TOM L. INGRAM

100 SOUTH KENTUCKY AVENUE ROSWELL, NEW MEXICO BB201 December 3, 1968

) / 420

State of New Mexico Oil Conservation Commission P. 0. Box 1980 Hobbs, New Mexico 88240

Re: Disposal of Salt Water

### Gentlemen:

In accordance with Rule 701-C, it is requested that administrative approval be given to classify the Tom L. Ingram #2 State, located 1650 FNL & 990 FWL Section 32, T8S, R38E, Roosevelt County, New Mexico as a water disposal well. Devonian water from the Tom L. Ingram #1 State, located 660 FNL & 1980 FWL of Section 32 will be injected into the Canyon formation in the #2 well. Both of these wells are located on New Mexico State Lease No. K-2610. No oil production has been obtained from this formation within a two mile radius.

The only well other than the #1 State that is producing or has produced oil within a two mile radius is the Fasken #1 Green, located in Section 30. T8S. R38E. This well originally produced from the Bough "C" formation but has now been abandoned.

To assist you in making your decision, I have attached the following:

- 1. Form C-108
- 2. Plat showing wells and leases
- 3. Log of the proposed injection well
- Diagrammatic sketch of well with casing, perforations, etc.
- 5. Analysis of produced water
- 6. Analysis of water from injected zone
- 7. Copy of RW-1 requesting approval of right-of-way easement and RW-10 Questionnaire
- 8. Copy of letter to operators within 1/2 mile of well.

Very truly yours,

Tom L. Ingram

TL1\*pms Encls.

1.

TOM L. INGRAM

100 SOUTH KENTUCKY AVENUE

ROSWELL, NEW MEXICO BB201 20

December 16, 1968

State of New Mexico Oil Conservation Commission Santa Fe, New Mexico

Attention: Mr. A. L. Porter

Re: Water Disposal

North Sawyer Devonian

Roosevelt County, New Mexico

Gentlemen:

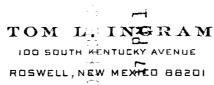
On December 3, 1968, I applied for administrative approval for conversion to a salt water disposal well. I am attaching hereto waivers signed by Atlantic Richfield and Tenneco Oil Company. These are the only two oil operators having leases in the vicinity.

Very truly yours,

Tom L. Ingram hypnio

TLI\*pms Encls.

cc New Mexico 0il Conservation Commission P. O. Box 1980 Hobbs, New Mexico 88240



December 4, 1968

## RECEIVED

DEC 5 1968

MIDLAND DISTRICT PRODUCTION

RÉCEIVED DES 18 1968

Atlantic Richfield Company P. O. Box 1978 Roswell, New Mexico 88201

Mr. L. H. Tyson Wilkinson-Foster Building Midland, Texas Mr. L. H. Armour, Jr. 135 South LaSalle Street, Suite 1940 Chicago, Illinois 60603

Tenneco 0il Company P. 0. Box 1031 Midland, Texas 79701

Re Salt Water Disposal Well North Sawyer Devonian Roosevelt County, New Mexico

### Gentlemen:

I am attaching hereto a copy of Form C-108 and accompanying data for the converting of the Tom L. Ingram #2 State to a Salt Water Disposal Well. In accordance with Rule 701-C, I am notifying each of you as to my intentions.

As January 1, 1969 is the deadline for the elimination of surface disposal, I am requesting that each of you execute this letter indicating that you have no objections to my proposal and returning it to me as soon as possible.

Very truly yours,

Tom L. Ingram

TLI\*pms Attachm.

APPROVED BY:

DATED.

December 4, **3** 968

RECEIVED 535 6 1968

Atlantic Richfield Company P. O. Box 1978 Roswell, New Mexico 88201

Mr. L. H. Tyson Wilkinson-Foster Building Midland, Texas Mr. L. H. Armour, Jr. 135 South LaSalle Street, Suite 1940 Chicago, Illinois 60603

Tenneco Oil Company P. O. Box 1931 Midland, Texas 79701

Re Salt Water Disposal Well North Sawyer Devonian Roosevelt County, New Mexico

#### Gentlemen:

I am attaching hereto a copy of Form C-108 and accompanying data for the converting of the Tom L. Ingram #2 State to a Salt Water Disposal Well. In accordance with Rule 701-C, I am notifying each of you as to my intentions.

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Very truly yours,

Tom L. Ingram

TL:\*pms Attachm.

APPROVED BY

December 6, 1968

DATED:

### NEW MEXICO OIL CONSERVATION COMMISSION

### APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

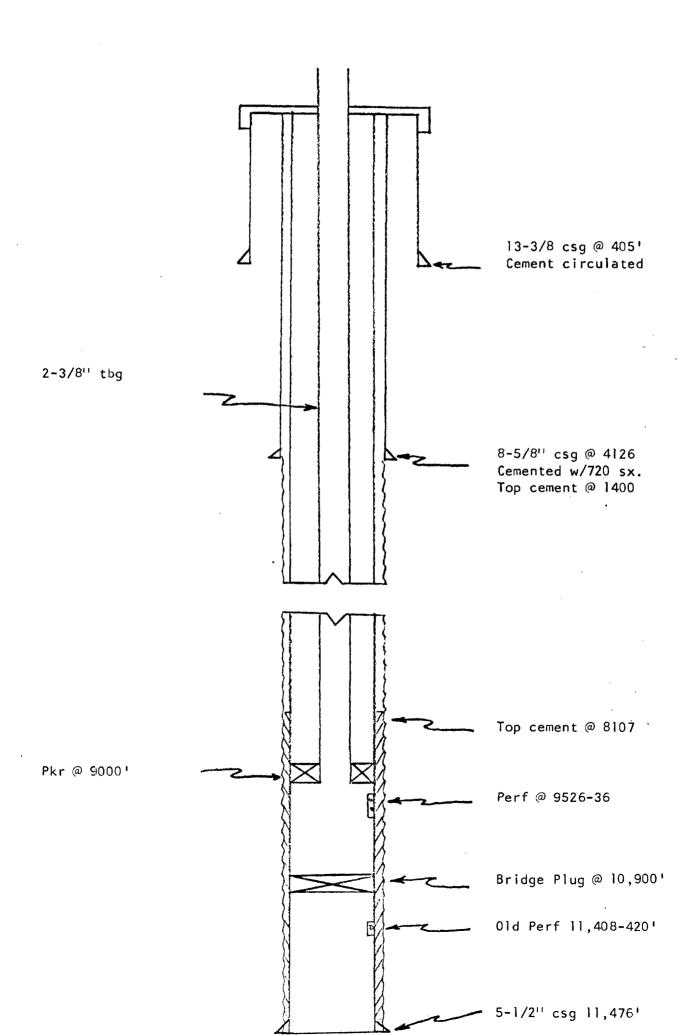
| OPERATOR  |  |  | ADDRESS               |                            |             |  |
|---|--|--|-----------------------|----------------------------|-------------|--|
| Tom L. Ingram   |  |  | P. 0. B               | ox 1757, Roswe             | ll, New     | Mexico 88201   |
| LEASE NAME  |  | WELL NO.   |                       | _                          |             |  |
| State   | · · · · · · · · · · · · · · · · · · ·  |  | North                 | Sawyer Devonia             | ın          | Roosevelt  |
| LOCATION  | _  | _  |                       |                            |             |  |
| UNIT LETTER   | E ; w  | ELL IS LOCATED   | 650 FEET FR           | OM THE North               | LINE AND    | 990 FEET FROM THE  |
| West Line, SECTION  | 32 то  | NNSHIP 85  | RANGE 38E             | NMPM.                      |             |  |
|   | <del></del>  | T  | G AND TUBING DAT      |                            |             |  |
| NAME OF STRING SURFACE CASING   | SIZE   | SETTING DEPTH  | SACKS CEMEN           | NT TOP OF CE               | MENT        | TOP DETERMINED BY  |
| SURFACE CASING  | 13-3/8   | 405  | <b>32</b> 6           | Surface                    |             | Circulation  |
| INTERMEDIATE  |  |  |                       |                            |             |  |
|   | 8-5/8  | 4126   | 720                   | 1400                       |             | Temperature Surve  |
| LONG STRING   |  |  | 1                     | ,,,,,                      |             |  |
|   | 5-1/2  | 11476  | 430                   | 8107                       |             | Temperature Survey   |
| TUBING  |  |  | NAME, MODEL AND D     | EPTH OF TUBING PACKER      |             | ·  |
|   | 2-3/8  | 9000   | Baker Mode            | R at 9000                  |             |  |
| NAME OF PROPOSED INJECTION FORM   | ATION  |  | TOP OF FORM           | ATION                      | воттом      | OF FORMATION   |
| Canyon IS INJECTION THROUGH TUBING, DASH  |  |  | 951                   | 5<br>OPOSED INTERVAL(S) OF | 95          | 60   |
|   |  |  | ì                     |                            | INJECTION   |  |
| Tubing IS THIS A NEW WELL DRILLED FOR DISPOSAL?   | IF ANSWED IS   | Perf.  | 9526-9536             | 9526-9536                  | THAS WEL    | 1 EVER REEN DERECRATED IN ANY  |
| No  | As ar  | oil well   | OSE WAS WELL ORIGIN.  | ALLI DRILLED:              | ZONE OTI    | L EVER BEEN PERFORATED IN ANY<br>HER THAN THE PROPOSED INJEC-<br>IE? Yes |
| LIST ALL SUCH PERFORATED INTERVA  | LS AND SACKS OF CE   | MENT USED TO SEAL  | . OFF OR SQUEEZE EACH |                            |             |  |
| 11,408-420, 154 sx  | k. & bridge  |  |                       |                            |             |  |
| DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA  |  | DEPTH OF BOTTOM OIL OR GAS ZONE IN   |                       | DEPTH OF<br>OIL OR GA      | TOP OF NEXT | LOWER<br>S AREA<br>344   |
| ANTICIPATED DAILY MINIMUM INJECTION VOLUME 1  | TMAXIMUM   | OPEN OR CLO  | DSED TYPE SYSTEM      | IS INJECTION TO BE BY      |             | APPROX. PRESSURE (PSI)   |
| (BBLS.) 600 ! 100   | 1000   | clos   | ed                    | gravity                    | /           | vacuum   |
| ANSWER YES OR NO WHETHER THE FO<br>ERALIZED TO SUCH A DEGREE AS TO<br>STOCK, IRRIGATION, OR OTHER GENER | LLOWING WATERS AR  | E MIN- WATE  | ER TO BE DISPOSED OF  | NATURAL WATER IN DIS       | O- ARE WAT  | VACUUM<br>ER ANALYSES ATTACHED?  |
|   |  | and the second s | Yes                   | Yes                        |             | Yes  |
| NAME AND ADDRESS OF SURFACE OWN   | •  |  | 2                     | /                          |             |  |
| M. E. Bilbrey, BOX  | x 61, Bledso   | oe, Texas  | THIS INJECTION WEL    | t / / / / / /              | y           |  |
| Atlantic Richfield  | and the second s |  |                       |                            | 201         |  |
|   | •  |  | ,                     |                            | <b>_</b>    |  |
| L. H. Tyson, Wilk   | inson-Foste  | Building,  | Midland, Texa         | as                         |             |  |
| L. H. Armour, Jr.   | . 135 South  | LaSalle St.  | Suite 1940            | , Chicago, Ill             | inois 60    | 603  |
|   | ş/   |  |                       |                            |             |  |
| Tenneco Oil Compa   | <u>ny, Box 103</u>   | l, Midland,  | Texas 79701           |                            |             |  |
|   |  |  |                       |                            |             |  |
| HAVE COPIES OF THIS APPLICATION E<br>SENT TO EACH OF THE FOLLOWING?                                     | SEEN SURFACE OWN   | tER .  | EACH OPERAT           | OR WITHIN ONE-HALF MIL     | E THE NEW   | MEXICO STATE ENGINEER  |
|   | Yes  |  |                       | es                         | ! Ye        |  |
| ARE THE FOLLOWING ITEMS ATTACHE THIS APPLICATION (SEE RULE 701-B  | D TO PLAT OF ARE.  | Α  | ELECTRICAL            | LOG                        | DIAGRAM     | MATIC SKETCH OF WELL   |
|   | Yes  | <b>)</b>   | 1                     | es                         | Ye          | S  |
| I hereby c  | ertify that the inf  | ormation above is  | s true and complete   | to the best of my kn       | owledge and | l belief.  |
| 1 -2  |  |  |                       |                            |             |  |
| Jours of  | y ac   | 0p   | erator                |                            | Decem       | ber 3, 1968  |
| (Si )   | •  |  | (Title)               |                            |             | (Data)   |

NOTE: Should waivers from the State Engineer, the surface owher, and all operators within one-half mile of the proposed injection well.

not accompany this application, the New Mexico Oil Conservation Commission will hold the application for a period of 15 days
from the date of receipt by the Commission's Santa Fe office. If at the end of the 15-day waiting period no protest has been received by the Santa Fe office, the application will be processed. If a protest is received, the application will be set for hearing,
if the applicant so requests. SEE RULE 701.

| Tom ingrom . 2: 1: 71 0145827   | Neorburg & Neorburg & Ingram HBP 041698   | Fronklin, Aston  | Neva C. Shaw Union 1777 0504201 1737 U.S. Mi.  | Union 1 1 77 1737 Roden Copelan Red   | Cities Serv.<br>5: 19:74<br>K 4128   |                           | A-317   | EDSON<br>X   |
|---|---|--|--|---|--|---------------------------|---|--|
| 101 69121<br>1048769  | "Kirkpotriek-red" Otis Spears (s)   | U.S.<br>J. B. Hardeman(S)  | J. B.<br>Harde-<br>mon<br>(S) U.S.   | ⊕ D/A 3-28-62   U, S. 8   | 38 State   | Reserv                    | T.J. Williams<br>Bush-Overbey M.  | Altona<br>Coline   |
| Hy Hinton, Mi.  | OfisSpears(s) (C.E.Marsh. II  | B.O. Bactz   6-1-71   | Roden Oi   Baumgartner 3 - 73   034 2 6   035 85 39   Hardennan   19 - 73  | Union   | Jna, Kach<br>5 · 1 · 76<br>0659815  -  | Drait Calabi              | A.403 cz<br>Guyf.Daris, eta<br>AltonAinsworth<br>Guaris A.317   | O' Jos. I. O'Nei El 3379 Meet 32                           |
|   | L.C. Harris   Morathon   6   1   70(3)   4   1   69(2)   045651   045735  | 10 4830<br>V 2103<br>Atlantic<br>30 3903<br>0044216<br>U.S.  | 5 Kelly Cil.Serv.Tenneco<br>9 · 1 · 68(2) 2 · 1 · 70(2)<br>9 45 5 70 0 10 45 28<br>Jennings  | <br>  | F. 7.  | Lan                       | Anedarko 63<br>10: 18: 71<br>R. Slack<br>10: 17: 71<br>Jna E Toles - 1/4<br>JL Reed, et al<br>Mrs. A. Holly | Anada Anada  |
| F.W.  | 6.77  | J. 8. Hardeman(s)  | U.S.  058120   | 9-1-70(2) <sup>1</sup><br>  OS8120 U.S.   | U.S.   |                           | ,11   | Alton A  |
| 3 · 1 · 73<br>0358539   | Marathon<br>4 · 1 · 69(2)<br>043748<br>Irene Terrill(S)   | 1 - 1 - 69(2)<br>044 216 T.L<br>Ilngrom<br>1 8-1.72  | K.L.Hoynie<br>10 · 22 · 69<br>P.R. Jonsson<br>11 · 2 · 69<br>Bob Merrill, etal   | SAWY/   | (0237124).<br>Union P.<br>4-1-77<br>1797   | 1                         | 64  | Yagger HA  |
| L.RBrown(S)   | U.S. (M.I.) 26-  Marathan 4 - 1 - 69(2)   | 25 KGS   | A.A. Wilson Allantic F309  A.A. Wilson (Fasken)  2109520   | Ingram (Tenneco)  | Tenneco (5)  | In e                      | # CoraJ. Thomerson  | INING SOUTH  |
| U.S.Min.<br>Percy<br>(vey.(3)   | 049148<br>U.S.<br>Percy Irey, (8)   | U.S. Percy livey, (S)  | Penn. Disc. L.H. Tyson T   |   | 010 40 28  Tenneco , Ana , 12-1-73   dorko   701214   0237124   02   |                           |   | OM.Co.   |
| hirleyStarman<br>10 1 78<br>7828<br>WJM E.M.  | Marathan W. 8. Osborn, Jr. 4 · 1 · 69(2) 4 · 13 · 67  | R Lowe Est. 11-7-74<br>K-4566<br>K-2609 25 <sup>12</sup>   | Peggy Bootz L H Armour Jr  | Atlantic Dev Disc.  <br>K-2610   1   Atlantic   | Tenneco (4)<br>9 · 1 · 70(2)<br>0 10 40 26   | 284 65                    | AAinsworth  | A 186 .  |
| Corper Drig.<br>E1 4010<br>T0 9611<br>SA 4135<br>Sior 5538<br>Abo 7680<br>Bought C 9562<br>DA 7-12-61 | 35  | 59 28<br>DOB<br>State<br>El 3968<br>Abo 7630<br>W.C. 8810<br>Bought 9415<br>Dought 9415  | 31 - O 12-6-69   | Ciffes   Fiz.   K-2610   Serva   Ingram   Arlorida   K-2610   Arlorida   K-2610   Arlorida   K-2610   Arlorida   K-2610   Arlorida   K-2610   T.L.   Ingram   Arlantic   K-2610   K-2610   K-2610 | 33  -<br>Anadarko<br>1.1.70(2)<br>671229   |                           | M.C. Ledbetter 16   | CThomerson*  |
| Bilbrey   | C.L.Links(s) Midhyrst Oil 1/2 U.S. E.W.Whitney,etal   | D/A 9-11-63  | R.S. Dovis, et al<br>M, H. Mc Greil 1/8  | State   | U.5  |                           | Lloyd Evans, etal,  | Alton A<br>Docie<br>DM.Johnson,el                          |
| Royal 1   | 40/24 4140:04 3'44/04 2'44/04 1'<br>Grt.<br>1:15-73<br>1:5-73<br>1:05-00<br>1:05-00   | 44874. 4) 46674. 3) 48634. 2) 400/4. // R.C.Bennett 6:17:73 7:22:73 7:3:73   | Gent Fremu Com   | 39974c # 3989Ac 313985Ac 213982Ac /<br>D.J. Alcomo<br>Stone HB P K.I. E.E.<br>O67891 2-1-78 4-1-7012<br>Mobil 4316 082022   | Oreal nest, Drig   | Pan Am.<br>HBP            | S.B.<br>Piersort  | SA Fire<br>TD 4940<br>Comp. 3-9-53<br>Tex. Pac., et al DR: |
| U.S. MI DL. Brown(S) R.C. Bennett 8 · 1 · 69 (2) 0 4 0 1 3 0  | Union<br>1 18 76<br>K 5615<br>15 64   | J. S. Edwards, etal MI   | U.S.  N.M.State Game Comm(S)  6  So.West.Hyd  Ohio Gent Energy CorpMag, Fedi  Slotton 12 - 1 - 73  El 3954  0237124  El 3975  10 49376   | 0/A 8-30 56 0771741 067891  | H.B.P.<br>063659   | NS                        |   | Lloyd Evans e  |
| U.S., MI<br>Don L. Brown  | State   | E.W Anguish James C<br>etai, Mi Statton, Wan Brown   | Wt 8799 Devilable DA 3-22-61 U.S., MI DVA3-1-56 W.L.Box.etal,(S)   | W.L. Box, etal(S)   | U.S., MI<br>W.L Box,efal(S)  | 1 8                       | Wm. Piersonelal   | Nm.Pierson<br>A ton Ainswor<br>A 365                       |
| E.L. Royal<br>6 . 1 · 77<br>2390  | R.C.Bennett<br>7: 9: 73<br>7: 8: 73   | J. P. Teles Midwest HBP 0404822 [KGS]  | Mainchie Gen'l Energy C.W. Trainer 12-1-73 12-1-73 12-1-73 13-   | Alama<br>HBP<br>067891<br>Mobil<br>DJ:Stone 1/2   | F. Morrell<br>H.B.P.<br>063623   | R.C.                      | Surf. All Sec.  |  |
| On L. Brown On H. D.J. Days 15 orenson  | J. M. Brown, M.I.<br>Donald L. Brown, S<br>IR.C. Bennett<br>6:9:73   T. 9:73  | Assoc. Buser Feet  0.6.6 Tolker 5-6  1.2 Feet Buser Feet  R.S. Cooley   Deuts Seet Police   Deuts Seet Pol | 0.5. MI<br>W.L. Box, et al. S)<br>Works 125 U.S<br>W.L. Box, et al. S)<br>Works 133<br>Works 133<br>Work | # BEst. of Pollie   | Jesse M 10'08 Ar 9,  |                           |   | J.E.Lin  |
| OR H. D.J.<br>Davis Sorenson<br>etal 70000-1-71<br>010518 0189083<br>U.S., MI<br>Bill Miller, S       | 8-23-73 B-23-73 B-23-7  | (Heep 011)  H.B.P.  068035  08035  0559271-  1van Brown, 5.  | KGS US STORY OF THE STORY OF TH   | U.S., MI Atlantic 11: 2:69 W.L. Box,etal(S) NoraCaywood MI  | Atlantic  More Coursed MI.  ML Box   | Williams                  |   | Chas E.Sp<br>Alton Ainsw                                   |
| Sinclair<br>10-1-71<br>0189083  | S.R. No-<br>ble Fdn., MI<br>G.T. Hall, MI   | V.S.M.I.<br>Ivan L. Brown 1 (Aikman Bros.)<br>Western Drig.<br>HBP<br>067693   | Trainer (Devenien 0il) Fed Trainer (\$\frac{1}{2}\) 2.75 Mil. 10 11 75 0s. R.S. Cooley 068035  | Atlantic Atlantic 12 · 24 · 69  | 45 66 Ar AT B C A B B P C C A B B P C C A B B C A C A B C A C A C A C A C A  | Amer.<br>8. Wheeler       | 4 . 25 . 68   | Allied Chem.   |
| U.S., MI<br>Bill Miller<br>E.L. Royal   | C. H. Devis MI,<br>Gerdon M Cene MI,<br>Ted Gendy, S. 4<br>D.J. Sorenson E.L. Royal<br>7 · 1 · 76   6 · 1 · 77  | R.S. Cooley 10 · 1 · 65 ad "Toles-Fed" 13 These Oil) R.S. Cooley   | R.S. Cooley (Grt. West'n. D/R) Mobil   | L. Reede J.L. Brown J.L. Reede J.L. Brown S. R. S. Cooley I R. S. Cooley etc.   | +447/AF-16.  | Pan Ar<br>HBP<br>John A.W | (Dob Oil Prop.)   | D/A  |
| 2390<br>MI<br>.Bilbrey, S   | U.S., MI<br>W.P. Bilbrey  | 068035<br>Brown 35<br>U.S. MI 22Mistyl<br>Ivan Brown S. J.M. Brown, S  | ** Document of the state of the   | DJ.Sfore Mobil N.M.03318<br>025725 U.S., MI<br>J.L. Reed & J.M. Brown, S  | 73797e 4<br> Aikman<br> 4   19 70<br> 5   19 70<br> 5  5 |                           | Sylvia Thompson  "R.E. She A-208 B.C. Che   | Sohio  |
| U.S. M.P. E.L.<br>Mr.CNOwn Royal<br>6-1-77<br>2390  | Marathon J.R. M <sup>c</sup> Dermott<br>HBP R.S. Cooley<br>H.B.P.<br>0659 H.B.P.  | Allied Chem.   Western Drig.   HBP   | 065151 I A   | Mobil   D.J. Stone V2<br>HBP   Mobil<br>025725   0.27887  | R.S. Cooley<br>H.B.P.<br>063659  | 7 7 7 651                 | (Murchison  |  |
| U.S., MI<br>O.L. Watson Jr.<br>2<br>A.D. Solsbury<br>3 · 1 · 69                                       | W.P. Bilbrey  10/23  MCDermoth N. Bovist J. R. McDermoth R. Cooley 4-1-70(2) R.S. Cooley 065151 970518 065151  HAP  | 1080255<br>241<br>Marathan   | "Brown 51"  9 West'n Drig.   HBP D/R DIE265  | [1 35c  | West'n Drig.   | Wheeler                   | 'I J She  | Tr2  |
| U.S., MI<br>W. E. Bilbrey   | Wilson E, Bilbrey, 5  | V. Green U.S. PIGO 10hie-Fed   | Westn Orlg Troilses All A<br>Amorillo M.D. All S. FEd-<br>065151 QUMBrown Kelly"   | U.S., MI U.S. Temple \$\frac{1}{2} \text{Edwards, S} J.M. Brown, (S   | Gr. West'n, Fed. 7   | Pan Amer.<br>HBP          | (Murchison E.M<br>(Humble)  | allory) •66  |
| 5. M.I.   | Sinclair   D.G.McCormich   HBP   7-1-57 (2)   063427   078642   U.S.   Sinclair   H.B.P.  | D.6. McCormick   Sinclair   063427   06 | West'n Drig. Mobil DJ.Stonetoc59 Pearson-Sibert 1.3 Mil etal (Ohio D/R) M*Dermoth  | Socony Mobil HBPMobil, Western Drig. 067762etal O3318 Mobil D.J. Mobil D.J. Western Drig.   | R.S.Cooley<br>063659   |                           | "HIII,etc."<br>E1.3958<br>TD.5203<br>D/A6-10-04   | Tr2  |
| Bilbrey (5)   | 063427<br>26<br>U.S., MI<br>Mack C. Gandy, S  | West in North Help Was 1838 Sept 183 | R.S. Cooley West'n, Drig.  | D.G. McCormick 1  |  | = 2                       | (Murchis  | errill et al " man,(S) Plyil vance son & Mallory)          |
| Ry., MI<br>I-rson, S  | Sinclair  053417  Jne. W Marr  Anderser   | "Carruth" U.S., MI W.H. Anderson, S  | ** Grt. West'n. Fed.   | Tempre in Lawards, 5 Carrage  | Fed. 7 Ted Gandy.(S)   | Pan Amer.<br>Landreth     | (Hun  | (side  |
|   | Sincloir<br>188 17<br>188 | Getty<br>2 · 20 · 78<br>L · 624 (T.Schneiden kolski<br>55 th Union<br>5 · 15 · 72  | (Livermore)  | Aztec Boel Halpin<br>10:17:77 E-4025<br>06:1506 2:334 E-4025<br>(So. Union)   | 2  | 1S                        | 12 L.J. Sher  | e52 e72  |
| 4<br>a Fe Ry., MI<br>Anderson, S  | 35<br>Santa Fa Ry., MI<br>W.H. Anderson, S  | Union 1 36 60.18 1: 19:70   K: 381   42:50   McCormick-State   | "I/mon-Fed" \$3<br>0.4. Anderson(s)<br>31<br>Pearson-Sibert, et al 5/R<br>063623   | 5.7 Mil. 32 Sinclair 32 Sinclair 31 "5.4025" 1.5Mil. "514" 1 Texas Pacific  | *Fed - Simmons*  | BURI                      | Pils Depco  | 49 Tr 4  |
| arr   | Sinclair  3. 69. 69. 663427  Pearl D. Marris  TOW. Marcis   | \$0, Mins.<br>12 · 20 · 70<br>K·!032 · 50\**<br>State  | U.S., MI ITMIL.<br>Tom C. Sto deleg (3)  | Sur. div.   HBP<br>State E-6113   | Ted Gandy, Jr.   | R. C                      | etal, S/R = 1   | Tr 48  |
| perior 2140 341   | So Union I M.M. Fa Mine   | 100546 4 40014: 3 400746 2 400146 1  | 13934c d 39794c 3 130554c 7 137514c 7<br>PES at MEGrath  | 1998A 4 3958A 3 3966 1 3976A 1 5 ADise. 6 Bisnish 452   | 1 (Urnen)  | I '                       | Mabel Field<br>Tam C. Stan<br>J.E. Childers   | STATE MOT  |
|   |   |  |  |   |  |                           |   |  |

PROPOSED NORTH SAWYER DISPOSAL WELL TOM L. INGRAM No. 2 STATE SW/4 NW/2 Section 32-T8S-R38E Roosevelt County, New Mexico



# HALLIBURTON DIVISION LABORATORY

HALLIBURTON COMPANY LOVINGTON, NEW MEXICO

No. W1-115-66

### LABORATORY REPORT

Date March 9, 1966

| To Tom Ingram  Box 1757  Roswell, New Mexic                   |                       | neither it no<br>published or<br>written app<br>ever, be use<br>by any pers<br>such report | nils report is the property of Halliburton Company and neither it nor any part thereof nor a copy thereof is to be published or disclosed without first securing the express written approval of laboratory management; it may however, be used in the course of regular business operations by any person or concern and employees thereof receiving such report from Halliburton Company.  Date Received |          |        |
|---|-----------------------|--|--|----------|--------|
| Well & Lease State #2   | <u> </u>              | Depth  | Formation Penr   | 1        |        |
| Location North of Jac   | ek's Bar              | Field  | Source   |          |        |
| Specific gravity 60/60 °F                                     | 1.155                 |  | Injected   | & Zone l | ン.     |
| Color, filtrate   | Clear                 |  |  |          | —      |
| pН  | 6.3                   |  |  |          |        |
| Resistivity   | 0.048                 |  |  |          |        |
| @ 75 °F   | ppm (mpl)             |  |  |          |        |
| Chlorides, C1   | 146,400               |  |  |          |        |
| Sulfates, SO4   | 1,500                 |  |  |          |        |
| Alkalinity, HCO3  | 39.5                  |  |  |          |        |
| Calcium, Ca   | 11,700                |  |  |          |        |
| Magnesium, Mg   | 3,400                 |  |  |          |        |
| Iron, Fe  | 100                   |  |  |          |        |
| Sodium, Na*   | ND                    |  |  |          |        |
| Sulfides, H2S   | Nil                   |  |  |          |        |
| Remarks   |                       |  |  |          |        |
| ppm equals Parts per million t<br>* includes Potassium as Na. | uncorrected or millig | rams per liter   |  |          |        |
| Laboratory Analyst  |                       | Respectfully   |  |          | . /    |
| Brewer  | <b></b>               | HALLIBUR   | Step Step  | nmæ & // | 7<br>! |

By Rex L. Hammack, Jr., Division Chemist

HALLIBURTON COMPANY LOVINGTON, NEW MEXICO

No. W1-84-66

### LABORATORY REPORT

Date February 22, 1966

| Tom Ingram  Box 1757  |                      | neither it nor any part thereof nor a copy thereof is to be published or disclosed without first securing the express written approval of laboratory management; it may however, be used in the course of regular business operations by any person or concern and employees thereof receiving such report from Halliburton Company. |                    |  |  |
|---|----------------------|--|--------------------|--|--|
| Roswell, New Mexic  | 0                    | Date Rec   | eived              |  |  |
| Well & Lease Atlantic   | State #2             | Depth  | Formation Devonian |  |  |
| Location  |                      | Field  | Source             |  |  |
| Specific gravity 60/60 •F                                     | 1.076                |  | Produced W.        |  |  |
| Color, filtrate   | Clear - Slig         | htly Turbid  |                    |  |  |
| pН  | 6.1                  |  | ,                  |  |  |
| Resistivity   | 0.091                |  |                    |  |  |
| <i>®</i> 66 °F  | ppm (mpl)            |  |                    |  |  |
| Chlorides, C1   | 65,200               |  |                    |  |  |
| Sulfates, SO4   | 1,100                |  |                    |  |  |
| Alkalinity, HCO3  | 245                  |  |                    |  |  |
| Calcium, Ca   | 6,720                |  |                    |  |  |
| Magnesium, Mg   | 1,070                | •  |                    |  |  |
| Iron, Fe  | .75                  |  |                    |  |  |
| Sodium, Na*   | ND                   |  |                    |  |  |
| Sulfides, H2S   | Nil                  |  |                    |  |  |
| Remarks   |                      |  |                    |  |  |
| ppm equals Parts per million t<br>* includes Potassium as Na. | uncorrected or milli | grams per liter  |                    |  |  |
| Laboratory Analyst<br>Hammack                                 |                      | Respectfully sub   | /                  |  |  |
| 11GBM12 CR  | ••                   | HALLIBURTO<br>, 🎉  | Tex frommarks      |  |  |
|   |                      |  | The Mindeleto.     |  |  |

By Rex L. Hamnack, Jr., Division Chemist

## APPLICATION FOR RIGHT-OF-WAY EASEMENT

### QUESTIONNAIRE TO BE COMPLETED IN CONNECTION WITH SALT WATER DISPOSAL WELL EASEMENT

| 1.  | What is the mineral ownership of the land from which the salt water      |
|-----|--|
|     | will be produced? Private 7, State 100 7, Federal 7.                     |
| 2.  | What is the approximate number of barrels of salt water that will be     |
|     | injected into the well per day? 600                                      |
| 3.  | What is the formation into which the salt water will be injected?        |
|     | Canyon (Pennsylvanian)   |
| 4.  | Have you enclosed consent of the oil and gas lessee for the use as a     |
|     | salt water disposal well? Request attached hereto.                       |
|     |  |
| REI | MARKS: Both the produced well and the disposal well are located on State |
|     | Lease K-2610. No oil has been produced from the proposed injected zone   |
|     | within five miles of the well site. The surface lessee is M. E. Bilbrey. |
|     |  |
|     |  |
|     |  |
|     |  |
|     |  |
|     |  |
|     |  |
|     | 1 00   |
|     | Signed By:   |
|     | Tom L. Ingram  |
|     | FOR OFFICE USE ONLY  |
|     |  |
|     |  |
|     |  |
|     |  |

### TOM L. INGRAM

IDD SOUTH KENTUCKY AVENUE

Secember 4. 1983

Atlantic Sichfield Company P. O. Sex 1978 Roswell, New Mexico 88201

Hr. L. H. Tyson
Wilkinson-Foster Building
Hidland, Toxos

Mr. L. W. Armour, Jr. 135 South LaSalle Street, Suite 1940 Chicago, Illinois 60603

P. 0. Sex 1031 Midland, Texas 79701

Re Sait Water Disposal Wall North Sawyer Devonlan Roosevelt County, New Hexico

Gentlemen:

I am attaching hereto a copy of Form C-108 and accompanying data for the converting of the Tom L. Ingram #2 State to a Salt Water Disposal Well. In accordance with Rule 701-C, I am notifying each of you as to my intentions.

As January 1, 1969 is the deadline for the elimination of surface disposal, I am requesting that each of you execute this letter indicating that you have no objections to my proposal and returning it to me as soon as possible.

Very truly yours,

Tom L. Ingram

TLI\*pos Attacim.

APPROVED BY:

DATED:

cc State of New Mexico State Engineers Office P. O. Box 1717 Roswell, New Mexico 88201

Attention: Mr. Fred Hennighausen