best of my knowledge and belief.  |   |  |   |  |  |  |  |  |  |  |
|   | 1Hoover_  | TITLE Sr. Conservation Coord                                       | d DATE <u>1/27/97</u>   |  |  |  |  |  |  |  |
| TYPE OR PRINT NAME_JERRY W. H   | loover  | TELEPHONE NO.  | (915) 686-6548  |  |  |  |  |  |  |  |



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NEW MEXICO OIL CONSERVATION COMMISSION

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. . . . . Form C-102 Supersedes C-128 'Ellociive 1-1-65

| El Paso Natural Cas Company San Juan 28-7 Unit (SF-079294) 226   | ·                                     |  | All distances         | must be from   | the outer    | boundaries of                         | the Section |  |            |  |
|--|---------------------------------------|--|-----------------------|--|--------------|---------------------------------------|-------------|--|------------|--|
| Juil Lotin       Section       Township       Ressor       County       Rio Arriba         Actual Foresta Locations & Weith       Ince and 1810       text from the WeSt       Ince         G135       Datota       Producting Potention       Datota       328.82       Accual Forestail Line         G135       Datota       Potential producting Potention       Poil       Basin Dakota       328.82       Accual Forestail         1. Outline the acreage didicated to the subject well by colored pencil of hachare marks on the plat below.       1. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).         3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, forece-pooling, etc?         [X] Yes       No       If asswer is "so?" is the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)         No allowable will be assigned to the well until all interests have been consolidated. (Use communitization, unitization, forece-pooling, or otherwise) or until a so-standard unit, eliminating such interests, has been approved by the Commission.         SP-079294       Sec       Sec       Sec         10L01       Sec       Sec       Sec       Sec         10L01       Sec       Sec       Sec       Sec   | Operator                              |  |                       | Le   | 380          |                                       |             | •  |            | Well No.   |
| Section       Townstr       Section       Townstr       Research       County       Rio Arriba         Actual Fourier Line       Section of Weilt       The assin Dakota       Intermediation of the section of Weilt       Intermediation of the section of Weilt       Intermediation of the section of Weilt         11100       test from the South       Intermediation of the section of the second the section of the second the section of t   | El Paso Na                            | tural Cas Cor  | many                  |  | San .        | Juan 28-7                             | Unit        | (SF-0792   | 294)       | 226  |
| Action Provide Lesion of Well:<br>1110 item (more the South) item eet 18/0 feet (com the West bine<br>60.35 Producting fromation Provide Action P   | Unit Letter                           |  |                       |  |              | •                                     | 1           |  |            |  |
| Action Provide Lesion of Well:<br>1110 item (more the South) item eet 18/0 feet (com the West bine<br>60.35 Producting fromation Provide Action P   | N                                     | 36   | 28N                   | •  | 7            | র .                                   | Rio         | Arriba   |            |  |
| Database         Provemp Formation<br>Datobas         Post<br>Basin Dakota         Dedicated<br>328.62         Dedicated<br>areas           1. Outline the arreage dedicated to the subject well by colored pencil or hackure marks on the plat below.         2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working<br>interest and royalty).           3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consoli-<br>dated by communitization, unitization, force-pooling, etc?         []           []         Yes         No         If answer is "yes," type of consolidation         Intrization           []         Yes         No         If answer is "no," lis the owners and tract descriptions which have actually been consolidated. (Use reverse side of<br>this form if accessery.)<br>No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization,<br>forced-pooling, or otherwise) or until a non-estandard unit, eliminating such interests, has been approved by the Commis-<br>sion         CERTIFICATION           If hereby certify that the information com-<br>taked herein to true and complete to the<br>key of or implete and the to man-<br>sion         If hereby certify that the merel herein a<br>take merel surger mode by merel<br>under my supervision, and the the semination<br>to the adje was plated from herein<br>atterest and surger adje by merel<br>under my supervision, and the the semination<br>to the earse of adje was plated from herein<br>atterest and surger adje by merel<br>under my supervision, and the the semination<br>to the earse of adje and bird.           108101         If adje by was plated  |                                       | the second s | 1                     |  |              |                                       |             |  |            |  |
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| 6135       Dakota       328.62         1. Outline the arrange dedicated to the subject well by colored pencil or hachure marks on the plat below.       2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).         3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?         IX Yes       No       If answer is "yes," type of consolidation       Imitization         If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if accessry).       No allowable will be assigned to the well uniti all interests have been consolidated (by communitization, unitization, force-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.         XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX  |                                       |  |                       | the second s |              | Iee                                   | t from the  | West   |            | the second s |
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| <ul> <li>2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royally).</li> <li>3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?  Yes No If answer is "no." list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary). No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. CERTIFICATION I hereby certify that the information centrated bards in the modermatice centrated bards in the modermatice centrated bards. SECONSECTION CONSECTION CONSECTION CONSECTION I hereby certify that the information centrated bards in the modermatice centrated bards. SECONSECTION CONSECTION CONSECTION I hereby certify that the information centrated bards. I hereby certify that the well facation. BIP Basic Natural Cas Co. TRUE 19294 I hereby certify that the well facation is town on the play angulation. I hereby certify that the well facation. I</li></ul>   | 6135                                  | Dakota   |                       | <u> </u>   | I            |                                       |             |  | 520        | Acres  |
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| this form if necessary.)   | 16                                    | to Hand Tink the   | owners and .          | ment decart-   | •••••••••••• | high have -                           | amall. 1    |  |            |  |
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| forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commis-<br>sion.  |                                       | •  |                       |  | ·····        | • •                                   |             |  | <u></u>    |  |
| Sion.<br>CERTIFICATION<br>I hereby certify that the information con-<br>tained herein is true and complete to the<br>best of m final deep and bellor.<br>Dirilling Clerk<br>Dirilling Clerk  |                                       |  |                       |  |              |                                       |             |  |            |  |
| Sion.<br>CERTIFICATION<br>I hereby certify that the information con-<br>tained herein is true and complete to the<br>best of m finoviedge and beller.<br>Diffilling Clerk<br>Position<br>BI Paso Natural Gas Co.<br>Cyuly 29, 1974<br>Dete<br>Spr-079294<br>Spr-079294<br>I hereby certify that the well facation<br>shown on this plot was plotted from field<br>notes of actual surveys made by me or<br>under my supervision, and that the same is<br>to survey and be best of my<br>knowledge and belief.<br>Date Surveyed<br>Varrch. 23, 1971<br>Positioner<br>Topinationer Profosabenet, frequency<br>March. 23, 1971<br>Positioner Profosabenet, frequency<br>March. 24, 1971<br>Positioner Part Positioner<br>Part Positioner Part Positioner<br>Positioner Part Positioner<br>P   | forced-poo                            | ling, or otherwise   | ) or until a noi      | n-standard u   | nit, elin    | minating suc                          | ch interes  | sts, has beer  | approv     | ved by the Commis-   |
| Second  |                                       | -  |                       |  |              | -                                     |             |  | ••         | •  |
| SEC 36<br>SF-079294<br>CERTIFICATION<br>I hereby certify that the information con-<br>trained herein is true and complete to the<br>best of m/ knowledge galdwiller.<br>Difilling Clerk<br>Position<br>El Paso Natural Gas Co.<br>Compy 29, 1974<br>Dete<br>I hereby certify that the well focation<br>shown on this plat was plotted from field<br>notes of actual surveys made by me or<br>under my supervision, and that the same<br>is true and correct to the best of my<br>knowledge and belief.<br>Date Surveyed<br>March 23, 1971<br>Finded Field Regiment<br>and or Lond Surveyer<br>Prod. Field Field Regiment<br>and or Lond Surveyer<br>True Field Field Regiment<br>Structure field Regiment<br>Structure field Regiment<br>Regiment field Regiment<br>Structure field Regiment<br>Regiment fi   |                                       | XXXXXXXXX  | XXXXXX                |  |              |                                       |             | - (  |            |  |
| I hereby certify that the information con-<br>tained herein is true and complete to the<br>best of an Knitheledge and kallet.<br>Drilling Clerk<br>Position<br>El Paso Natural Gas Co.<br>Sing 729, 1974<br>Date<br>Sinc 36<br>SF-079294<br>I hereby certify that the well location<br>shown on this plot was plotted from field<br>notes of actual surveys mode by me or<br>under my supervision, and that the same<br>is true and correct to the best of my<br>knowledge and belief.<br>Date Surveyed<br>I hereby certify that the same<br>is true and correct to the best of my<br>knowledge and belief.  |                                       | 1  | X                     |  | 1            |                                       |             | [ <sup>1</sup> ]   | CERT       | FICATION   |
| Image: Second  | XI · ·                                | 1  |                       |  | 1            |                                       |             |  | · · ·      |  |
| Image: Second  | Ň                                     | i  | Ň.                    |  | 1            |                                       |             |  |            |  |
| Sec       36         I hereby certify that the well location shown on this plot 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 knowledge and belief.         18101       Date         Parch 23, 1971         Post correct on the best of my knowledge and belief.         Three protocols surveys         Parch 23, 1971         Post correct on the best of my knowledge and belief.         Three protocols surveys  | Ki 🛛                                  | 1  | K)                    |  | · 1          |                                       |             |  | -          |  |
| SF-079294<br>Telling Clerk<br>Drilling Clerk<br>Position<br>El Paso Natural Gas Co.<br>Company 29, 1974<br>Date<br>SF-079294<br>Tel<br>Tellio1<br>Date Surveys mode by me or<br>under my supervision, and that the same<br>is true and correct to the best of my<br>knowledge and belief.<br>Date Surveysd<br>March 23, 1971<br>Restricted Protosteral Projects Frail Projects<br>Ted Bury String<br>Ted Surveysd<br>March 23, 1971<br>Restricted Projects Seral Projects<br>Ted Surveysd<br>Ted |                                       | ł  |                       | •  | 1            |                                       |             | toined h   | erein is t | rue and complete to the  |
| SEC       36         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 knowledge and belief.         Islipot         Origination         Interpretent proteins graft, proteins and any different miled is true and correct to the best of my knowledge and belief.         Islipot         Interpretent proteins graft, proteins graft   | KA                                    | <b>I</b>   |                       |  | Ĺ            |                                       |             | best of n  | ny knoyvie | dge god belief.  |
| SEC       36         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 knowledge and belief.         Islipot         Origination         Interpretent proteins graft, proteins and any different miled is true and correct to the best of my knowledge and belief.         Islipot         Interpretent proteins graft, proteins graft   | Ø                                     | 1  | N M                   |  | l.           |                                       |             | 1 9,1  |            |  |
| SEC       36         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 knowledge and belief.         IBLOT         OTHER         OTHER         IBLOT         INTER   | X                                     | 1  |                       |  | · I          |                                       |             | 1114   | ay         | mart   |
| Position         El Paso Natural Gas Co.         CJUBY 29, 1974         Date         SF-079294         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 knowledge and belief.         18401         Otto Surveyed         March 23, 1971:         Pred P., Katt Ut.         Cottilicate No.   | X                                     |  | X                     |  | 1            |                                       |             |  |            |  |
| Position         El Paso Natural Gas Co.         CJUBY 29, 1974         Date         SF-079294         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 knowledge and belief.         18401         Otto Surveyed         March 23, 1971:         Pred P., Katt Ut.         Cottilicate No.   | X                                     |  | ti                    |  | ·  ·         |                                       |             | Drillu   | ng Cle     | rk ()  |
| Sec       36         I hereby certify that the well location shown on this plat was platted 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 knowledge and belief.         18401         Of         Pred. P.S. 1971         Pred. P.S. 1971         Pred. P.S. 1021         Of The survey of the same is true and correct to the best of my knowledge and belief.         Date Surveyed         March 23, 1971         Pred. P.S. 1021         Pred. P.S. 1021         Contilicate No.   | K                                     | l  | KX.                   |  | 1            |                                       |             | [ ]  |            |  |
| Sec 36<br>SF-079294<br>SF-079294<br>I hereby certify that the well facation<br>shown on this plat was plotted from field<br>notes of actual surveys made by me or<br>under my supervision, and that the same<br>is true and correct to the best of my<br>knowledge and belief.<br>Date Surveyed<br>March 23, 1971<br>Figure 100 Surveyed<br>March 23, 1971<br>Sec 100 Surveyed<br>March 23, 1971<br>Figure 100 Surveyed<br>March 23, 1971<br>Sec 100 Surveyed<br>March 20, 100 Surveyed<br>Sec 100 Surveyed<br>March 20, 100 Surveyed<br>Sec 100 Surveyed<br>March 20, 100 Surveyed<br>Sec 100 Surveyed<br>Sec 100 Surveyed<br>March 20, 100 Surveyed<br>Sec 100 Surveyeed<br>Sec 100 Surveyeed  | Ø                                     |  |                       | •  | 1            | •                                     |             |  | io Nati    | ıral Gas Co.   |
| Sec     36       SF-079294     36       I hereby certify that the well location<br>shown on this plat was plotted from field<br>notes of actual surveys made by me or<br>under my supervision, and that the same<br>is true and correct to the best of my<br>knowledge and belief.       18401       Otto       Find       Provide   | Ø                                     |  | Ø                     | • •  |              |                                       |             |  |            |  |
| Sec     36       SF-079294     36       I hereby certify that the well location<br>shown on this plat was plotted from field<br>notes of actual surveys made by me or<br>under my supervision, and that the same<br>is true and correct to the best of my<br>knowledge and belief.       18401       Otto       Find       Provide   | M                                     | 1  | X                     |  |              |                                       |             |  | 9. 197     | 4  |
| SF-079294<br>I hereby certify that the well location<br>shown on this plat was plotted from field<br>notes of actual surveys made by me or<br>under my supervision, and that the same<br>is true and correct to the best of my<br>knowledge and belief.<br>Date Surveyed<br>March 23, 1971<br>Registered Proteinstenal Regiment<br>and/or Land Surveyed<br>Pred P. & Katr Jr.<br>Certificate No.   | X                                     | 1  | X                     |  |              |                                       |             | <u> </u>   |            | _  |
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| SF-079294<br>I hereby certify that the well location<br>shown on this plat was plotted from field<br>notes of actual surveys made by me or<br>under my supervision, and that the same<br>is true and correct to the best of my<br>knowledge and belief.<br>Date Surveyed<br>March 23, 1971<br>Registered Proteinstenal Regiment<br>and/or Land Surveyor:<br>Pred Ro Ketr Jr.<br>Cortilizate No.  | Ø                                     | 1  | K                     |  | · · ·        |                                       |             |  |            |  |
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| SF-079294<br>SF-079294<br>I hereby certify that the well location<br>shown on this plat was plotted from field<br>notes of actual surveys made by me or<br>under my supervision, and that the same<br>is true and correct to the best of my<br>knowledge and belief.<br>Date Surveyed<br>March 23, 1971<br>Registered Proteinstand, Regiment<br>and/or Land Surveyors<br>Tred P.o. Katr Jr.<br>Certificate No.   | 8                                     | <br>I  | [X]-                  | 36   |              |                                       |             | 11   |            |  |
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| Is true and correct to the best of my<br>knowledge and belief.<br>Date Surveyed<br>March 23, 1971<br>Registered Prolessonal, Fredineer<br>and/or Land Surveyor:<br>Fred P.o. Kohr Jr.<br>Cortilicate No.   | KI<br>KI                              |  | X                     |  | `. i         |                                       |             | notes of   | Factual :  | surveys made by me or  |
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