| PPL 1C       | ATTON FOR AUTHORIZATION TO INJECT  |  |  |  |  |  |  |
|--------------|--|--|--|--|--|--|--|
| I.           | Purpose: Discondury Recovery Pressure Maintenance Discoult Distorage Application qualifies for administrative approval? Tyes Inc   |  |  |  |  |  |  |
| II.          | Operator: Capital Oil & Gas Corporation  |  |  |  |  |  |  |
|              | Address: P.O. Box 2130 Kilgore, Texas 75662  |  |  |  |  |  |  |
|              | Contact party: Gary Blanks Phone: 214-983-2081   |  |  |  |  |  |  |
| 111.         | Well data: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.   |  |  |  |  |  |  |
| IV.          | Is this an expansion of an existing project? $\square$ ves $\square$ no If yes, give the Division order number authorizing the project R-4875 .  |  |  |  |  |  |  |
| ٧.           | Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review. On File  |  |  |  |  |  |  |
| VI.          | Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail. On File   |  |  |  |  |  |  |
| VII.         | Attach data on the proposed operation, including:  |  |  |  |  |  |  |
|              | <ol> <li>Proposed average and maximum daily rate and volume of fluids to be injected; 50 BPD 2. Whether the system is open or closed; Closed</li> <li>Proposed average and maximum injection pressure; 250 PSI</li> <li>Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and On File</li> <li>If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).</li> </ol> |  |  |  |  |  |  |
| TIII.        | Attach appropriate geological data on the injection zone including appropriate lithologic detail, geological name, thicknass, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such source known to be immediately underlying the injection interval. On File   |  |  |  |  |  |  |
| IX.          | Describe the proposed stimulation program, if any. 250 Gal Acid  |  |  |  |  |  |  |
| x.           | Attach appropriate logging and test data on the well. (If well logs have been filed with the Division they need not be resubmitted.) Electric Log Attached   |  |  |  |  |  |  |
| XI.          | Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well afforming location of wells and dates samples were taken.  |  |  |  |  |  |  |
| XII.         | Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of dealts or any other hydrologic connection between the disposal zone and any underground source of drinking water.   |  |  |  |  |  |  |
| an.          | Applicants must complete the "Proof of Notice" section on the reverse state of this form.  |  |  |  |  |  |  |
| XIV.         | Certification  |  |  |  |  |  |  |
|              | I hereby certify that the information submitted with this application is true and correct<br>to the best of my knowledge and belief.   |  |  |  |  |  |  |
|              | Name: Gary Blanks Title Vice President of Operations   |  |  |  |  |  |  |
|              | Signature: Baly Blanks Date: 6/3/82  |  |  |  |  |  |  |
| subm<br>of t | he information required under Sections VI, VIII, X, and XI above has been previously itted, it need not be duplicated and resubmitted. Please show the date and circumstance he earlier submittal. All information was filed with extension of waterflood  |  |  |  |  |  |  |
| on           | SFPRR # 79 submitted 5-15-82   |  |  |  |  |  |  |

D'ATRIBUTION: Original and one conv to Santa Fe with one conv to the appropriate Divisions

### III. WELL DATA

- The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include: All Attached
  - (1) Lease name; Well No.; location by Section, Township, and Range; and footage location within the section.
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  - A description of the tubing to be used including its size, lining material, and
  - (4) The name, model, and setting depth of the packer used or a description of any other

Division District offices have supplies of Well Data Sheets which may be used or which may be used as nodels for this ourpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

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Gallup-Hospah Miguel Creek Gallup
The injection interval and whether it is perforated or open-hole. (3)

- State if the well was drilled for injection or, if not, the original purpose of the well.
- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations. None
- (5) Give the depth to and name of the next higher and next lower oil or gas zone in the None in area

# XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement

- (1) The name, address, phone number, and contact party for the applicant; On File
- the intended purpose of the injection well; with the exact location of single wells or the section, township, and range location of multiple wells: On file
- the formation name and depth with expected maximum injection rates and pressures; and
- a notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within 15

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN

Surface owners or offset operators must file any objections or requests for hearing NOTICE: of administrative applications within 15 days from the date this application was

| RAIDR       |                          |                        |                       |                           | ailroad————<br>16N     |                     |
|-------------|--------------------------|------------------------|-----------------------|---------------------------|------------------------|---------------------|
| 59          | 1650<br>FOUTAGE LUCAT    | TUN                    | 90' FSL 21            |                           | 16N<br>TOUNSHIP        | RINGE               |
| L \0.       | FUI) 1412 COC41          |                        |                       |                           |                        |                     |
| Schen       | ntic                     |                        |                       | Tabula                    | r Data                 |                     |
| 1.4         | <del></del>              | 0 1/4 5-7              | e Surface Casing      |                           |                        |                     |
| 4           |                          | 2-1/4 no i             | e 12-1/4              | •                         | Cemented with          | 75                  |
| A Salamini  | 8                        |                        | *0C C                 |                           | determined by          |                     |
| \$          | <b>1</b> 2 8             | -5/8 CSG               | TOCSUPTACE            | 10.1.1                    |                        |                     |
| Ž.          | , and a                  | -370 034               | Hole size             | 12-1/4                    |                        |                     |
| 1           |                          | •                      | Intermediate C        |                           |                        |                     |
| - 11 1      |                          |                        |                       |                           |                        | ssx.                |
| - 111       | 4                        | -1/2 Csg               | TOC                   | feet                      | determined by          |                     |
| 111         | 111                      |                        | Hole size             |                           |                        |                     |
| V I         |                          | 78,                    | Long string           |                           |                        |                     |
| X           |                          |                        |                       | •                         | Comented wit           | h <u>85</u> •ו      |
| 当           | <b>←</b>                 | -3/8 Tub               | ingroc 378'           |                           | t determined by        | Caclulate           |
| 9           |                          | •                      |                       |                           |                        | •                   |
| Q I         | II A                     |                        | Total depth           |                           |                        |                     |
| 4≥          |                          | okr<br>501'            |                       |                           |                        |                     |
|             | 24                       | ooi<br>Oer             | Injection Int         |                           | 7001                   |                     |
| ä           |                          | 780- 783               | 780'<br>(perforated o | reet to _<br>r open-hale, | 783'<br>Indicate which | 7 Teet              |
|             |                          | 304'                   |                       |                           |                        |                     |
| Tubing size | •                        | 2-3/8 <b>li</b> r      | ed with <u>J-55</u>   |                           |                        | set in a            |
| _           |                          |                        |                       | (materi                   |                        |                     |
| Guiberso    | n Uni - 1 rand and model | <del>)</del>           |                       | packer at                 | 501.91                 |                     |
| (or descri  | be any other c           | asing-tub              | ing meml).            |                           | ·                      | •                   |
| Other Date  | •                        |                        |                       |                           |                        | PAR                 |
| 1. Name o   | f the injection          | n formati              | Gallup                | - Hospah                  |                        | W <sub>E</sub>      |
| 2. Name o   | f Field or Pod           | 1 (if app              | licable) Miguel       | Creek - Ga                | llup &                 | 5                   |
|             |                          |                        | r injection? 📉        |                           | 7 No _                 | 11 - 1533           |
| . If no,    | for what purp            | was t                  | he well original      | ly drilled?               | 0                      | IL CON DINA         |
|             | <b>\</b> *               |                        |                       |                           |                        | DIST. 3             |
| 4. Has th   | ne well ever be          | ien perfor             | ated in any other     | r zone(s)?                | List all such ;        | perforated interval |
| and gi      | ive plugging d           | etail (sac<br>No other | ks of cement of       | pridde bindi              | (8) USEQ)              |                     |
| <b></b>     | <del></del>              | no other               | perio.                | <del></del>               |                        |                     |
|             |                          | <del></del>            | •                     |                           |                        |                     |
| 5. Give     |                          | nd name of             |                       | end/or under              | lying oil or ga        | s zanes (paols) im  |
|             |                          | None in 1              | this area             |                           |                        |                     |
|             |                          |                        |                       |                           |                        |                     |

| APPLIC. | ATION FOR AUTHORIZATION TO INJECT   |  |  |  |  |  |  |
|---------|---|--|--|--|--|--|--|
| ı.      | Purpose: Secondary Recovery Pressure Maintenance Dissocial Storage Application qualifies for administrative approval? Secondary Storage   |  |  |  |  |  |  |
| 11.     | Operator:Capital Oil & Gas Corporation  |  |  |  |  |  |  |
|         | Address: P.O. Box 2130 Kilgore, Texas 75662   |  |  |  |  |  |  |
|         | Contact party: Gary Blanks Phone: 214-983-2081  |  |  |  |  |  |  |
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| IV.     | Is this an expansion of an existing project? $X$ ves $\square$ no If yes, give the Division order number authorizing the project R-4875 .   |  |  |  |  |  |  |
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| IX.     | Describe the proposed stimulation program, if any. 250 Gal Acid   |  |  |  |  |  |  |
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| III.    | Applicants must complete the "Proof of Notice" section on the reverse side of this formal   |  |  |  |  |  |  |
| XIV.    | Certification 2007 10033  |  |  |  |  |  |  |
|         | I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.   |  |  |  |  |  |  |
|         | Name: Gary Blanks Title Vice President of Operations  |  |  |  |  |  |  |
|         | Signature: Baly Planks Date: 6/3/82   |  |  |  |  |  |  |
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| on S    | SFPRR # 79 submitted 5-15-82  |  |  |  |  |  |  |

DISTRIBUTION: Original and one copy to Santa Fe with one cany to the appropriate Brokerse

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  - Perfs 780-783' State if the well was drilled for injection or, if not, the original purpose of the well. (3)
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| Capital Oil & Ga  | as Corporati                        | Santa Fe              | Pacfic Railroad                          |                          |
|---|-------------------------------------|-----------------------|--|--------------------------|
| 59  | 1650' FWL & 99                      | 90' FSL 21<br>SECTION | 16N                                      | 6W                       |
| L VO. FOOTAGE   | LOCATION                            | SECTION               | FOUNSHIP                                 | RINGE                    |
|   |                                     |                       | Fabrilian Duba                           |                          |
| Schenitic   |                                     |                       | <u> Fabular Data</u>                     |                          |
| §                 ←                                       | - 12-1/4 hold                       | Surface Casing        |  | 75                       |
|   |                                     |                       |  | with <u>75</u> sx.       |
|   | 9 5 /8 CSG                          |                       |  | d by <u>Visual</u>       |
| <b>A</b>  | _ 8-3/8 634                         | Hole size             | 2-1/4                                    | -                        |
|   | 7-7/8"                              | Intermediate Casi     | <u>na</u>                                |                          |
|   | <b>-</b>                            | Size                  | Cemented                                 | withsx.                  |
|   | - 4-1/2 Csg                         | TOC                   | feet determine                           | d by                     |
| 11 11 13  |                                     | Hole size             | •  |                          |
| U     U←  | <b>-</b> 378,*                      |                       |  |                          |
|   |                                     | Long string           |  |                          |
|   | - 2 2/0 Tubi                        | Size <u>4-1/2</u>     | Cemented                                 | with <u>85</u>           |
|   | - 2-3/0 lubi                        | 119 <b>toc</b> 378'   | feet determine                           | d by <u>Caclulate</u>    |
| A   |                                     | Hole size             | -7/8                                     |                          |
|   | pkr                                 | Total depth           | 304'                                     | <del></del>              |
|   | 501'                                | Injection Interv      | •1                                       |                          |
|   | _ per                               | •                     |  | feet                     |
|   | 780- 783                            | (perforated or o      | feet to 783'<br>pen-hale, indicate w     | hich)                    |
|   | <b>——</b> 804'                      |                       |  |                          |
| ibing size  | 2-3/8 line                          | d with J-55           |  | set in e                 |
|   | <del></del>                         |                       | (meterial)                               |                          |
| Guiberson Uni -<br>(brand and )                           | eodel)                              | p=                    | cker at                                  | 7405                     |
| er describe any other                                     | her casing-tubi                     | ng seel).             |  | •                        |
| ther Date   |                                     |                       |  |                          |
|   |                                     | Gallup -              |  |                          |
| . Name of Field o   | r Pool (if appl                     | icable) Miguel Cr     | eek - Gallup                             |                          |
|   |                                     | injection? []         |  |                          |
| 16 as for what  |                                     | a wall opinionly      | frilled?                                 |                          |
| , , , , , , , , , , , , , , , , , , ,                     | . patpose was th                    | • •••• otiginally     |  |                          |
| 44.   |                                     | <b>A.A.A.</b>         |  |                          |
| <ul> <li>was the well even<br/>and give pluggi</li> </ul> | er been perfora<br>ing detail (sack | s of cement or bri    | one(s)? List sll·su<br>dge plug(s) used) | ich perforated intervals |
|   |                                     |                       |  |                          |
|   |                                     | •                     |  |                          |
|   |                                     |                       |  | r gas zanes (paols) in   |
| this eres.  | None in th                          | is area               |  |                          |
|   |                                     |                       |  |                          |

-

## BTATE LAND OFFICE BLICDING BANTA FE NEW MEXCUS POUR

| APPLIC | ATION FOR AUTHORIZATION TO INJECT   |  |  |  |  |  |  |
|--------|---|--|--|--|--|--|--|
| ı.     | Purpose: ☐ Secondary Recovery ☐ Pressure Maintenance ☐ Disposit ☐ Storage Application qualifies for administrative approval? ☐ yes ☐ no   |  |  |  |  |  |  |
| 11.    | Operator: Capital Oil & Gas Corporation   |  |  |  |  |  |  |
|        | Address: P.O. Box 2130 Kilgore, Texas 75662   |  |  |  |  |  |  |
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| XIII.  | Applicants must complete the "Proof of Notice" section on the revere tipe of this form.   |  |  |  |  |  |  |
| XIV.   | Certification DIST. 3   |  |  |  |  |  |  |
|        | I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.   |  |  |  |  |  |  |
|        | Name: Gary Blanks Title Vice President of Operations  |  |  |  |  |  |  |
| •      | Signature: Bary Blanks Date: 6/3/82   |  |  |  |  |  |  |
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| V1 11  | (IdUflU): Uriginal and one copy to Santa fe with one copy to the appropriate Division   |  |  |  |  |  |  |

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  - Gallup-Hospah Miguel Creek Gallup
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  - Give the depth to and name of the next higher and next lower oil or gas zone in the area of the well, if any. None in area

# XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement

- (1) The name, address, phone number, and contact party for the applicant; On File
- the intended purpose of the injection well; with the exact location of single wells or the section, township, and range location of multiple wells: On file
- the formation name and depth with expected maximum injection rates and pressures; and
- a notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within 15

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was

| 59 16                               | Corporati Santa Fe  550' FWL & 990' FSL 21 | · 16N                               |                                       |
|-------------------------------------|--|-------------------------------------|---------------------------------------|
| NO. FOOTAGE LO                      | DEATTON SECTION                            | TOUNSHIP                            | RINGE                                 |
| Cabanasia                           |  | Tabular Dita                        |                                       |
| Schenitic                           | so Surface Casing                          |                                     |                                       |
|                                     | 12-1/4 hole Surface Casing                 | * Cemented wi                       | th 75 sx.                             |
| A Company                           | TOC Sunface                                | feet determined b                   |                                       |
| \$       2                          | 8-5/8 CSG Hole size 12                     | 1 //                                | , <u></u>                             |
| 2                                   |  |                                     |                                       |
|                                     | 7-7/8" Intermediate Casin                  |                                     |                                       |
| 11 11 11                            | Size                                       |                                     |                                       |
|                                     | 4-1/2 Csg roc                              | feet determined t                   | · · · · · · · · · · · · · · · · · · · |
| - 11 11 11.                         | Hole size                                  |                                     |                                       |
|                                     | 378 <sup>*</sup> <u>Long string</u>        |                                     |                                       |
|                                     | Size 4-1/2                                 | • Cemented w                        | ith <u>85</u> **.                     |
|                                     | 2-3/8 Tubingroc 378'                       | feet determined                     | Caclulate                             |
| 3     3                             |  | -7/8                                |                                       |
| 9 11 9                              | Total death S                              |                                     |                                       |
|                                     | pKr<br>501                                 | <del></del>                         |                                       |
|                                     | Injection Interve                          |                                     | Cash                                  |
|                                     | 780- 783 (perforated or or                 | reet to 783' pen-hole, Indicate whi | ch)                                   |
|                                     | _ 804'                                     |                                     |                                       |
| bing size                           | 2-3/8 lined with J-55                      |                                     | set in a                              |
| <del></del>                         |  | (material)                          |                                       |
| Guiberson Uni - 1<br>(brand and mod | del) pe                                    |                                     |                                       |
| r describe any other                | r casing-tubing seal).                     |                                     | •                                     |
| her Date                            |  |                                     |                                       |
|                                     | tion formation Gallup - H                  |                                     |                                       |
| Name of Field or (                  | Pool (if applicable) Miguel Cre            | ek - Gallup                         |                                       |
| Is this a new wel                   | i drilled for injection? 📝 Y               | les No                              | 111                                   |
| .If no, for what p                  | urpose was the well originally d           | Srilled?                            | OIL C. SIV                            |
| . Has the well ever                 | been perforated in any other zo            | one(s)? List all such               | perforated interval                   |
| and give plugging                   | detail (sacks of cement or brid            | ige plug(s) used)                   |                                       |
|                                     |  |                                     |                                       |
| <del></del>                         | •  |                                     |                                       |

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