



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION

GARREY CARRUTHERS  
GOVERNOR

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87504  
(505) 827-5800

December 4, 1990

Orla Petco Inc.  
P.O. Box 1383  
Midland, Texas 79702

Attention: Joseph Roybal

Re: Amendment of Division  
Order No. R-6057

Dear Mr. Roybal:

Reference is made to your request dated October 15, 1990, to increase the injection interval in the Gourley Federal Well No. 4 located in Unit J of Section 31, Township 22 South, Range 28 East, NMPM, Eddy County, New Mexico. It is our understanding that this well was approved for salt water disposal into the Delaware formation by Division Order No. R-6057. It is further our understanding that the proposed additional perforations, from approximately 2,580 feet to 2,592 feet are within the approved Delaware formation.

You are hereby authorized to increase the injection interval in the subject well to include that interval from approximately 2,580 feet to 2,592 feet. All other provisions contained within Division Order No. R-6057 shall remain in full force and effect.

Sincerely,

William J. LeMay  
Director

xc: Case File-6562 ✓  
OCD Artesia Office

OIL CONSERVATION DIVISION  
RECEIVED

ORLA PETCO, INC.

'90 OCT 18 AM 9 43

P. O. BOX 1383, MIDLAND, TEXAS 79702  
TELEPHONE 915 684-4762

October 15, 1990

Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87504-2088

Attn: David Catanach

*Gorley ? R 6057*  
*Case 6562*  
*2486-2508*  
Re: Gorley Federal No. 4  
Unit J, Section 31,  
T-22-S, R-28-E, Eddy  
County, New Mexico

Dear David,

Under Case No. 6562, Division Order No. R-6057 the referenced well was approved by the Oil Conservation Division as a disposal well. This order approved the injection of produced water into an open hole section from 2,486' to 2,508'. Subsequent reworking of the well resulted in a liner being set from 2,434' through 2,604' and a new injection interval of 2,556' to 2,566'. Administrative approval for the new injection interval was requested and subsequently granted by Joe D. Ramey by letter dated October 24, 1979.

Orla Petco hereby requests approval from the Oil Conservation Division to perforate, treat and dispose into a porous interval from 2,580' thru 2,592'. Form C-103 along with a schematic and log are enclosed for your review. Should you require any further information, please feel free to contact me.

Very truly yours,

*Joseph Roybal*

Joseph Roybal  
Vice President

JR/st

*TOP-2390*  
*Bert Canyon*

Submit 3 Copies  
to Appropriate  
District Office

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-103  
Revised 1-1-89

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

|   |
|---|
| WELL API NO.  |
| 5. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil & Gas Lease No.<br>NM-26684  |

SUNDRY NOTICES AND REPORTS ON WELLS  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A  
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"  
(FORM C-101) FOR SUCH PROPOSALS.)

|  |
|--|
| 7. Lease Name or Unit Agreement Name<br><br>Gorley Federal |
|--|

|  |
|--|
| 1. Type of Well:<br>OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Disposal |
|--|

|   |
|---|
| 2. Name of Operator<br>Orla Petco, Inc. |
|---|

|                  |
|------------------|
| 8. Well No.<br>4 |
|------------------|

|  |
|--|
| 3. Address of Operator<br>P. O. Box 1383, Midland, Texas 79702 |
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|--|
| 9. Pool name or Wildcat<br>Herradura Bend (Delaware) |
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|--|
| 4. Well Location<br>Unit Letter <u>J</u> : <u>2310</u> Feet From The <u>South</u> Line and <u>1650</u> Feet From The <u>East</u> Line<br>Section <u>31</u> Township <u>22-S</u> Range <u>28-E</u> NMPM Eddy County |
|--|

|   |
|---|
| 10. Elevation (Show whether DF, RKB, RT, GR, etc.)<br>3068.0 GL |
|---|

|   |
|---|
| 11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data                       |
| NOTICE OF INTENTION TO:   |
| PERFORM REMEDIAL WORK <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> |
| TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>                  |
| PULL OR ALTER CASING <input type="checkbox"/>   |
| OTHER: _____ <input type="checkbox"/>   |
| SUBSEQUENT REPORT OF:   |
| REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/>                     |
| COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/>      |
| CASING TEST AND CEMENT JOB <input type="checkbox"/>   |
| OTHER: _____ <input type="checkbox"/>   |

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Orla Petco proposes to perforate and acidize a sand section (2580-92) 14' below the current disposal zone (2556-66). A log with well schematic is enclosed.

Orriginal OCD approval was case No. 6562, Order No. R-6057 dated July 30, 1979 with subsequent administrative approval on October 24, 1979 by Joe D. Ramy.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

|   |                             |                     |
|---|-----------------------------|---------------------|
| SIGNATURE <u>Joseph Roybal</u>          | TITLE <u>Vice President</u> | DATE <u>9/17/90</u> |
| TYPE OR PRINT NAME <u>Joseph Roybal</u> | <u>915-684-4762</u>         | TELEPHONE NO.       |

(This space for State Use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

Orla Petco, Inc., Gorley Feder No. 4  
2310' FSL & 1650' FEL of Sec. 31,  
T-22-S, R-28-E, Eddy County, New Mexico

Casing Collars

Correct Depth

8 5/8, 20# @ 355' w 250 sx, circ.

Tension Packer @ 2318'  
2 3/8, 4.7# Plastic coated @ 2349'

4 1/2, 9.5# @ 2486' w 400 sx, circ.

2 7/8, 6.4# liner hung @ 2434' inside  
3 7/8 hole, cemented w 20 sx.

Gamma Ray

4-1/2" CSG  
2,486'

ACOUSTIC

Old perfs. 8/27/79  
2556-66 - 2 SPF  
500 gal. 15% NE  
reperfed 4/9/85  
2556-66 - 2 SPF  
1000 gal. 15% NE

Proposed perfs.  
2580-92 - 2 SPF  
1000 gal. 15% NE

PBTD 2604

TD 2618

2400

2450

2500

2550

2600

