| I.     | Purpose: Secondary Recovery Pressu Application qualifies for administrative  | ure Maintenance   Disposit   Storage   approval?   Tyes   Tab  |  |  |  |  |  |  |
|--------|--|--|--|--|--|--|--|--|
| II.    | Operator: Capital Oil & Gas Corporat   |  |  |  |  |  |  |  |
|        | Address: P.O. Box 2130 Kilgore, Texas 75662  |  |  |  |  |  |  |  |
|        | Contact party: Gary Blanks   |  |  |  |  |  |  |  |
| 111.   |  | he reverse side of this form for each well<br>anal sheets may be attached if necessary.  |  |  |  |  |  |  |
| IV.    | Is this an expansion of an existing project?<br>If yes, give the Division order number autho   |  |  |  |  |  |  |  |
| ٧.     | Attach a map that identifies all wells and linjection well with a one-half mile radius cwell. This circle identifies the well's are  | circle drawn around each proposed injection  |  |  |  |  |  |  |
| • VI.  | On File Attach a tabulation of data on all wells of penetrate the proposed injection zone. Such well's type, construction, date drilled, loc a schematic of any plugged well illustrating On File  | n data shall include a description of each cation, depth, record of completion, and  |  |  |  |  |  |  |
| VII.   | Attach data on the proposed operation, inclu   | uding:   |  |  |  |  |  |  |
|        | <ol> <li>Whether the system is open or closed</li> <li>Proposed average and maximum injecti</li> <li>Sources and an appropriate analysis         <ul> <li>the receiving formation if other t</li> </ul> </li> <li>If injection is for disposal purpose         at or within one mile of the propo</li> </ol> | ion pressure; 250 PSI of injection fluid and compatibility with than reinjected produced water; and On Fil es into a zone not productive of oil or gas osed well, attach a chemical analysis of (may be measured or inferred from existing |  |  |  |  |  |  |
| *VIII. | Attach appropriate geological data on the in detail, geological name, thickness, and dept bottom of all underground sources of drinkin total dissolved solids concentrations of 10, injection zone as well as any such source kninjection interval.  On File   | th. Give the geologic name, and depth to<br>ng water (aquifers containing waters with<br>,000 mg/l or less) overlying the proposed   |  |  |  |  |  |  |
| IX.    | Describe the proposed stimulation program, i   | -  |  |  |  |  |  |  |
| * X.   | Attach appropriate logging and test data on with the Division they need not be resubmitt   | the well. (If well logs have been filed ted.)  |  |  |  |  |  |  |
| * XI.  | Electric Log Attached Attach a chemical analysis of fresh water fr available and producing) within one mile of location of wells and dates samples were tak On File  | any injection or dispublifield showing wi  |  |  |  |  |  |  |
| XII.   | Applicants for disposal wells must make an a examined available geologic and engineering or any other hydrologic connection between t source of drinking water.  | the disposal zone and a punderground   |  |  |  |  |  |  |
| XIII.  | Applicants must complete the "Proof of Notic   | DIST.~S ce" section on the reverse side of this fo   |  |  |  |  |  |  |
| XIV.   | Certification  |  |  |  |  |  |  |  |
|        | I hereby certify that the information submit<br>to the best of my knowledge and belief.  | tted with this application is true and cor   |  |  |  |  |  |  |
|        | Name: Gary Blanks  | Title <u>Vice President of Operation</u>   |  |  |  |  |  |  |
|        | Signature: Duy Blanch  | Date: 6/3/82   |  |  |  |  |  |  |

on SFPRR # 79 submitted 5-15-82.

#### III. WELL DATA

- A. 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:
  - (1) Lease name; Well No.; location by Section, Township, and Range; and footage
  - (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
  - (3) A description of the tubing to be used including its size, lining material, and setting depth.
  - (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

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

- B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.
  - (1) The name of the injection formation and, if applicable, the field or pool name.
  - (2) Gallup Hospah Miguel Creek Hospah The injection interval and whether it is perforated or open-hole.
  - Perforations: 823-828'
    (3) State if the well was drilled for injection or, if not, the original purpose of the well.
  - Injection

    (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.
  - (5) 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 must include:

- (1) The name, address, phone number, and contact party for the applicant;
  On File
- (2) 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
  (3) the formation name and depth with expected maximum injection rates and pressures; and
- (4) 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 days.

  On File

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

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

| Capital            | Oil & Gas Co  | orporation  | Sante Fe                                 | Pacfic Railro                             | ad  |                     |
|--------------------|---------------|---|--|---|---|---------------------|
|                    |               |   | JEASE 2                                  | 1   | 16N   | 6W                  |
| L <b>\0.</b>       | FORTAGE LO    | & 10' FWL   | SECTIO                                   | <b>V</b>                                  | FOUNSHIP  | RINGE               |
| Sche               | hitic         |   |  | Fabula                                    | - Data  |                     |
| S. Withmenton      |               |   | Size 8-5/8  TOC Surface  Hole Size       | <br>                                      | Cemented wi   | Visual .            |
|                    | 11 17         | 7-7/8 hole<br>4-1/2 csg                           |  | . •                                       |   | ithsx.              |
|                    |               | TOC<br>396'<br>2-3/8"<br>Tubing                   | Long string  Size 4-1/2  TOC 396'        | Feet                                      | Cemented w  | ith 85 sx.          |
|                    |               | 4-1/2 pker<br>519'<br>perf<br>823-828'<br>-TD 839 | Total depth Injection in                 | 7-7/8  839' terval  feet ta or open-hole, |   | feet                |
| bing si            | <u></u>       | 2-3/8 line  | d with J-55                              |   |   | set in a            |
| Guibers            | son Uni - 1   |   |  | _ packer at _                             | -   | feet                |
| r descr<br>her Dat | -             | casing-tubin                                      | ng seal).                                |   | <b>5</b> 77.0<br>1.0<br>1.0<br>1.0<br>1.0<br>1.0<br>1.0<br>1.0<br>1.0<br>1.0<br>1 | •,                  |
| Neme               | of Field or F | ool (if appli                                     | Gallup<br>icable) Miguel<br>injection? & | Creek - Gal                               | lup   |                     |
|                    | , for what pu | irpose was the                                    | well original                            | lly drilled?                              |   |                     |
| • Has t            | he well ever  | been perfora                                      | ted in any other of cement of cement of  | er zane(s)? L<br>bridge plug(s            | ist mil much ) used)  | perforated interval |
| . Give             | the depth to  | and make of<br>None in th                         |  | end/or underly                            |   | es zanes (paals) in |

| PPLTCA       | TION FOR AUTHORIZATION TO INJECT   |   |
|--------------|--|---|
| 1.           | Purpose: Secondary Recovery Pressu<br>Application qualifies for administrative   | re Maintenance   Disposit   Storage<br>approval?   yes   no   |
| 11.          | Operator: Capital Oil & Gas Corpora  | ion   |
|              | Address: P.O. Box 2130 Kilgore, Te   | exas 75662  |
|              | Contact party: <u>Gary Blanks</u>  | Phone: 214-983-2081   |
| 111.         | Well data: Complete the data required on the proposed for injection. Addition  | e reverse side of this form for each well nal sheets may be attached if necessary.  |
| IV.          | Is this an expansion of an existing project?<br>If yes, give the Division order number author  | $X$ yes $\bigcap$ no rizing the project $R-4875$  |
| ٧.           | Attach a map that identifies all wells and linjection well with a one-half mile radius owell. This circle identifies the well's are  | ircle drawn around each proposed injection  |
| VI.          | <pre>penetrate the proposed injection zone. Such well's type, construction, date drilled, loc a schematic of any plugged well illustrating</pre>   | ation, depth, record of completion, and all plugging detail.  |
| VII.         | On File<br>Attach data on the proposed operation, inclu  | ding: 50  |
|              | <ol> <li>Whether the system is open or closed</li> <li>Proposed average and maximum injecti</li> <li>Sources and an appropriate analysis         <ul> <li>the receiving formation if other t</li> </ul> </li> <li>If injection is for disposal purpose         at or within one mile of the propose</li> </ol> | on pressure; 250 PSI of injection fluid and compatibility with han reinjected produced water; and On File s into a zone not productive of oil or gas sed well, attach a chemical analysis of (may be measured or inferred from existing |
| /111.        | Attach appropriate geological data on the indetail, geological name, thickness, and dept bottom of all underground sources of drinking total dissolved solids concentrations of 10, injection zone as well as any such source kninjection interval.  On File   | g water (aquifers containing waters with 000 mg/l or less) overlying the proposed own to be immediately underlying the  |
| IX.          | Describe the proposed stimulation program, i   | fany.   |
| х.           | Attach appropriate logging and test data on with the Division Attached not be resubmitted.   | the well. (If wellings have been filed  |
| XI.          | Electric Log Attached Attach a chemical analysis of fresh water fravailable and producing) within one mile of location of wells and dates samples were taken.  |   |
| XII.         | Applicants for disposal wells must make an a examined available geologic and engineering or any other hydrologic connection between source of drinking water.  | data and find no evidence of open faults  |
| XIII.        | Applicants must complete the "Proof of Notic   | e" section on the reverse side of this form.  |
| XIV.         | Certification  |   |
|              | I hereby certify that the information submit<br>to the best of my knowledge and belief.  | ted with this application is true and correct   |
|              | Name: Gary Blanks  | Title Vice President of Operations  |
|              | Signature: Dau Brush   | Date: 6/3/82  |
| subm<br>of t | he information required under Sections VI, VI litted, it need not be duplicated and resubmit he earlier submittal.  SFPRR # 79 submitted 5-15-82.  | I, X, and XI above has been previously ed. Please show the date and circumstance on was filed with extension of waterflood  |

DISTRIBUTION. Createst and one convite Santa Fe with one case to the comment of Distribution

### 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:
  - (1) Lease name; Well No.; location by Section, Township, and Range; and footage All attached location within the section.
  - (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
  - 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 models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

- The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.
  - The name of the injection formation and, if applicable, the field or pool name.
  - Gallup Hospah Miguel Creek Hospah'
    The injection interval and whether it is perforated or open-hole. (2)
  - Perforations: 823-828' state if the well was drilled for injection or, if not, the original purpose of the well. (3)
  - Injection Give the depths of any other perforated intervals and detail on the sacks of cement or
- Give the depth to and name of the next higher and next lower oil or gas zone in the (5) 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

- The name, address, phone number, and contact party for the applicant; (1)
- the intended purpose of the injection well; with the exact location of single (2) wells or the section, township, and range location of multiple wells:
- On File he formation name and depth with expected maximum injection rates and pressures; and (3)
- a notation that interested parties must file objections or requests for hearing with (4) the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within 15 On File 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 JTICE: of administrative applications within 15 days from the date this application was

| Schedule   Scotion   Sco | apital Oil &   | Gas Corporation                            | Sante Fe F   | Pacfic Railro | oad                                      |  |
|--|--|--|--|---------------|--|--|
| Schenitic   Tabular Data   |  | I ESI & 10' FWI                            | †  |               | 16N                                      | 6W   |
| 12-1/4" hole   Surface   Casing   Size   8-5/8   Cemented with   75   Toc   Surface   Feet determined by   Visual  | 3 1980<br>1980                                       | TAGE LUCATION                              | SECTION  | 1             | TUNNSH [P                                | RINGE  |
| 12-1/4" hole   Surface   Casing   Size   8-5/8   Cemented with   75  |  |  |  |               |  |  |
| 12-1/4" hole   Surface   Casing   Size   8-5/8   Feet determined by   Visual   | Schenitic  |  |  | Tabula        | r Data                                   |  |
| Size 8-5/8 surface Feet determined by Visual  8-5/8 Csg Hole size 12-1/4"  83'  Intermediate Casing Size Cemented with   | 1.4  | 12-1/4" ho                                 | e Surface Casino   | 1             |  |  |
| 7-7/8 hole  7-7/8 hole  Size  Cemented with  4-1/2 csg  TOC  Joe feet determined by  Hole size  2-3/8"  Tubing  Toc Jag6'  Hole size  7-7/8  Total depth  839'  4-1/2 pker  519'  perf  823 feet to 238 (4JSPF)  823-828'  (perforated or open-hole, indicate which)  TO 839  bing size  2-3/8 lined with J-55  Guiberson Uni - 1  (brend and model)  It describe any other casing-tubing seel).  ther Oats  Name of field or fool (if applicable) Miguel Creek - Gallup  If no, for what purpose was the well originally drilled?  Name of size of casent or bridge plug(s) used)  No other perf.   |  |  | Size 8-5/8   |               |  |  |
| 7-7/8 hole    Toc  |  |  | toc Surface  | feet          | determined t                             | Visual .   |
| 7-7/8 hole  7-7/8 hole  Size  Cemented with  4-1/2 csg  TOC  Joe feet determined by  Hole size  2-3/8"  Tubing  No and size  4-1/2 pker fing  1 injection interval  perf  823 feet to 238 (4JSPF)  823-828'  (perforated or open-hole, indicate which)  TO 839  Long string  Feet determined by Calculated  Hole size  7-7/8  Total depth  823  Feet to 238 (4JSPF)  (perforated or open-hole, indicate which)  TO 839  Long size  2-3/8 lined with J-55  Guiberson Uni - 1  (brand and model)  To describe any other casing-tubing seel).  There Osta  Name of field or Fool (if applicable) Miguel Creek - Gallup  If no, for what purpose was the well originally drilled?  Name of give plugging detail (sacks of casent or bridge plug(s) used)  No other perf.   | 2  | 8-5/8 Csg                                  | Hole size  | 12-1/4"       |  |  |
| A-1/2 csg   ToC   feet determined by   Hole size   | ~  |  | Intermediate   | Casing        |  |  |
| Hole size    TOC   396'   Size 4-1/2   Cemented with 85   extended   Size 4-1/2   Feet determined by   Calculated  |  | 7-//8 hole                                 | Size 8-5/8   Cemented with 75   Stroct    TOC   Surface   Feet determined by   Visual    Hole size   12-1/4"      Intermediate Casing     Size   Cemented with   Size   Cemented with     Hole size   Cemented with   Size   Size   Cemented with   Size   Size   Cemented with   Size   Size   Cemented with   Size   Cemented with   Size   Cemented w |               |  |  |
| Hole size    TOC   396'   Size   4-1/2   Comented with   85   sx   4-1/2     Tubing   ToC   396'   Feet determined by   Calculated     Hole size   7-7/8     Total depth   839'     4-1/2 pker   519'   Injection Interval   perf   823   Feet to   238 (4JSPF)   Feet     823-828'   (perforated or open-hole, indicate which)     TO 839     Ding size   2-3/8   lined with   J-55   set in a     Guiberson Uni - 1   packer at   519.82   Feet     If describe any other cesing-tubing seel).   Sher Oata     Name of the injection formation   Gallup - Hospah   Interval     Name of Field or Fool (if applicable)   Miguel Creek - Gallup     If this a new well drilled for injection?   Teek   The OIL CON OIN.     If no, for what purpose was the well originally drilled?   DiST.   30     No other perf.   |  | 4-1/2 csg                                  | TOC  | feat          | determined                               | by   |
| 396'  Size 4-1/2  Total depth 339'  4-1/2 pker  519'  Foot depth 839'  10  |  |  | •  | •             |  |  |
| Tubing  ToC 396' Feet determined by Calculated  Hole size 7-7/8  Total depth 839'  4-1/2 pker  519' Injection Interval perf 823 feet to 238 (4JSPF) feet  823-828' (perforated or open-hole, indicate which)  TD 839  bing size 2-3/8 lined with J-55 set in a  Guiberson Uni - 1 packer at 519.82 feet  (brend and model)  r describe any other casing-tubing seel).  there Data  Name of the injection formation Gallup - Hospah  Name of Field or Pool (if applicable) Miguel Creek - Gallup  Is this a new well drilled for injection?   |  |  | Long string  |               |  |  |
| S19'   |  |  |  | •             | Comented w                               | ith 85   |
| Sight   Sigh |  | 4  |  |               |  |  |
| Signature   Sign |  | lubing                                     | . —  |               |  | •  |
| Sight   Sigh | 9  |  | Total depth  | 839'          |  |  |
| perf 823 feet to 238 (4JSPF) 823-828'  (perforated or open-hole, indicate which)  TD 839  bing size 2-3/8 lined with J-55  Guiberson Uni - 1  (brand and model)  r describe any other casing-tubing seel).  her Data  Name of the injection formation Gallup - Hospah  Name of Field or Pool (if applicable) Miguel Creek - Gallup  Is this a new well drilled for injection? The OIL COR DIV.  If no, for what purpose was the well originally drilled?  No other perf.  No other perf.   |  | 4-1/2 pker<br>519'                         |  | terval        |  |  |
| bing size 2-3/8 lined with J-55  Guiberson Uni - 1  (brand and model)  It describe any other casing-tubing seel).  Sther Data  Name of the injection formation Gallup - Hospah  Name of Field or Pool (if applicable) Miguel Creek - Gallup  Is this a new well drilled for injection? Wes Me OIL COIL DIST. S  Has the well ever been perforated in any other zone(s)? List all such perforated interval and give plugging detail (sacks of cement or bridge plug(s) used)  No other perf.  | N I  | perf                                       | •  |               | 238 (4JSPF)                              | feet   |
| Guiberson Uni - 1  Guiberson Uni - 1  (brand and model)  preserved and model)  ther Data  Name of the injection formation Gallup - Hospah  Name of Field or Fool (if applicable) Miguel Creek - Gallup  Is this a new well drilled for injection? The OIL COIL DIST. S  Has the well ever been perforated in any other zone(s)? List all such perforated intervalent give plugging detail (sacks of cement or bridge plug(s) used)  No other perf.   |  | (1   | (perforated  | or open-hole, | indicate whi                             | ich)   |
| Guiberson Uni - 1  (brand and model)  or describe any other casing-tubing seal).  ther Data  Name of the injection formation Gallup - Hospah  Name of field or Pool (if applicable) Miguel Creek - Gallup  Is this a new well drilled for injection? W Yes Me OIL COIL DIV.  If no, for what purpose was the well originally drilled?  Name of the injection formation Gallup - Hospah  No other perforated in any other zone(s)? List all such perforated intervalent give plugging datail (sacks of cament or bridge plug(s) used)  No other perf.   |  | •  | 1 55   |               |  |  |
| (brand and model)  r describe any other casing-tubing seel).  her Data  Name of the injection formation Gallup - Hospah  Name of Field or Pool (if applicable) Miguel Creek - Gallup  Is this a new well drilled for injection?  |  |  | ied with U-55  | (materia      | 1)                                       | set in a   |
| Name of the injection formation Gallup - Hospah  |  |  |  | _ packer at _ | 519.82                                   | feet   |
| Name of the injection formation Gallup - Hospah  | •              |  | ing seal).   |               | ٠  |  |
| Name of Field or Pool (if applicable) Miguel Creek - Gallup  Is this a new well drilled for injection?   If no, for what purpose was the well originally drilled?  DIST. 5  Has the well ever been perforated in any other zone(s)? List all such perforated interval and give plugging detail (sacks of cement or bridge plug(s) used)  No other perf.  | ther Data  |  |  |               | 80 · · · · · · · · · · · · · · · · · · · | The second secon |
| Name of Field or Pool (if applicable) Miguel Creek - Gallup  Is this a new well drilled for injection?   If no, for what purpose was the well originally drilled?  OIL CORDIV.  DIST. 3  Has the well ever been perforated in any other zone(s)? List all such perforated interval and give plugging detail (sacks of cement or bridge plug(s) used)  No other perf.   | . Name of the  | injection formation                        | Gallup   | - Hospah      |  |  |
| If no, for what purpose was the well originally drilled?  V  Has the well ever been perforated in any other zone(s)? List all such perforated intervalent give plugging detail (sacks of cement or bridge plug(s) used)  No other perf.  | Name of Fig  | eld or Pool (if app                        | licable) <u>Miguel</u>   | Creek - Gal   | lup                                      |  |
| If no, for what purpose was the well originally drilled?  V  Has the well ever been perforated in any other zone(s)? List all such perforated intervalent give plugging detail (sacks of cement or bridge plug(s) used)  No other perf.  | . Is this s  | new well drilled fo                        | r injection? 🛭   | 7 Yes         | 7 No (                                   | OIL CON DIV.   |
| . Has the well ever been perforated in any other zone(s)? List all such perforated intervalent give plugging detail (sacks of cement or bridge plug(s) used)  No other perf.   | -  | what purpose was t                         | he well original   | lly drilled?  |  | DIST. S  |
| end give plugging detail (sacks of cement or bridge plug(s) used)  No other perf.  |  |  |  |               |  |  |
|  | <ul> <li>Has the well</li> <li>and give p</li> </ul> | II ever been perfor<br>lugging detail (sac | ated in any other<br>ks of cement or   | bridge plug(  | e) used)                                 | perforated interva   |
|  |  | No other                                   | perf.  |               |  |  |
| <del></del>  |  |  |  |               |  |  |
| <ul> <li>Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in<br/>this area.</li> <li>None in this area</li> </ul>  | this eree.   | HUIR III C                                 | iii 3 ui cu  | <del></del>   |  |  |

| ·       | •  | •   | \  | BANTA FE NEW MEACU   | ) e/5u1   | ) -                                     |  |  |               |
|---------|--|---|--|--|---|---|--|--|---------------|
| APPLTCA | ATION FOR AU                                     | THORIZATION   | )<br>TO INJECT   |  |   | •                                       |  |  |               |
| ī.      | Purpose:<br>Applica                              | Secondar<br>tion qualifi  | y Recovery<br>es for admir   | Pressure   | Haintenance<br>proval?  | o<br>yes                                | iranıl<br>İna                                    | Storage                                  | <b>;</b>      |
| II.     | Operator:  | Capita  | al Oil & Ga  | s Corporatio   | n   | · · · · · · · · · · · · · · · · · · ·   |  |  |               |
|         | Address:   | P.0.  | 3ox 2130 K   | ilgore, Texa   | s 75662   | <del> </del>                            |  |  | ·····         |
|         | Contact pa                                       | rty: <u>Gary</u>  | Blanks   | · · · · · · · · · · · · · · · · · · ·  | Phor  | 1e:                                     | 214-983-   | 2081                                     |               |
| III.    | Well data:                                       | Complete t<br>proposed f  | he data requ<br>or injection   | ired on the p  | reverse side<br>l sheets may  | of thi                                  | s form fo  | r each well<br>necessary.                |               |
| IV.     | Is this an<br>If yes, gi                         | expansion ove the Divis   | f an existir<br>ion order nu   | ng project?<br>umber authoriz  | X yes   | □no<br>Ject _                           | R-4875   |  | <u></u> .     |
| ٧.      | injection<br>well. Thi                           | well with a<br>s circle ide   | one-half mil   | vells and leas<br>le radius circ<br>well's area c  | ele drawn ard   |   |  |  | ın            |
| VI.     | penetrate<br>well's typ<br>a schemati            | abulation of<br>the proposed<br>e, construct<br>c of any plu                              | injection a<br>ion, date di  | l wells of put<br>cone. Such da<br>cilled, locati<br>llustrating al  | ata shall ind<br>ion, depth, i  | clude a<br>record                       | descript   | ion of each                              | hich          |
| VII.    | On File<br>Attach dat                            | a on the pro  | posed operal   | ion, includir  | ng:   |   |  |  | 50            |
|         | 2. Wh<br>3. Pr<br>4. So<br>5. If                 | ether the sy oposed avera urces and an the receivin injection i at or within the disposal | stem is oper<br>ge and maxim<br>appropriate<br>g formation<br>s for dispos<br>one mile of<br>zone formal | num daily rate<br>n or closed;<br>num injection<br>e analysis of<br>if other than<br>sal purposes in<br>the proposed<br>tion water (ma<br>arby wells, et | Closed pressure; 2 injection finger reinjected into a zone red well, attack ay be measure | 250 PSI<br>luid an<br>produc<br>not pro | d compati<br>ed water;<br>ductive o<br>emical an | bility with<br>and On Fi<br>of oil or ga | le<br>le      |
| VIII.   | detail, ge<br>bottom of<br>total diss            | ological nam<br>all undergro<br>olved solids<br>zone as well<br>interval.                 | e, thickness<br>und sources<br>concentrati   | on the injects, and depth. of drinking word ons of 10,000 and the source known   | Give the ge<br>rater (aquife<br>mg/l or les   | ealogic<br>ers can<br>ss) ave           | name, an<br>taining w<br>rlying th               | d depth to<br>aters with<br>e proposed   | agic          |
| IX.     | Describe t                                       | he proposed   |  | program, if a  | •   |   |  |  |               |
| х.      | Flootri  | ic log Attac  | had  | st data on the<br>resubmitted.   | • /   |   |  |  |               |
| XI.     | Attach a c<br>available<br>location o<br>On File | hemical anal<br>and producin<br>f wells and   | ysis of free<br>g) within or<br>dates sample   | sh water from<br>ne mile of any<br>es were taken.  | y injection o   | or disp                                 | osal w <b>e</b> ll                               | showing '                                | ; . <b>.2</b> |
| XII.    | Applicants examined a or any oth                 | for disposa<br>vailable geo   | c connection   | t make an affi<br>ngineering dat<br>n between the  | ca and rind r   | no evia                                 | ence or o  | arangy.                                  |               |
| XIII.   | Applicants                                       | must comple   | te the "Prod   | of of Natice"  | section on t  | the rev                                 | erse side  | DIST. 3                                  | rm.           |
| XIV.    | Certificat                                       | ion   |  |  |   |   |  |  |               |
|         | to the bcs                                       | ertify that<br>t of my know<br>Gary Blank   | ledge and be   | tion submitted   |   | •                                       |  |  |               |
|         | Name:  | adily bidiik  | · /  |  | litle V   | ice rr                                  | C2 I AGUI  | of Operati                               | 0112          |

6/3/82 Signature: Date: \* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be duplicated and resubmitted. Please show the date and circumstance

of the earlier submittal. All information was filed with extension of waterflood

on SFPRR # 79 submitted 5-15-82.

## 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:
  - (1) Lease name; Well No.; location by Section, Township, and Range; and footage All attached location within the section.
  - (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
  - 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 seal system or assembly used.

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

- The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.
  - The name of the injection formation and, if applicable, the field or pool name.
  - Gallup Hospah Miguel Creek Hospah
    The injection interval and whether it is perforated or open-hole. (2)
  - Perforations: 823-828' State if the well was drilled for injection or, if not, the original purpose of the well. (3)
  - Injection Give the depths of any other perforated intervals and detail on the sacks of cement or None
  - (5) 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 must include:

- The name, address, phone number, and contact party for the applicant; (1)On File
- the intended purpose of the injection well; with the exact location of single (2) 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 (3)
- a notation that interested parties must file objections or requests for hearing with the Dil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within 15 On File 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 of administrative applications within 15 days from the date this application was mailed to them.

| p:tal_                     | Oil & Gas C                    | orporation                      | Sante Fe Pa                            | icfic Railre                            |              |                      | ·  |
|----------------------------|--------------------------------|---------------------------------|--|---|--------------|----------------------|--|
|                            |                                |                                 | 21                                     |   | 16N          | 6W                   |  |
| 0.                         | FOOTAGE L                      | & 10' FWL                       | SECTION                                |   | FOUNSHEP     | RANGE                |  |
| Sche                       | hitic                          |                                 |  | fabula                                  | e Diita      |                      |  |
| 411                        | 1111/←                         | 12-1/4" hol                     | e Surface Casing                       |   |              | 7.5                  |  |
|                            |                                |                                 | Size 8-5/8                             |   |              |                      |  |
| i,tr                       |                                | 0. 5 /0. 6==                    | roc Surface                            |   | determined   | by Trada             | <u>'                                      </u> |
| T. Williams                |                                | 8-5/8 Csg<br>83'                | Hole size                              | 12-1/4                                  |              |                      |  |
|                            |                                | 7-7/8 hole                      | Intermediate C                         | asing                                   |              |                      |  |
| - { }                      |                                | 7-7/8 11016                     | Size                                   |   |              |                      |  |
| - []                       |                                | 4-1/2 csg                       | TOC                                    | feet                                    | t determined | by                   | <del></del>                                    |
|                            | 11 11                          |                                 | Hole size                              | •                                       |              |                      |  |
| ¥                          | ←                              | TOC<br>396'                     | Long string                            |   |              |                      |  |
| Constitution of the second |                                |                                 | Size 4-1/2                             |   | Cemented     | with 85              | s×.  |
|                            | <del> </del>                   | 2-3/8"                          | toc <u>396'</u>                        |   |              |                      |  |
| 7                          |                                | Tubing                          | Hole size                              |   |              |                      | •  |
| 9                          | 11 9                           |                                 | Total depth                            | -                                       |              |                      |  |
| 3                          | <b>⊠</b> ⊠                     | 4-1/2 pker                      |  |   |              |                      |  |
| 4                          |                                | 519'<br>perf                    | Injection Into                         |   | 220 /41005   | ) feat               |  |
| 4                          |                                | 823-828'                        | 823<br>(perforated or                  | reet ta<br>r apen-hale,                 | Indicate wh  | nich)                |  |
|                            | <b>─</b>                       | _TD 839                         |  |   |              | •                    |  |
| ing si                     | ze                             | 2-3/8 lin                       | ed with J-55                           |   |              | · · ·                | set in a                                       |
| Guibers                    | son Uni - 1                    |                                 |  | (meteria                                |              |                      | feet   |
| (                          | pteug and mo                   |                                 |  | , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |              |                      | • **,**  |
|                            | ·                              | r casing-tubi                   | ng seal).                              |   |              |                      | •  |
| her Dat                    | -                              |                                 | 0.33                                   | 11 <b>.</b>                             |              |                      |  |
|                            | •                              |                                 | Gallup                                 |   |              |                      |  |
|                            |                                |                                 | Miguel                                 |   | _            | <del></del>          |  |
|                            |                                |                                 | rinjection? 🐼                          |   |              | $C_{\mathbb{R}_{+}}$ | (1)  |
| . LF na                    | , for what p                   | urpose was ti                   | ne well original!                      | ly deliled?                             |              |                      | D 13.1   |
|                            | <u>-</u>                       |                                 |  |   |              |                      |  |
| Has to<br>and q            | ine well ever<br>give plugging | r been perfor:<br>  detail (sac | sted in any ather<br>ks of cement or l | r zone(s)7<br>Oridge plug(              | a) neeq)     | n perrorate          | a Tucstage                                     |
|                            |                                | No other p                      | erf.                                   |   |              | <del></del>          | <del></del>                                    |
|                            | •                              |                                 |  | <u> </u>                                |              |                      |  |
|                            |                                |                                 |  |   |              |                      |  |
| Give                       | the depth to                   | end name of                     | any averlying a                        | nd/or underl                            | ying ail or  | gas zones (          | pools) in                                      |

-