| SISTERIOR STORY  | <del>-</del>   .  |   | Form C-103<br>Supersedes Old                         |
|--|---|---|--|
| SANTA FE .   | NEW MEXICO OF COM   |   | C-102 and C-103                                      |
| FILE   | NEW MEXICO UIL CONS   | SERVATION COMMISSION                                      | Effective 1-1-65                                     |
|  | -   |   | Eq. Indiana Tura (I                                  |
| U.S.G.S.   | 4   |   | State X Fee  |
| LAND OFFICE  | 4   |   |  |
| OPERATOR   |   |   | 5. State Oil & Gas Lease No.<br>LG 3219              |
| SUNDS<br>(DO NOT USE THIS FORM FOR PR<br>USE "APPLICA" | RY NOTICES AND REPORTS ON OPOSALS TO DRILL OR TO DEEPEN OR PLUG I | WELLS<br>BACK TO A DIFFERENT RESERVOIR.<br>TH PROPOSALS.) |  |
| OIL X GAS WELL   | OTHER-  |   | 7. Unit Agreement Name                               |
| 2. Name of Operator                                    |   |   | 8. Farm or Lease Name                                |
| Southern Union Explor                                  | ation Company   |   | Susco State  |
| 3. Address of Operator                                 |   |   | 9. Well No.  |
| Suite 1800, First Int                                  | ernational Bldg., Dallas  | s, Texas 75270  | 2  |
| 1  | 1980 FEET FROM THE South  | 1 1980 FEET FROM  | 10. Field and Pool, or Wildcat Flying "M" San Andres |
|  | on 19 township 9-S  | 33-F  |  |
| THELINE, SECTI   |   |   |  |
|  | 15. Elevation (Show whether G.L. 4374.5                           | DF, RT, GR, etc.)   | 12. County Lea                                       |
| 16. Charles  |   | Daniel B. O.I.  |  |
|  | Appropriate box to indicate A                                     | Nature of Notice, Report or Oth SUBSEQUENT                | REPORT OF:   |
| PERFORM REMEDIAL WORK                                  | PLUG AND ABANDON  | REMEDIAL WORK   | ALTERING CASING                                      |
| TEMPORARILY ABANDON                                    |   | COMMENCE DRILLING OPNS.                                   | PLUG AND ABANCONMENT                                 |
| PULL OR ALTER CASING                                   | CHANGE PLANS  | CASING TEST AND CEMENT JOB                                |  |
| OTHER  |   | OTHER   |  |
|  |   |   |  |
| work) SEE RULE 1103.                                   | perations (Clearly state all pertinent det                        | ails, and give pertinent dates, including                 | estimated date of starting any proposed              |
| 10/26/78 - Moved                                       | in workover unit and pul  | led rods, pump and tubin                                  | ·g•  |
| 10/28/78 - Reacid                                      | ized old perfs with 3000  | gallons.  |  |
| 10/31/78 - Perfor                                      | ated lower section from   | 4390' to 98' and 4406' t                                  | o 16'. (ISPF)  |
| 11/1/78 - Acidiz                                       | ed using 3000 gallons.  |   |  |
| 11/5/78 - Hung w                                       | rell back to pump.  |   |  |
|  |   |   |  |
|  |   |   |  |
|  |   |   |  |
|  |   |   |  |
|  |   |   |  |
|  |   |   |  |
| 18. I hereby certify that the information              | above is true and complete to the best                            | of my knowledge and belief.                               |  |
|  | VI7   | 444   | ,,             |
| SIGNED SAHOLU  | TITLE Dri   | 11ing & Production Engin                                  | eer, November 9, 1978                                |
| Orig   | Signed Lat  |   | NOV 13 1118  |
|  | Sexton Title  |   | DATE   |
|  | - 0   |   |  |

Orig. Signed Land Jerry Sexton Conditions of Approval, in Table 1, Supr.

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| U.S.G.S.          |          |   |  |  |
| LAND OFFICE       |          |   |  |  |
| IRANSPORTER       | OIL      |   |  |  |
| THARST ON ER      | GAS      |   |  |  |
| OPERATOR          |          |   |  |  |

# NEW MEXICO OIL CONSERVATION COMMISSION

|            | SANTA FE   | REQUEST  | FOR ALLOWABLE  | Supersedes Old C-104 and C-11             |
|------------|--|--|--|---|
|            | FILE U.S.G.S.  |  | AND  | Effective 1-1-65                          |
|            | LAND OFFICE  | AUTHORIZATION TO TR.   | ANSPORT OIL AND NATURAL G  | AS  |
|            | TRANSPORTER OIL  | 1  |  |   |
|            | GAS  |  |  |   |
| _          | OPERATOR PROPATION OFFICE  | 4  |  |   |
| I.         | Operator Operator  |  |  |   |
|            | Southern Union Explorat  | ion Company  |  | •   |
|            | Address  | -1 n11. n.11 m   | 75270  |   |
|            | 1800 First International Reason(s) for filing (Check proper box) |  | 3 75270 Other (Please explain)   |   |
|            | New Well   | Change in Transporter of:  | Giner (1 tease explain)  |   |
|            | Recompletion   | O11 Dry G  | ias 🔲  |   |
|            | Change in Ownership  | Casinghead Gas X Conde   | ensate   | J   |
|            | If change of ownership give name                                 |  |  |   |
|            | and address of previous owner                                    |  |  |   |
| II.        | DESCRIPTION OF WELL AND  | LEASE Well No.   Pool Name, Including I                              | Formation Kind of Lease  | Lease No.                                 |
|            | SUSCO - State  | 2 Flying "M" S   | }  |   |
|            | Location   |  |  | 123 3223                                  |
|            | Unit Letter J ; 19   | 980 Feet From The South Li   | Ine and 1980 Feet From T   | he East                                   |
|            | Line of Section 19 Tow   | waship 9-S Bange   | 33-Е , ммрм,   | Lea County                                |
|            | Line of Section 19 Tow   | wnship 9-5 Range   | 33-Е , МАРМ,   | Lea County                                |
| III.       | DESIGNATION OF TRANSPORT   | TER OF OIL AND NATURAL G   | AS   |   |
|            | Name of Authorized Transporter of Oil Mahil Oil Componentian     | has classes to the   | P. O. Box 900, Dallas,   |   |
|            | Mobil Oil Corporation Name of Authorized Transporter of Cas      | SDRWING SS.  | Address (Give address to which approv  |   |
|            | Warren Petroleum Compan  | ıy   | P. O. Box 1589, Tulsa,   | Oklahoma 74102                            |
|            | If well produces oil or liquids,                                 | Unit Sec. Twp. P.ge. P 19 9-S 33-I                                   | Is gas actually connected? Whe Yes   | 11/4/77                                   |
|            | give location of tanks.  | <del>1</del>   |  |   |
| tV.        | If this production is commingled with COMPLETION DATA            | th that from any other lease or pool                                 | , give commingling order number:   |   |
|            | Designate Type of Completion                                     | Oil Well Gas Well  | New Well Workover Deepen   | Plug Back   Same Res'v. Diff. Res'v.      |
|            | Date Spudded   | Date Compl. Ready to Prod.   | Total Depth  | P.B.T.D.                                  |
|            | Date spudded   | Bate Compilitional to From   | 70.0.200   |   |
|            | Elevations (DF, RKB, RT, GR, etc.)                               | Name of Producing Formation  | Top Oil/Gas Pay  | Tubing Depth                              |
|            |  |  |  | Depth Casing Shoe                         |
|            | Perforations   |  |  |   |
|            |  | TUEING, CASING, AN   | D CEMENTING RECORD   |   |
|            | HOLE SIZE  | CASING & TUBING SIZE   | DEPTH SET  | SACKS CEMENT                              |
|            |  |  |  |   |
|            |  |  |  |   |
|            |  |  |  | <u> </u>                                  |
| V.         | TEST DATA AND REQUEST FO   | OR ALLOWABLE (Test must be able for this c                           | after recovery of total volume of load oil (<br>lepth or be for full 24 hours) | and must be equal to or exceed top allow- |
|            | Date First New Oil Run To Tanks                                  | Date of Test   | Producing Method (Flow, pump, gas lif  | t, etc.)                                  |
|            |  |  | Casing Pressure  | Choke Size                                |
|            | Length of Test   | Tubing Pressure  | Cdsing Pressure  | 0.1020                                    |
|            | Actual Prod. During Test   | Cil-Bbis.  | Water - Bbls.  | Gas-MCF                                   |
|            |  |  |  |   |
|            | CAC WELV   |  |  |   |
|            | GAS WELL Actual Prod. Test-MCF/D                                 | Length of Test   | Bbls. Condensate/MMCF  | Gravity of Condensate                     |
|            |  |  |  |   |
|            | Testing Method (pitot, back pr.)                                 | Tubing Pressure (Shut-in)  | Casing Pressure (Shut-in)  | Choke Size                                |
| <b>T/T</b> | CERTIFICATE OF COMPLIANCE  | L  | OIL CONSERVA   | TION COMMISSION                           |
| VI.        | CERTIFICATE OF COMPLIANCE  | DE.  | 11 1 1 S   | 19  |
|            | I hereby certify that the rules and r                            | regulations of the Oil Conservation                                  | 1  |   |
|            | Commission have been complied wabove is true and complete to the | vith and that the information given best of my knowledge and belief. | BY Using Signed by Jerry Sexten  |   |
|            |  |  | TITLE Dist 1. Supv.  |   |
|            |  | 1  |  | compliance with RULE 1104.                |
|            | June 1 B. E  | //e  | and the second for allow   | table for a newly drilled or deepened     |
|            | (Signa   | ature)   | well, this form must be accompa  | dance with RULE 111.                      |
|            | Chief Petrol   | leum Engineer  | All sections of this form mu   | at be filled out completely for allow-    |

All sections of this form must be lifted out completely for allowable on new and recompleted wells.

Fill out only Sections I, II. III, and VI for changes of owner, well name or number, or transporter, or other such change of condition. Fill out only Sections 1, 11, 12, 11, 12, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

| t<br>Millianskaransen – <sub>mark</sub> dense omreket indentigen (s. 11. sammen indentigen (s. 11. sammen indentigen) |     |  |  |  |  |  |
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| LAND OFFICE   |     |  |  |  |  |  |
| TRANSPORTER   | OIL |  |  |  |  |  |
| TAANS ON ER   | GAS |  |  |  |  |  |
| OPERATOR  |     |  |  |  |  |  |
| PRORATION OFFICE  |     |  |  |  |  |  |
| 0   |     |  |  |  |  |  |

|              | SANTA FE  FILE  U.S.G.S.  LAND OFFICE  TRANSPORTER  GAS  OPERATOR | REQUEST   | ONSERVATION COMMISSION<br>FOR ALLOWABLE<br>AND<br>INSPORT OIL AND NATURAL | Form C-104 Supersedes Old C-104 and C-110 Effective 1-1-65 GAS   |
|--------------|---|---|---|--|
| <b>1</b> . į | Operation Office  Courthorn Union Eurolea                         | totion Company  |   |  |
|              | Southern Union Explor   | cation Company  |   |  |
|              | Suite 1800, First Int   | ernational Bldg., Dalla   | Other (Please explain)  |  |
|              | New Well  | Change in Transporter of:   | Omer (Livase explain)   |  |
|              | Recompletion Change in Ownership                                  | OII Dry Ga Castinghead Gas Conden                                       | ondinge dorpe   | orate Name   |
|              | If change of ownership give name and address of previous owner    | Southern Union Supply C   | ompany  |  |
| 11.          | DESCRIPTION OF WELL AND   | LEASE   |   |  |
|              | Lease Name<br>SUSCO - State                                       | Well No. Pool Name, Including Fo  | 1   | eral or Fee State LG-3219  |
|              | Location J 19   | 80 Feet From The South Lin  | e and 1980 Feet Fro   | <sub>m The</sub> East  |
|              | 19  | wnship 9-S Range  | 33-E , <sub>NMPM</sub> ,  | Lea County   |
| Ш.           | DESIGNATION OF TRANSPOR   | TER OF OIL AND NATURAL GA   | s   |  |
|              | Name of Authorized Transporter of Oli<br>Mobil Oil Corporation    |   | P. O. Box 900, Dall   | proved copy of this form is to be sent)  |
|              | Name of Authorized Transporter of Ca                              |   |   | proved copy of this form is to be sent)  |
|              | Cities Service  | Unit Sec. Twp. Rge.   | Is gas actually connected?  | When   |
|              | If well produces oil or liquids, give location of tanks.          | P 19 9-S 33-E   | Yes   | 11/4/77  |
|              | If this production is commingled wi COMPLETION DATA               | th that from any other lease or pool,                                   |   | 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   |
|              | Designate Type of Completi  | on - (X) Gas Well   | New Well Workover Deepen  | Plug Back   Same Restv.   Diff. Restv.   |
|              | Date Spudged  | Date Compl. Ready to Prod.  | Total Depth   | P.B.T.D.   |
|              | Elevations (DF, RKB, RT, GR, etc.,                                | Name of Producing Formation   | Top OL/Gas Pay  | Tubing Depth   |
|              | Perforations  |   |   | Depth Casing Shoe  |
|              |   | TUEING, CASING, AND   | CEMENTING RECORD  |  |
|              | HOLE SIZE   | CASING & TUBING SIZE  | DEPTH SET   | SACKS CEMENT   |
|              |   |   |   |  |
|              |   |   | 1   |  |
| v.           |   | OR ALLOWABLE (Test must be a able for this de                           | fier recovery of total volume of load of pih or be for full 24 hours)     | oil and must be equal to or exceed top allow-  |
| į            | OIL WEIL  Date First New Cil Run To Tanks                         | Date of Test  | Producing Method (Flow, pump, gas   | : lift, etc.)  |
|              | Length of Test  | Tubing Pressure   | Casing Pressure   | Choke Size   |
|              | Actual Prod. During Test  | Oil-Bbls.   | Water - Bbls.   | Gas-MCF  |
|              |   |   |   |  |
|              | GAS WELL. Actual Prod. Test-MCF/D                                 | Length of Test  | Bbis. Condensate/MMCF   | Gravity of Condensate  |
|              | Testing Method (pitot, back pr.)                                  | Tubing Pressure (Shut-in)   | Casing Pressure (Shut-in)   | Choke Size   |
| W.           | CERTIFICATE OF COMPLIAN   | CE.   | OIL CONSER'   | VATION COMMISSION  |
|              |   |   | APPROVED  | , 19   |
|              | Committee a hove been complied                                    | regulations of the Oil Conservation with and that the information given |   | rig. Signed by   |
|              | above is true and complete to the                                 | e best of my knowledge and belief.                                      | BY  | Piet 1. Sage.  |
| 1            |   | 01  | TITLE   | in compliance with RULE 1104.  |
|              | Am 12. El   | Vli:  |   | lowable for a newly drilled or deepened spanied by a tabulation of the deviation   |
| /            | , ,   | oleum Engineer  | tests taken on the well in ac   | COrdance With RULE 111.  |
| (            | (Ti   | tle)  | able on new and recompleted   | must be filled out completely for allow-<br>wells.   |
|              | Menle 3, 10   | 47 8<br>ate)  | well name or number, or transp  | , II, III, and VI for changes of owner, porter, or other such change of condition, nust be filed for each pool in multiply |

completed wells.

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1.31 8 1275

OIL CONSUMVATION COMM, BOBKS, N. M.

|                   |     | <u></u>       |  |
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| LAND OFFICE       |     |               |  |
| IRANSPORTER       | OIL |               |  |
|                   | GAS |               |  |
| OPERATOR          |     | [             |  |
|                   |     | $\overline{}$ |  |

# NEW MEXICO OIL CONSERVATION COMMISSION REQUEST FOR ALLOWABLE

Form C-104 Supersedes Old C-104 and C-110

|       | FILE                                       |             | ļ          |          |                 |            |                 | AND         | )                |                   | Effective 1-                                  | 1-65                |
|-------|--|-------------|------------|----------|-----------------|------------|-----------------|-------------|------------------|-------------------|---|---------------------|
|       | U.S.G.S.                                   |             | <u> </u>   |          | AUT             | HORIZA     | T OT NOITA      | RANSPO      | RT OIL AN        | D NATURAL         | GAS   |                     |
|       | LAND OFFICE                                | τ           | ↓          | <u> </u> |                 |            |                 |             |                  |                   |   |                     |
|       | TRANSPORTER                                | OIL         | <u> </u>   |          |                 |            |                 |             |                  |                   |   |                     |
|       |  | GAS         | · ·        |          |                 |            |                 |             |                  |                   |   |                     |
|       | OPERATOR                                   | <del></del> | ļ          |          |                 |            |                 |             |                  |                   |   |                     |
| 1.    | PRORATION OF F                             | FICE        | <u> </u>   |          |                 | ·          |                 |             |                  |                   |   |                     |
|       | Southern U                                 | Union       | Sup        | p1y      | Compan          | y          |                 |             |                  |                   |   |                     |
|       | Address<br>1800 First                      | t Inte      | erns       | atio     | nal R1d         | σ          | Dallas,         | Toyac       | 75270            | <del></del>       |   |                     |
|       | Reason(s) for filing                       |             |            |          |                 | 5.,        | Dairas,         | Texas       |                  | ase explain)      |   |                     |
|       | New Well                                   |             | ,, <b></b> | 002)     |                 | in Trans   | porter of:      |             | Omer (1 te       | use explain)      |   |                     |
|       | Recompletion                               | Ħ           |            |          | OII             |            | · —             | Gas [       | 7                |                   |   |                     |
|       | Change in Ownership                        | ī.          |            |          |                 | head Gas   | · ·             | densate     | ╡                |                   |   |                     |
|       |  |             |            |          |                 |            |                 |             | <del>-</del> 1   |                   |   |                     |
|       | If change of owners<br>and address of prev |             |            |          |                 |            |                 |             |                  |                   |   |                     |
| II.   | <b>DESCRIPTION 0</b>                       | F WEL       | LA         | ND I     | EASE            |            |                 |             |                  |                   |   |                     |
|       | Lease Name<br>SUSCO - St                   | ato         |            |          | Well N          |            | Name, Including |             |                  | Kind of Leas      | _   | Lease No.           |
|       |  | .ace        |            |          |                 |            | Tyling M        | Jan A       | uar es           | State, Federa     | olor Fee State                                | LG-3219             |
|       | Location                                   | τ .         |            | 108      | Λ               |            | South           |             | 1000             |                   | Foot  |                     |
|       | Unit Letter                                | J<br>       | · ;        | 120      | Feet F          | rom The    | South           | _ine and    | 1,700            | Feet From         | The East                                      | <del> </del>        |
|       | Line of Section                            | 19          |            | Tow      | nship           | 9-S        | Range           | 33-E        | , NM             | РМ,               | Lea   | County              |
|       |  |             |            |          |                 |            |                 |             |                  |                   |   |                     |
| III.  | Name of Authorized                         |             |            |          |                 | Condens    |                 |             | ss (Give addre   | s to which appro  | ved copy of this form i                       | s to he sent)       |
|       | Mobil Oil C                                |             |            |          | <u> </u>        | Condens    |                 |             |                  |                   | s, Texas 7522                                 | · ·                 |
|       | Name of Authorized                         |             |            |          | inghead Gas     | (Z) or     | Dry Gas         |             |                  |                   | ved copy of this form is                      |                     |
|       | Cities Serv                                |             | .,         | . 010    | qaa Gab         | 7          | 21, 045         |             |                  | o vo witten appro | oca copy of since form in                     | , 10 00 00,         |
|       |  |             |            | - 1      | Unit S          | iec.       | Twp. P.ge.      | is ags      | actually conne   | ected? Wh         | en .  |                     |
|       | If well produces oil give location of tank |             | s,         | . 1      | P 1             | 19         | 9-s   33-       |             | Yes              | 1                 | 11/4/77                                       |                     |
|       |  |             |            |          |                 |            |                 |             |                  |                   | 11/4///                                       |                     |
| ıv    | If this production is COMPLETION DA        |             | ngle       | d with   | n that from     | any othe   | r lease or poo  | ol, give co | mmingling or     | der number:       |   | <del> </del>        |
| 2 V . |  |             |            |          | (35)            | Oil Well   | Gas Well        | New W       | ell Workove      | er Deepen         | Plug Back   Same R                            | es'v. Diff. Res'v.  |
|       | Designate Typ                              | pe of C     | ompl       | letio    | n = (X)         | 1          | į               | į           | •                | !                 |   |                     |
|       | Date Spudded                               |             |            |          | Date Compl      | . Ready to | o Prod.         | Total       | Depth            |                   | P.B.T.D.                                      |                     |
|       |  |             |            |          |                 |            |                 |             |                  |                   |   |                     |
|       | Elevations (DF, RKE                        | B, RT, G    | R, et      | c.;      | Name of Pro     | oducing F  | ormation        | Top O       | il/Gas Pay       |                   | Tubing Depth                                  |                     |
|       |  |             |            |          |                 |            |                 |             |                  |                   | 5 1 5   |                     |
|       | Perforations                               |             |            |          |                 |            |                 |             |                  |                   | Depth Casing Shoe                             |                     |
|       |  |             |            |          |                 | THEIN      | G, CASING, A    | ND CENE     | NTING PEC        | OPD .             | 1   |                     |
|       | HOLE                                       | SIZE        |            |          | CASI            |            | BING SIZE       | IND CEME    | DEPTH            |                   | SACKS CE                                      | EMENT               |
|       | 11022                                      | 3120        |            | +        |                 | 10 0 10    | 51110 0122      |             |                  |                   |   |                     |
|       |  |             |            |          |                 |            |                 |             |                  |                   |   |                     |
|       |  |             |            |          |                 |            |                 |             |                  |                   |   |                     |
|       |  |             |            | i        |                 |            |                 |             |                  |                   |   |                     |
| V.    | TEST DATA ANI                              | D REQU      | UEST       | r Fo     | R ALLOW         | ABLE       | (Test must be   | after reco  | very of total v  | olume of load oil | and must be equal to o                        | r exceed top allow- |
|       | OIL WELL                                   |             |            |          |                 |            | able for this   | depth or b  | e for full 24 ho | urs)              |   |                     |
|       | Date First New Oil F                       | Run To T    | anks       |          | Date of Tea     | it         |                 | Produc      | cing Method (F   | low, pump, gas li | ft, etc.)                                     |                     |
|       |  |             |            |          | Tubing Pres     |            | <del> </del>    | Contra      | Pressure         |                   | Choke Size                                    |                     |
|       | Length of Test                             |             |            | 1        | I doing Pres    | and.       |                 | Cusino      | 1 Liespme        |                   | 0020 0.00                                     |                     |
|       | Actual Prod. During                        | Test        |            |          | Oil-Bbis.       |            |                 | Water -     | Bbls.            |                   | Gas-MCF                                       |                     |
|       | Actual Floar Dailing                       |             |            | 1        |                 |            |                 |             |                  |                   |   |                     |
|       |  |             |            | 1        |                 |            |                 |             |                  |                   |   |                     |
|       | GAS WELL                                   |             |            |          |                 |            |                 |             |                  |                   |   |                     |
|       | Actual Prod. Test-N                        | MCF/D       | -          |          | Length of T     | 'est       |                 | Bbis.       | Condensate/Mi    | <i>I</i> CF       | Gravity of Condensa                           | te                  |
|       |  |             |            |          |                 |            |                 |             |                  |                   |   |                     |
|       | Testing Method (pito                       | ot, back p  | pr.)       |          | Tubing Pres     | seure (Sh  | ut-in }         | Casing      | Pressure (Sh     | ut-in )           | Choke Size                                    |                     |
|       |  |             |            |          |                 |            |                 | _           |                  |                   | <u> </u>                                      |                     |
| VI.   | CERTIFICATE O                              | F COM       | PLI        | ANC      | E               |            |                 |             | Oir              | CONSERVA          | TION COMMISSI                                 | NC                  |
|       |  |             |            |          |                 |            |                 | 1 ,         | BOVED #          |                   | TION COMMISSION                               | 19                  |
|       | I hereby certify that Commission have be   | t the ru    | les a      | nd re    | gulations o     | of the Oil | l Conservatio   | ח ו מרר     | HOVED            |                   | · · · · · · ·                                 | ,                   |
|       | above is true and                          | complet     | e to       | the      | best of my      | knowle     | dge and belief  | : II nv     |                  |                   |   |                     |
|       |  |             |            |          |                 |            |                 |             | -                |                   | ·.  | = -                 |
|       |  |             |            |          | a .*            |            |                 |             |                  |                   |   |                     |
| ť     |  | ستنتؤ       | 7          | _        | 11:             |            |                 |             | This form is     | to be filed in    | compliance with RUI                           | E 1104.             |
| ١.    | Jimes                                      | <u>//</u>   | · .        |          | 2 m             |            |                 | 11          | this form m      | ust he accomps    | vable for a newly dri<br>nied by a tabulation | Of the designou     |
|       |  |             |            |          | we)<br>eum Eng: | ineor      |                 | testi       | s taken on th    | e well in accor   | dance with RULE 1                             | 11.                 |
|       |  | urer        | 160        | (Title   |                 | THEFT      |                 | -           | All sections     | of this form mu   | at be filled out comp                         | letely for allow-   |
|       |  | Doo         | emh        | •        | , 1977          |            | •               |             |                  | recompleted we    | I, III, and VI for ch                         | anges of owner.     |
|       |  | Dec         | ن س        |          | ,, <u>+///</u>  |            |                 | Ш           | LIII Off our     | sections i, ii    | I AAC, MING TE AUT CIT                        |                     |

(Date)

Fill out only Sections I. II. III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

OIL CO. ST. HOBBS, N. M. CCMM.

| NO. OF COPIES RECEIVED  | <del></del>  |   |   |  |  |   |   |   |
|---|--|---|---|--|--|---|---|---|
| DISTRIBUTION  | P  |   |   |  |  |   | Form C-105  |   |
|   |  |   |   |  |  |   | Revised 1-1-6   |   |
| SANTA FE  |  | NEW   | MEXICO OIL CON  | SERVATION  | COMMISSION   |   | Indicate Type   |   |
| FILE  | WI   | ELL COMPL   | ETION OR RECO   | OMPLETION  | N REPORT AND   |   | State X   | Fee   |
| U.S.G.S.  |  |   |   |  |  | 5. S  | tate Cil & Gas  | s Lease No.   |
| LAND OFFICE   |  |   |   |  |  | L   | G - 3219  |   |
| OPERATOR  |  |   |   |  |  |   |   |   |
|   |  |   |   |  |  |   |   |   |
| la. TYPE OF WELL  |  |   |   |  |  | 7. L  | Init Agreement  | Name  |
|   | OIL<br>WELL  | X GAS   |   |  |  |   |   |   |
| b. TYPE OF COMPLET  | ION  | wat wat   | CL DRY L  | OTHER  |  | 8. F  | arm or Lease  | Name  |
| NEW I X WORL  |  | PLUG  | DIFF.   |  |  | S   | USCO STA  | TF.   |
| 2. Name of Operator   | DEEPEN I   | BAC)  | KL_I RESVR.L_I  | OTHER  |  |   | ell No.   |   |
| Carabbana Had   | C1 C   |   |   |  |  | ŧ .   | 2   |   |
| Southern Unio   | ou subbit co   | ошрацу  |   |  |  |   | Field and Poo   | or Wildow   |
| •   |  |   | _ ==  | 070  | •  | ł   |   | •   |
| First Internate 4. Location of Well   | atioanl Bld  | g. Dalla  | s, Texas /5   | 270  |  | <u> </u>  | ndes. Fly   | ying M-S.A.   |
| 4. Location of Well   |  |   |   |  |  |   |   |   |
| <b>T</b>  |  | 1000  | C + l-  |  | 1000   |   |   |   |
| UNIT LETTERJ  | LOCATED  | 1980 FEET   | FROM THE SOUTH  | LINE AND   | 198U FEET  | FROM  |   |   |
|   | **   | 0.0   | . 0.07  |  |  | 12.   | County  | MIIIIII   |
| THE East LINE OF S  | EC. 19   | 9-S   | GE. 33E NMPM  |  | //////////////////////////////////////   |   | Lea   |   |
| 15. Date Spudded  | 16. Date T.D. Red  | sched 17. Date  | Compl. (Ready to I  | Prod.) 18. E   | levations (DF, $RKB$   | , RT, GR, et  | c./ 19. Elev.   | Cashinghead   |
| 8/29/77   | 9/10/77  |   | 9/29/77   | į  | 4385.5 KB  | -   |   |   |
| 20. Total Depth   | 21. Plug   | Back T.D.   | 22. If Multipl  | le Compl., How   |  |   | ols Ca  | ble Tools   |
| 4500  | 4  | 460   | Many  |  | Drilled By   | ; ALL   | İ   |   |
| 24. Producing Interval(s)   | , of this completio  | n - Top, Botto  | m, Name   |  |  | <u> </u>  | 25. Wg  | s Directional Surve   |
|   |  |   |   |  |  |   | Ma  | de  |
| Cara Aradanan (   | Tlauchton 7  | 4222  | . /. 272  |  |  |   |   | Voc   |
| San Andres, S<br>26. Type Electric and Ot   | her Logs Bun   | one 4332  | <del>-</del> 43/2   |  | ·  |   | 27. Was We  | Yes   |
|   | _  |   |   |  |  |   | 27. Was We.   | * *   |
| Sidewall Neu  | tron, Forxo  |   |   |  |  | · · · · · · · · · · · · · · · · · · ·   |   | Yes   |
| 28.   | **************************************   | CA  | SING RECORD (Rep  | ort all strings  | set in well)   |   |   |   |
| CASING SIZE   | WEIGHT LB./F   |   |   | LE SIZE  | CEMENTIN   |   |   | AMOUNT PULLED   |
| 8 5/8"  | 24   | 18  |   | 12坛  | 900 sk   |   |   |   |
|   |  | 1 45  | 00  | 7 7/8  | 1070 -1  |   |   |   |
| 4 ½"  | 10.5   | 7.7   |   | ,,,,,  | 1370 sl  | cs  |   |   |
| <u> 4 출''</u>   | 10.5   | 75  |   | , ,,,  | 13/U SE  | CS  |   |   |
| 4 호''   | 10.5   | 73  |   | , ,,,,   | 1370 SF  | CS  |   |   |
| 4 ½''<br>29.  |  | IER RECORD  |   | , ,,,  | 30.  |   | IG RECORD   |   |
|   |  |   |   | SCREEN   | 30.  | TUBIN   |   |   |
| 29.   | LIN  | IER RECORD  | SACKS CEMENT  |  | 30.<br>SIZE  | TUBIN<br>DEPTH  | SET   | PACKER SET  |
| 29.   | LIN  | IER RECORD  |   |  | 30.  | TUBIN   | SET   |   |
| 29.<br>SIZE   | LIN<br>TOP   | IER RECORD<br>BOTTOM  |   | SCREEN   | 30.<br>SIZE<br>2 3/8!!   | TUBIN<br>DEPTH<br>4369  | SET   | PACKER SET  |
| 29. SIZE  31. Perforation Record (I   | TOP Interval, size and n   | BOTTOM  | SACKS CEMENT  | SCREEN   | 30.<br>SIZE<br>2 3/8!<br>ACID, SHOT, FRAC  | TUBIN<br>DEPTH<br>4369<br>TURE, CEM   | SET   | PACKER SET  E, ETC.   |
| 29. SIZE  31. Perforation Record (14332, 4333, 4333, 4333)  | TOP Interval, size and n   | BOTTOM  aumber) 4344, 43  | \$ACKS CEMENT   45, 4346,   | SCREEN  32.  DEPTH   | 30. SIZE 2 3/811 ACID, SHOT, FRAC  | TUBIN<br>DEPTH<br>4369<br>TURE, CEMB  | SET  ENT SQUEEZ  AND KIND MA  | PACKER SET  E, ETC.  TERIAL USED  |
| 29. SIZE  31. Perforation Record (1 4332, 4333, 4 4348, 4354, 4   | nterval, size and n<br>4334, 4336,   | BOTTOM  BOTTOM  4344, 43 4357, 43   | \$ACKS CEMENT<br>45, 4346,<br>58, 4359,   | SCREEN   | 30. SIZE 2 3/811 ACID, SHOT, FRAC  | TUBIN DEPTH 4369 TURE, CEME AMOUNT / 4000 g                                     | SET   | PACKER SET  E, ETC.  TERIAL USED  |
| 29. SIZE  31. Perforation Record (14332, 4333, 4333, 4333)  | nterval, size and n<br>4334, 4336,   | HER RECORD BOTTOM  101111111111111111111111111111111111   | 45, 4346,<br>58, 4359,  | SCREEN  32.  DEPTH   | 30. SIZE 2 3/811 ACID, SHOT, FRAC  | TUBIN<br>DEPTH<br>4369<br>TURE, CEMB  | SET  ENT SQUEEZ  AND KIND MA  | PACKER SET  E, ETC.  TERIAL USED  |
| 29. SIZE  31. Perforation Record (1 4332, 4333, 4 4348, 4354, 4   | nterval, size and n<br>4334, 4336,   | HER RECORD BOTTOM  101111111111111111111111111111111111   | \$ACKS CEMENT<br>45, 4346,<br>58, 4359,   | SCREEN  32.  DEPTH   | 30. SIZE 2 3/811 ACID, SHOT, FRAC  | TUBIN DEPTH 4369 TURE, CEME AMOUNT / 4000 g                                     | SET  ENT SQUEEZ  AND KIND MA  | PACKER SET  E, ETC.  TERIAL USED  |
| 29.  SIZE  31. Perforation Record (II  4332, 4333, 4348, 4354, 44360, 4361, 44360, 44600, 44600,  | nterval, size and n<br>4334, 4336,   | HER RECORD BOTTOM  101111111111111111111111111111111111   | 45, 4346,<br>58, 4359,<br>72<br>e shot each   | 32.<br>DEPTH<br>4332   | 30. SIZE 2 3/811 ACID, SHOT, FRAC  | TUBIN DEPTH 4369 TURE, CEME AMOUNT / 4000 g                                     | SET  ENT SQUEEZ  AND KIND MA  | PACKER SET  E, ETC.  TERIAL USED  |
| 29.  SIZE  31. Perforation Record (14332, 4333, 4348, 4354, 4360, 4361, 4360, 4360, 4361, 4360, 4360, 4361, 4360, 4360, 4361, 4360,   | nterval, size and n<br>4334, 4336,<br>4355, 4356,<br>4362, 4368,   | MER RECORD  BOTTOM  2011111111111111111111111111111111111   | 45, 4346,<br>58, 4359,<br>72<br>e shot each   | SCREEN  32.  DEPTH 4332  | 30. SIZE 2 3/8" ACID, SHOT, FRAC   | TUBIN DEPTH 4369 TURE, CEME AMOUNT A 4000 g                                     | ENT SOUEEZ AND KIND MA allons a   | PACKER SET  E, ETC.  TERIAL USED  cid   |
| 29.  SIZE  31. Perforation Record (II  4332, 4333, 4348, 4354, 4360, 4361, 4360, 4361, 4361, 4360, 4360, 436  | nterval, size and n<br>4334, 4336,<br>4355, 4356,<br>4362, 4368,   | BOTTOM  BOTTOM  4344, 43 4357, 43 4370, 43 On   | 45, 4346,<br>58, 4359,<br>72<br>e shot each   | SCREEN  32.  DEPTH 4332  | 30. SIZE 2 3/8" ACID, SHOT, FRAC   | TUBIN DEPTH 4369 TURE, CEME AMOUNT A 4000 g                                     | ENT SOUEEZ AND KIND MA allons a   | PACKER SET  E, ETC.  TERIAL USED  cid  d. or Shut-in)   |
| 29.  SIZE  31. Perforation Record (1, 4332, 4333, 4348, 4354, 4360, 4361, 4360, 4360, 4361, 4360  | nterval, size and n<br>4334, 4336,<br>4355, 4356,<br>4362, 4368,   | BOTTOM  BOTTOM  4344, 43 4357, 43 4370, 43 On  lon Method (Flo  | 45, 4346,<br>58, 4359,<br>72<br>e shot each   | SCREEN  32.  DEPTH 4332  | 30. SIZE 2 3/8" ACID, SHOT, FRAC   | TUBIN DEPTH 4369 TURE, CEME AMOUNT A 4000 g                                     | ENT SOUEEZ AND KIND MA allons a   | PACKER SET  E, ETC.  TERIAL USED  cid  d. or Shut-in)   |
| 29.  \$1ZE  31. Perforation Record (1  4332, 4333, 4348, 4354, 4360, 4361, 4360, 4360, 4361, 4360 | nterval, size and n<br>4334, 4336,<br>4355, 4356,<br>4362, 4368,   | BOTTOM  BOTTOM  4344, 43 4357, 43 4370, 43 On   | 45, 4346, 58, 4359, 72 e shot each  PROD  PROD  Prod'n. For   | SCREEN  32. DEPTH 4332  UCTION ing - Size and  | 30. SIZE 2 3/8"  ACID, SHOT, FRAC  INTERVAL 2-72  Ltype pump)  Gas MCF                     | TUBIN DEPTH 4369 TURE, CEME AMOUNT A 4000 g                                     | ENT SOUEEZ AND KIND MA allons ac  | PACKER SET  E, ETC.  TERIAL USED  cid  d. or Shut-in)   |
| 29.  SIZE  31. Perforation Record (14332, 4333, 4348, 4354, 4360, 4361, 4360, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360,   | nterval, size and n<br>4334, 4336,<br>4355, 4356,<br>4362, 4368,   | BOTTOM  BOTTOM  4344, 43 4357, 43 4370, 43 On  lon Method (Flo  | \$ACKS CEMENT  45, 4346, 58, 4359, 72 e shot each  PROD   SCREEN  32. DEPTH 4332  UCTION ing — Size and  | SIZE 2 3/8"  ACID, SHOT, FRACE INTERVAL 2-72  Letype pump)                                 | TUBIN DEPTH 4369 TURE, CEME AMOUNT A 4000 g                                     | ENT SOUEEZ AND KIND MA allons ac  | PACKER SET  E, ETC.  TERIAL USED  cid  d. or Shut-in)   |
| 29.  SIZE  31. Perforation Record (1  4332, 4333, 4  4348, 4354, 4  4360, 4361, 4  33.  Date First Production  9/30/77  Date of Test  10/1/77   | LIN TOP   1  | BER RECORD BOTTOM  4344, 43 4357, 43 4370, 43 On  Ion Method (Floumping Choke Size  | SACKS CEMENT  45, 4346, 58, 4359, 72 e shot each  PROD  PROD  prod'n. For  Test Period  | SCREEN  32. DEPTH 4332  UCTION ing - Size and  | 30.  | TUBIN DEPTH 4369 TURE, CEME AMOUNT / 4000 g                                     | ENT SOUEEZ AND KIND MA allons ac allons (Pro-   | PACKER SET  E, ETC.  TERIAL USED  cid  d. or Shut-in)  ng  -Oil Ratio                             |
| 29.  SIZE  31. Perforation Record (1  4332, 4333, 4  4348, 4354, 4  4360, 4361, 4  33.  Date First Production  9/30/77  Date of Test  10/1/77   | LIN TOP  | HER RECORD BOTTOM  4344, 43 4357, 43 4370, 43 On  Ion Method (Floumping Choke Size  | SACKS CEMENT  45, 4346, 58, 4359, 72 e shot each  PROD  prod'n. For Test Period   | SCREEN  32.  DEPTH  4332  UCTION  ling – Size and  Oil – Bal.  35                        | 30.  | TUBIN DEPTH 4369 TURE, CEME AMOUNT / 4000 g                                     | ENT SOUEEZ AND KIND MA allons ac allons (Pro-   | PACKER SET  E, ETC.  TERIAL USED cid  d. or Shut-in) ing  Oil Ratio 714                           |
| 29.  SIZE  31. Perforation Record (1 4332, 4333, 4 4348, 4354, 4 4360, 4361, 4  33.  Date First Production 9/30/77  Date of Test 10/1/77  Flow Tubing Press.  | nterval, size and n<br>4334, 4336,<br>4355, 4356,<br>4362, 4368,<br>Product<br>P<br>Hours Tested<br>24<br>Casing Pressure  | ter record  BOTTOM  4344, 43 4357, 43 4370, 43 On  ton Method (Floumping  Choke Size  Calculated 2 Hour Rate                    | SACKS CEMENT  45, 4346, 58, 4359, 72 e shot each  PROD  PROD  prod'n. For  Test Period  4- Oil - Bbl.   | SCREEN  32.  DEPTH  4332  UCTION  ling – Size and  Oil – Bal.  35  Gas – M               | 30.  | TUBIN  DEPTH  4369  TURE, CEME  AMOUNT A  4000 g  We  Water - E  5  - Bbl. 5    | ENT SOUEEZ AND KIND MA allons ac allons (Pro-   | PACKER SET  E, ETC.  TERIAL USED  cid  d. or Shut-in)  ng  Oil Ratio  714  ty — API (Corr.)       |
| 29.  SIZE  31. Perforation Record (II  4332, 4333, 4348, 4354, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 436  | nterval, size and n. 4334, 4336, 4355, 4356, 4362, 4368, Product P. Hours Tested 24 Casing Pressure  | der Record  Bottom  4344, 43  4357, 43  4370, 43  On  Ion Method (Floumping  Choke Size  Calculated 2  Hour Rate  vented, etc.) | SACKS CEMENT  45, 4346, 58, 4359, 72 e shot each  PROD  PROD  Prod'n. For Test Period  4- Oil - Bbl. 35   | 32.  DEPTH 4332  UCTION sing - Size and OII - Ebl. 35 Gas - M 25                         | 30.  | TUBIN DEPTH 4369 TURE, CEME AMOUNT / 4000 g                                     | ENT SOUEEZ AND KIND MA allons ac all Status (Proc Production Bbl. Gas Oil Gravit                        | PACKER SET  E, ETC.  TERIAL USED  cid  d. or Shut-in)  ng  Oil Ratio  714  ty - API (Corr.)  22.5 |
| 31. Perforation Record (1/4332, 4333, 4348, 4354, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361  | nterval, size and n. 4334, 4336, 4355, 4356, 4362, 4368, Product P. Hours Tested 24 Casing Pressure  | der Record  Bottom  4344, 43  4357, 43  4370, 43  On  Ion Method (Floumping  Choke Size  Calculated 2  Hour Rate  vented, etc.) | SACKS CEMENT  45, 4346, 58, 4359, 72 e shot each  PROD  PROD  Prod'n. For Test Period  4- Oil - Bbl. 35   | 32.  DEPTH 4332  UCTION sing - Size and OII - Ebl. 35 Gas - M 25                         | 30.  | TUBIN DEPTH 4369 TURE, CEME AMOUNT / 4000 g                                     | ENT SOUEEZ AND KIND MA allons ac allons (Productions) Bel. Gas. Oil Gravit                              | PACKER SET  E, ETC.  TERIAL USED  cid  d. or Shut-in)  ng  Oil Ratio  714  ty - API (Corr.)  22.5 |
| 31. Perforation Record (1/4332, 4333, 4348, 4354, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361  | nterval, size and n. 4334, 4336, 4355, 4356, 4362, 4368, Product P. Hours Tested 24 Casing Pressure  | der Record  Bottom  4344, 43  4357, 43  4370, 43  On  Ion Method (Floumping  Choke Size  Calculated 2  Hour Rate  vented, etc.) | SACKS CEMENT  45, 4346, 58, 4359, 72 e shot each  PROD  PROD  Prod'n. For Test Period  4- Oil - Bbl. 35   | 32.  DEPTH 4332  UCTION sing - Size and OII - Ebl. 35 Gas - M 25                         | 30.  | TUBIN DEPTH 4369 TURE, CEME AMOUNT / 4000 g                                     | ENT SOUEEZ AND KIND MA allons ac all Status (Proc Production Bbl. Gas Oil Gravit                        | PACKER SET  E, ETC.  TERIAL USED  cid  d. or Shut-in)  ng  Oil Ratio  714  ty - API (Corr.)  22.5 |
| 31. Perforation Record (1/4332, 4333, 4348, 4354, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361  | nterval, size and n 4334, 4336, 4355, 4356, 4362, 4368,  Product P Hours Tested 24 Casing Pressure fold, used for fuel, Contract P   | BER RECORD BOTTOM  4344, 43 4357, 43 4370, 43 On  Ion Method (Floumping Choke Size Calculated 2 Hour Rate vented, etc.) ending. | SACKS CEMENT  45, 4346, 58, 4359, 72 e shot each  PROD  PROD  Prod'n. For  Test Period  4- Oil - Bbl. 35  Well on 60 d  | SCREEN  32.  DEPTH  4332  UCTION  ling - Size and  Oil - Ebl.  35  Gas - M  25  ay test. | 30.  | TUBIN DEPTH 4369 TURE, CEME AMOUNT / 4000 g                                     | ENT SOUEEZ AND KIND MA allons ac all Status (Proc Produci Bbl. Gas Oil Gravit Lessed By D. Bogg         | PACKER SET  E, ETC.  TERIAL USED  cid  d. or Shut-in)  ng  Oil Ratio  714  ty - API (Corr.)  22.5 |
| 31. Perforation Record (1/4332, 4333, 4348, 4354, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361  | nterval, size and nterval, size and nterval, 4334, 4336, 4355, 4356, 4362, 4368, 4362, 436 | BER RECORD BOTTOM  4344, 43 4357, 43 4370, 43 On  Ion Method (Floumping Choke Size Calculated 2 Hour Rate vented, etc.) ending. | SACKS CEMENT  45, 4346, 58, 4359, 72 e shot each  PROD  PROD  Prod'n. For  Test Period  4- Oil - Bbl. 35  Well on 60 d  | SCREEN  32.  DEPTH  4332  UCTION  ling - Size and  Oil - Ebl.  35  Gas - M  25  ay test. | 30.  | TUBIN DEPTH 4369 TURE, CEME AMOUNT / 4000 g                                     | ENT SOUEEZ AND KIND MA allons ac all Status (Proc Produci Bbl. Gas Oil Gravit Lessed By D. Bogg         | PACKER SET  E, ETC.  TERIAL USED  cid  d. or Shut-in)  ng  Oil Ratio  714  ty - API (Corr.)  22.5 |
| 31. Perforation Record (1/4332, 4333, 4348, 4354, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361  | nterval, size and nterval, size and nterval, 4334, 4336, 4355, 4356, 4362, 4368, 4362, 436 | BER RECORD BOTTOM  4344, 43 4357, 43 4370, 43 On  Ion Method (Floumping Choke Size Calculated 2 Hour Rate vented, etc.) ending. | SACKS CEMENT  45, 4346, 58, 4359, 72 e shot each  PROD  PROD  Prod'n. For  Test Period  4- Oil - Bbl. 35  Well on 60 d  | SCREEN  32.  DEPTH 4332  UCTION sing - Size and OII - Ebl. 35 Gas - M 25  ay test.       | 30.  SIZE  2 3/8"  ACID, SHOT, FRAC  INTERVAL 2-72  Ctype pump)  Gas — MCF  25  CF Water - | TUBIN DEPTH 4369 TURE, CEME AMOUNT / 4000 g  We Water E 5 Bbl. 5   Test With M. | ENT SOUEEZ AND KIND MA allons ac allons ac Oil Gravit Bibl. Gas. Oil Gravit Bessed By D. Bogg d belief. | PACKER SET  E, ETC. TERIAL USED cid  d. or Shut-in) ing —Oil Ratio 714 ty — API (Corr.) 22.5      |
| 81. Perforation Record (14332, 4333, 4348, 4354, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361, 4360, 4361,  | nterval, size and nterval, size and nterval, 4334, 4336, 4355, 4356, 4362, 4368, 4362, 436 | BER RECORD BOTTOM  4344, 43 4357, 43 4370, 43 On  Ion Method (Floumping Choke Size Calculated 2 Hour Rate vented, etc.) ending. | SACKS CEMENT  45, 4346, 58, 4359, 72 e shot each  PROD  PROD  Prod'n. For  Test Period  4- Oil - Bbl. 35  Well on 60 d  | SCREEN  32.  DEPTH 4332  UCTION sing - Size and OII - Ebl. 35 Gas - M 25  ay test.       | 30.  | TUBIN DEPTH 4369 TURE, CEME AMOUNT / 4000 g  We Water E 5 Bbl. 5   Test With M. | ENT SOUEEZ AND KIND MA allons ac allons ac Oil Gravit Bibl. Gas. Oil Gravit Bessed By D. Bogg d belief. | PACKER SET  E, ETC.  TERIAL USED  cid  d. or Shut-in)  ng  Oil Ratio  714  ty - API (Corr.)  22.5 |

#### INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

#### Southeastern New Mexico Northwestern New Mexico 1840 T. Anhy\_ \_\_\_ T. Canyon \_\_\_\_\_\_ T. Ojo Alamo \_\_\_ \_\_\_\_\_ T. Penn. "B" T. Salt\_ T. Strawn \_\_\_\_\_\_ T. Kirtland-Fruitland \_\_\_\_\_ T. Penn. "C" T. Atoka \_\_\_\_\_ T. Pictured Cliffs \_\_\_\_\_ T. Penn. "D" \_\_\_\_\_ Salt\_ 2386 T. Miss\_\_\_\_\_\_ T. Cliff House\_\_\_\_\_ T. Leadville\_\_\_\_\_ Yates\_\_\_ 2496 T. Devonian T. Menefee T. Madison 7 Rivers ... 2870 T. Silurian T. Point Lookout T. Elbert T. Queen \_ 3254 T. Montoya \_\_\_\_\_ T. Mancos \_\_\_\_ T. McCracken \_\_\_\_ T. Grayburg \_ 3608 \_\_\_\_ T. T. San Andres Simpson \_\_\_\_\_ T. Gallup \_\_\_\_\_ T. Ignacio Qtzte \_\_\_\_ T. McKee \_\_\_\_\_ Base Greenhorn \_\_\_\_ T. Granite \_\_\_\_ T. Ellenburger T. Dakota T. Paddock \_\_\_ T. Blinebry \_\_\_\_\_\_ T. Gr. Wash \_\_\_\_\_ T. Morrison \_\_\_\_\_ T. \_\_\_\_\_ T. Granite \_\_\_\_ T. Todilto \_\_\_\_\_\_ T. Drinkard \_\_\_\_\_\_ T. Delaware Sand \_\_\_\_\_ T. Entrada \_\_\_\_\_ T. T. Bone Springs \_\_\_\_\_ T. Wingate \_\_\_\_ T. T. Abo ..... Wolfcamp \_\_\_\_\_ T. \_\_\_ \_\_\_\_\_\_ T. Chinle \_\_\_\_\_ T. \_\_\_\_ Penn. \_\_\_\_\_\_T. \_\_\_\_\_T. \_\_\_\_\_T. \_\_\_\_\_T. T Cisco (Bough C) \_\_\_\_\_ T. \_\_\_\_ T. \_\_\_\_ T. \_\_\_\_ T. \_\_\_\_ T. \_\_\_\_ T.

## FORMATION RECORD (Attach additional sheets if necessary)

| From   | То  | Thickness<br>in Feet                           | Formation   | From | То    | Thickness in Feet | Formation  |
|--|---|--|---|------|-------|-------------------|--|
| Surface<br>647<br>1658<br>1840<br>2386<br>2496<br>2870 | 647<br>1658<br>1840<br>2386<br>2496<br>2870<br>3254 | 647<br>1011<br>182<br>546<br>110<br>374<br>384 | Ogalalla<br>Triassic<br>Dewey Lake<br>Anhydrite<br>Yates<br>7 Rivers<br>Queen |      |       |                   |  |
| 3254<br>3608<br>4176<br>4325<br>4500                   | 3608<br>4176<br>4325<br>4500                        | 354<br>568<br>149                              | Crayburg San Andres Pi Marker Slaughter Zone Total Depth                      |      | : -   |                   |  |
| į  | 3.2<br>3.3  |  |   | į.   |       |                   |  |
|  |   |  |   |      | - · · |                   | i die de la company de la comp |
|  |   |  |   |      |       |                   |  |

### INCLINATION REPORT

| ASE NAME Su  | sco State #2  | VELL NO. 2 FIELI  | D   |
|--|---|---|---|
| ATION Se   | ction 19. T-9S, R-33E, Lea  | County, New Mexico  |   |
|  | ANGLE   |   | DISPLACEMENT  |
| PTH  | INCLINATION DEGREES   | DISPLACEMENT  | ACCUMULATED   |
| 04   | 1/4   | 2,2176  | 2.2176  |
| 01   | 1/2   | 2.5839  | 4.8015  |
| 74   | 3/4   | 6.1963  | 10.9978   |
| 49   | 3/4   | 4.9125  | 15.9103   |
| 0  | 1   | 3.5175  | 19.4278   |
| 0  | 1 3/4   | 14.9450   | 34.3728   |
| 3  | 1 3/4   | 10.7665   | 45.1393   |
| 5  | 2   | 10.1908   | 55.3301   |
| 2  | 2   | 12.1103   | 67.4404   |
| 5  | 2   | 15.8097   | 83.2501   |
| )  | 1.  | 8.6625  | 91.9126   |
| l  | 3/4   | 2.8820  | 94.7946   |
|  |   |   |   |
|  | y that the above data as se<br>and belief.  | t forth is true and   | correct to the best   |
| •  |   |   | correct to the best<br>ILLING COMPANY   |
| ereby certify<br>my knowledge  |   |   |   |
|  |   | CACTUS DR   | ILLING COMPANY  - Jayl  |
| ny knowledge   |   | CACTUS DR   | ILLING COMPANY  |
| y knowledge  |   | CACTUS DR   | ILLING COMPANY  Jaylor, Admn. Asst.   |
| IDAVIT:  fore me, the inverse to be a sition, under the well identified. | and belief.   | TITLE Garlin To subscribed herebelocting for and in behthe best of his know | Taylor. Admn. Asst.  Taylor w, who, on making alf of the operator ledge and belief such |
| IDAVIT:  ore me, the two to me to losition, under the well iden          | undersigned authority, appe<br>be the person whose name is<br>er oath states that he is a<br>ntified above, and that to | TITLE Garlin To subscribed herebelocting for and in behthe best of his know | Taylor. Admn. Asst.  Taylor w, who, on making alf of the operator ledge and belief such |

MY COMMISSION EXPIRES MARCH 1, 1980

Norary Public in and for the County of Lea, State of New Mexico

SEAL

| HO. OF COPIES RECEIVED |      |  |   |  |
|------------------------|------|--|---|--|
| DISTRIBUTIO            |      |  |   |  |
| SANTA FE               |      |  |   |  |
| FILE                   |      |  |   |  |
| U.S.G.S.               |      |  |   |  |
| LAND OFFICE            |      |  |   |  |
| TRANSPORTER            | OIL  |  |   |  |
| TRANSPORTER            | GAS  |  |   |  |
| OPERATOR               |      |  |   |  |
| PROPATION OF           | CICE |  | Ī |  |

1.

|      | SANTA FE   | 1   | ONSERVATION COMMISS. FOR ALLOWABLE                     | Form C-104 Supersedes Old C-104 and C-110          |
|------|--|---|--|--|
|      | FILE   |   | AND  | Effective 1-1-65                                   |
|      | U.S.G.S.   | AUTHORIZATION TO TRA  | INSPORT OIL AND NATURAL                                | GAS  |
|      | LAND OFFICE  |   |  |  |
|      | TRANSPORTER OIL  |   |  |  |
|      | GAS  | · ·   |  |  |
|      | OPERATOR   | <del>-</del>   .  |  |  |
| I.   | PRORATION OFFICE Operator                                  | <u> L</u>   |  |  |
|      | Southern Union Supp  | alv. Company  |  |  |
|      | Address  | Ty Company  |  |  |
|      |  | n1d~  |  | ļ  |
|      | First International Reuson(s) for filing (Check proper box | )   | Other (Please explain)                                 |  |
|      | New Wall   | Change in Transporter of:                                   | CASINGHEAD GAS   | MUST. NOT 1914                                     |
|      | Recompletion   | Oil Dry Gas   | s FLARED AFTER   | 12/1/17  |
|      | Change in Ownership  | Casinghead Gas Conden                                       |  | PTION TO RADZO                                     |
|      |  |   | IS OBTAINED.   |  |
|      | If change of ownership give name                           |   |  |  |
|      | and address of previous owner                              |   |  |  |
| 11.  | DESCRIPTION OF WELL AND                                    | LEASE   |  |  |
|      | Lease Name   | Well No. Pool Name, Including Fo                            | ormation Kind of Lea                                   | se Lease No.                                       |
|      | SUSCO STATE  | 2 <del>Undes</del> . Flying                                 | State, Feder   | ral or Fee State LG-3219                           |
|      | Locatio.   |   |  |  |
|      | Unit Letter J ; 198  | Feet From The South Line                                    | e and 1980 Feet From                                   | The East   |
|      |  |   |  |  |
|      | Line of Section 19 To                                      | wnship 9-S Range  | 33E , NMPM, L  | ea County  |
|      |  |   |  |  |
| III. | DESIGNATION OF TRANSPORT                                   | TER OF OIL AND NATURAL GA                                   | S  |  |
|      | Name of Authorized Transporter of Oil                      | or Condensate   |  | oved copy of this form is to be sent)              |
|      | Mobil Oil Corporation                                      |   | Dallas, Texas  | and an elektrical to be added.                     |
|      | Name of Authorized Transporter of Ca                       | singhead Gas or Dry Gas                                     | Address (Give address to which app)                    | oved copy of this form is to be sent)              |
|      | Not Yet Contracted   |   |  |  |
|      | If well produces oil or liquids,                           | Unit Sec. Twp. P.ge.  | Is gas actually connected?                             | Then   |
|      | give location of tanks.                                    | P 19 9S 33E   | No   | J  |
|      | If this production is commingled wi                        | th that from any other lease or pool,                       | give commingling order number:                         |  |
| JV.  | COMPLETION DATA  |   | New Well Workover Deepen                               | Plug Back Same Res'v. Diff. Res'v.                 |
|      | Designate Type of Completic                                | (Y) '   | 1 1  | Pring Back Same Nes V. Ditt. Nes V.                |
|      |  |   | X  | P.B.T.D.   |
|      | Date Spudded   | Date Compl. Ready to Prod.                                  | Total Depth  |  |
|      | 8/29/77  | 9/29/77   | 4500'  | 4460 Tubing Depth                                  |
|      | Elevations (DF, RKB, RT, GR, etc.)                         | Name of Producing Formation                                 | Top Oil/Gas Pay  |  |
|      | 4385.5 KB  | San Andres  | 4332   | 4369 Depth Casing Shoe                             |
|      | Perforations 4332,33,34,3                                  | 36,44,45,46,48,54,55,5 <mark>6,</mark> 5<br>One shot 1 foot | 57,58,59,60,61,62,68,70                                | 4500   |
|      | 72   |   | CEMENTING RECORD                                       | 1,500  |
|      |  | CASING & TUBING SIZE  | DEPTH SET  | SACKS CEMENT                                       |
|      | HOLE SIZE  | 8 5/8   | 1850   | 900  |
|      | 7 7/8  | 4½  | 4500   | 1370   |
|      |  | 1 2   |  |  |
|      |  |   | 1  |  |
|      |  | OD AT TOWART F. (T  | for any of social volume of load o                     | il and must be equal to or exceed top allow-       |
| V.   | TEST DATA AND REQUEST FOIL WELL                            | able for this de  | pth or be for full 24 hours)                           | is and made of equal to or exceed top arrow-       |
|      | Date First New Oil Run To Tanks                            | Date of Test  | Producing Method (Flow, pump, gas                      | lift, etc.)  |
|      | 9/30/77  | 10/1/77   | Pump   |  |
|      | Length of Test   | Tubing Pressure   | Casing Pressure  | Choke Size   |
|      | 24 HRS   |   |  |  |
|      | Actual Prod. During Test                                   | Oil-Bbls.   | Water-Bble.  | Gas-MCF  |
|      |  | 35  | 5  | 25   |
|      | 1  |   |  |  |
|      | GAS WELL   |   |  |  |
|      | Actual Prod. Test-MCF/D                                    | Length of Test  | Bbls. Condensate/MMCF                                  | Gravity of Condensate                              |
|      |  |   |  |  |
|      | Testing Method (pitot, back pr.)                           | Tubing Pressure (Shut-in)                                   | Casing Pressure (Shut-in)                              | Choke Size   |
|      |  |   |  |  |
| VI.  | CERTIFICATE OF COMPLIAN                                    | CE  | OIL CONSERV  | ATION COMMISSION                                   |
|      |  |   |  |  |
|      | I hereby certify that the rules and                        | regulations of the Oil Conservation                         | APPROYED   | , 19   |
|      | Commission have been compiled t                            | with and that the information given                         | and the section  | Willen   |
|      | above is true and complete to the                          | e best of my knowledge and belief.                          | BY   |  |
|      |  |   | TITLESUC   | 2. 2. 2. 1 ×                                       |
|      |  | ~ N.  | mula form in to be filled to                           | n compliance with RULE 1104.                       |
|      | James S. E   | Elli.   | ve attende a compact for all                           | nwable for a newly drilled or deepened             |
|      | fivior 18:00   | acture)   | il as as to form must be accom-                        | naniad by a tabulation of the ceviation            |
|      | Chief Petroleum Engin                                      | -   | tests taken on the well in acc                         | cordance with MULE 111.                            |
|      |  | itle)   | All sections of this form table on new and recompleted | nust be filled out completely for allow-<br>wells. |
|      | 10/7/77  | •   | I must a serily Continue T                             | II III and VI for changes of owner,                |
|      |  | ate)  | well name or number, or transp                         | otter of other shor cusude of conditions           |
|      |  |   | Separate Forms C-104 mi                                | ust be filed for each pool in multiply             |

| NO. OF COPICS ACC   | CIACD ,                                    |  |   |  |                                       | Form C+.03                              |
|---|--|--|---|--|---------------------------------------|---|
| DISTRIBUTIO   | N I  |  |   |  |                                       | Supersodes Old<br>C-102 and C-107       |
| SANTA FE  |  | NEW ME   | XICO OIL CONS                             | ERVATION COMMISSION  | ł                                     | Ellocuivo 1-;-62                        |
| FILE  |  | (  |   |  |                                       |   |
| U.S.C.S.  | 1 1  |  |   |  | •                                     | Sa. Indicate Type of Leave              |
| LAND OFFICE   |  |  |   |  |                                       | State XX Foo                            |
| PERATOR   |  | ,  |   |  |                                       | 5. State Oil & Gos Lease No.<br>LG-3219 |
| SUNDRY NOTICES AND REPORTS ON WELLS  (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DECEME OR PLUE BACK TO A DIFFERENT RESERVOIR.  USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.) |  |  |   |  |                                       |   |
|   | CAS [7]                                    |  |   |  |                                       | 7. Unit Agreement Name                  |
| Name of Operator  |  |  |   |  |                                       | 0. Fam or Lugge Hame                    |
| Southern Union Supply Company   |  |  |   |  |                                       | SUSCO-State                             |
| Address of Operator   |  |  |   |  |                                       | 9. Well No.                             |
| 1306 Gihls Tower West - Midland, Texas 79701  |  |  |   |  |                                       | 2                                       |
| Location of Well  |  |  |   |  |                                       | 10. Field and Pool, or Wildcal          |
| UNIT LETTER J . 1980' FEET FROM THE South LINE AND 1980 FEET FROM   |  |  |   |  |                                       | Undes., Flying M-SA                     |
|   |  |  |   | •  |                                       |   |
| THE East LINE, SECTION 19 TOWNSHIP 9-S RANGE 33-E NMPM.   |  |  |   |  |                                       |   |
| mm  | mm   | 15. Elevati  | on (Show whether                          | DF, RT, GR, etc.)  |                                       | 12. County                              |
|   |  |  |   | 374.5' GR  |                                       | Lea                                     |
| 77777777  | Check A                                    | ppropriate Box   | To Indicate N                             | ature of Notice, Repo  | ort or Oth                            | ar Dara                                 |
| ,   | NOTICE OF IN                               |  | l Jindreate 1                             |  |                                       | REPORT OF:                              |
|   |  | •  |   |  | •                                     |   |
| RFORM REMEDIAL WO   | DAK  | PLUG A   | NO ABANDON 🔲                              | REMEDIAL WORK  |                                       | ALTERING CASING                         |
| MPORARILY ASAHDON   |  |  |   | COMMERCE DRILLING OPHS.  | $\mathbf{x}\mathbf{x}$                | PLUG AND ASANDONMENT                    |
| ILL OR ALTER CASING   |  | CHANG  | E PLANS                                   | CASING TEST AND CEMENT JQ  | · XX                                  |   |
|   |  |  | . (                                       | * OTHER  |                                       | U                                       |
| OTHER   |  |  |   |  |                                       |   |
|   |  | rations (Clearly state   | all pertinent desa                        | ils, and give pertinent dates  | , including e                         | stimated date of starting any proposed  |
| work) SEE RULE  | 1 103.                                     |  |   | •  |                                       |   |
| 8-29-77   | Spud well                                  |  | •   |  | . •                                   |   |
|   | Cemented wit                               | th 700 sacks He<br>ent Circulated                                | owco Lite f                               | Casing (1838.68')<br>ollowed by 200 sac<br>rs. Pressure test   | ks Class                              | "C" with 2%                             |
|   | first stage<br>with 1400 ps<br>OK. Cemente | with 320 sack<br>si. Pressure<br>ed second stag<br>00 psi for 30 | s Class "C"<br>test on fir<br>e with 1200 | (4,481.66'). Set of the court o | V Tool -<br>si for 3<br>Pressu        | DV Tool opened<br>O minutes. Held       |
|   |  |  |   |  |                                       |   |
|   |  |  |   |  |                                       |   |
|   |  |  |   |  |                                       |   |
| <u>-</u>  |  |  |   |  |                                       | •                                       |
| I hereby denily the   | t the information at                       | ove is true and comn   | ete to the heat of                        | my knowledge and belief.   | · · · · · · · · · · · · · · · · · · · |   |
|   | /  |  |   |  |                                       | •                                       |
| $\mathbb{Z} \setminus \mathcal{M}$  | . Mull                                     | by .   | ******                                    | Agent  | •                                     | 9-21-77                                 |
| "   | .,   |  | TITLE                                     |  |                                       | DATE                                    |
| _   |  | orig. Signed by  | •   | • •  |                                       | 12 10 10 10 10 7 7                      |
| OVED BY   |  | erry Sexton  | TITLE                                     |  |                                       | DATE TO A BOAR                          |
| DITIONS OF APPR   | OVAL, IF ANYI                              | - Dabie  |   |  |                                       |   |