

RELEASE 6.21.93



OIL CONSERVATION DIVISION  
RECEIVED

'93 JUN 7 AM 9 55

June 3, 1993

Mr. William LeMay  
Division Director  
Oil Conservation Division  
New Mexico Energy and Minerals Department  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Dear Mr. LeMay:

Enclosed herewith, in triplicate, is the application of Marbob Energy Corporation for authority to convert to water disposal the Dodd well No. 1 located 1980 feet from the South line and 1980 feet from the East line of Section 22, Township 17 South, Range 29 East, N.M.P.M., Eddy County, New Mexico.

Waters to be disposed of will consist of Grayburg, and San Andres production water from the Grayburg Jackson Seven Rivers, Queen, Grayburg, San Andres Pool.

Application is made pursuant to Rule 701 D of the Division Rules Regulations for Administrative Approval for disposal into the Upper Pennsylvanian formation which is nonproductive of oil or gas within a radius of one half mile from the proposed injection well.

Publication of Marbob's intent to utilize the subject well for water disposal has been made in the Artesia Daily Press, and copies of this application have been furnished to each leasehold operator within one half mile of the well. The United States of America is the owner of the surface of the land upon which the well is located.

Your approval of the subject application at the expiration of the required 15-day waiting period is respectfully requested.

Sincerely,

Raye Miller  
Land Department

RM/mm  
Enclosures

BEFORE THE NEW MEXICO OIL CONSERVATION DIVISION  
APPLICATION FOR ADMINISTRATIVE APPROVAL  
MARBOB ENERGY CORPORATION  
FOR CONVERSION TO WATER DISPOSAL  
THE  
DODD WELL NO. 1

Located 1980' FSL 1980' FEL Sec. 22, T-17S, R-29E  
Eddy County, New Mexico

TABLE OF CONTENTS

| ITEM  | ATTACHMENT    |
|---|---------------|
| Application.....                              | Form C-108    |
| Injection Well Data Sheet.....                | C-108 III     |
| Map of Area Showing Well & Lease Ownership... | C-108 V       |
| Well Data.....                                | C-108 VI      |
| Data Sheet.....                               | C-108 VII     |
| Disposal Water Analysis.....                  | C-108 VII (a) |
| Geological Data.....                          | C-108 VIII    |
| Stimulation Program.....                      | C-108 IX      |
| Logging and Test Data.....                    | C-108 X       |
| Fresh Water Analysis.....                     | C-108 XI      |
| Affirmative Statement.....                    | C-108 XII     |
| Proof of Notice (to Offset Operators).....    | C-108 XIV (a) |
| Proof of Notice (by publication).....         | C-108 XIV (b) |

## WELL DATA

A review of the records indicate there are no wells which have been drilled to the depth of the proposed disposal zone within the area of review.

Attachment C-108 VI

## DATA SHEET

(Section VII, Form C-108)

1. Proposed Rate of Injection
  - A. Average daily rate of injection: 2000 barrels
  - B. Maximum daily rate of injection: 5000 barrels
2. Type of System

System will be closed
3. Anticipated Injection Pressure

It is anticipated that the injection pressure will be nominal but in no event would the pressure exceed 0.2 psi per foot of depth to the top of the injection zone at 9056 feet, or 1811 psi.
4. Source of Injection Water

Source of disposal water is Seven Rivers, Grayburg, and San Andres wells located in Sections 10, 11, 14, 15, and 22, of Township 17 South, Range 29 East. See Attachment VII (a) for analysis of disposal water.
5. Disposal Zone Water Analysis

Disposal is to be into a zone not productive of oil or gas within one mile of the proposed well. A review of the records revealed that there are not any analysis of water from this zone on file. Water analysis records were checked with Halliburton to no avail. A review was made with Mark Ashley of the Artesia Oil Conservation Division for material on this zone in this area. We anticipate that the formation water will contain lower chlorides than our disposal water but that it will be compatible with the formation since this zone is currently being used for disposal of similar produced water in a disposal well less than one mile away in unit letter E of Section 27, Township 17 South, Range 29 East.

Attachment C-108 VII

**STIMULATION PROGRAM**  
(Section IX, Form C-108)

The proposed injection well was originally drilled in March, 1971 as a Morrow test. Eleven and three-quarters inch casing was set at 285' with 250 sacks of cement which was brought back to surface. An 11 1/4" hole was drilled to 3500 where 8 5/8" casing was cemented with 400 sacks. A 7 7/8" hole was drilled to TD of 10,880'. Cement plugs were set at 10200-10300, 8800-8900, 7200-7300, 5400-5500, and 3450-3550. Plugs were also set at 1160-1270 and 225-275 after 8 5/8 was pulled at 1223'. It is proposed to drill out cement to 3450'. We will then attempt to tie back into the 8 5/8 casing to surface and cement it to surface. The hole will be cleaned out to a depth below 9600 feet subsurface. Five and one-half inch casing will be run with cement brought up above 6600 feet. The injection interval will be perforated and cleaned up with 1000 gallons of 15% NE acid if needed.

LOGGING AND TESTING DATA  
(Section X, Form C-108)

The Electric Log run on the subject well on April 26, 1971 is included in Section VIII as part of Exhibit II. The DST taken at our proposed injection depth is also shown in Exhibit II of Section VIII.

## FRESH WATER ANALYSIS

(Section XI, Form C-108)

As indicated by Section VIII there were no records found on fresh water wells in this area. Our search of the area found one water well in Section 35. The well was abandoned. This well is located in the NW/4 of the NE/4 of Section 35. We asked the owner about the well and he indicated the well had not been used in years because "the water was no good". Also, there is a stock water well located in the NW/4 of the NW/4 of Section 22. This well is about 120' in depth. A copy of the water analysis taken from this well is attached as Exhibit A. Those are the only two water wells within a 2 mile radius of the proposed well.

## HALLIBURTON DIVISION LABORATORY

EXHIBIT A

HALLIBURTON SERVICES

(Section XI, Form C-108)

ARTESIA DISTRICT

MAY 25 1993

## LABORATORY REPORT

No. W171-93TO Marbob Energy CorporationDate May 23, 1993P. O. Box 304Artesia, NM 88210

This report is the property of Halliburton Services 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 Services.

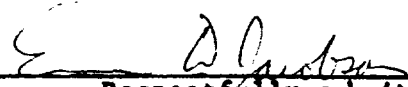
Submitted by \_\_\_\_\_ Date Rec. May 22, 1993Well No. Water Well Depth \_\_\_\_\_ Formation \_\_\_\_\_Field Barnesville Draw Road County \_\_\_\_\_ Source \_\_\_\_\_Resistivity ..... 7.03 @ 70°Specific Gravity .. 1.0015 @ 70°pH ..... 7.8Calcium ..... 2,761Magnesium ..... 983Chlorides ..... 500Sulfates ..... 200Bicarbonates ..... 488Soluble Iron ..... 0

-----

-----

-----

Remarks:

  
Respectfully submittedAnalyst: Eric Jacobson - Operations Engineer

HALLIBURTON SERVICES

## NOTICE:

This report is for information only and the content is limited to the sample described. Halliburton makes no warranties, express or implied, as to the accuracy of the contents or results. Any user of this report agrees Halliburton shall not be liable for any loss or damage, regardless of cause, including any act or omission of Halliburton, resulting from the use hereof.



## AFFIRMATIVE STATEMENT

(Section XII, Form C-108)

Applicant hereby affirms that he has examined the available geologic and engineering data and finds no evidence of open faults or other hydrologic connection between the disposal zone and any underground source of drinking water.

APPLICATION FOR AUTHORIZATION TO INJECT

- I. Purpose: ☐ Secondary Recovery ☐ Pressure Maintenance ☒ Disposal ☐ Storage  
Application qualifies for administrative approval? ☐ yes ☐ no
- II. Operator: Marbob Energy Corporation  
Address: P. O. Drawer 217, Artesia, New Mexico 88210  
Contact party: Raye Miller Phone: 505/748-3303
- III. Well data: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.
- IV. Is this an expansion of an existing project? ☐ yes ☒ no  
If yes, give the Division order number authorizing the project \_\_\_\_\_.
- V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
- \* VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
- VII. Attach data on the proposed operation, including:
1. Proposed average and maximum daily rate and volume of fluids to be injected;
  2. Whether the system is open or closed;
  3. Proposed average and maximum injection pressure;
  4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and
  5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
- \*VIII. Attach appropriate geological data on the injection zone including appropriate lithologic detail, geological name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such source known to be immediately underlying the injection interval.
- IX. Describe the proposed stimulation program, if any.
- \* X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division they need not be resubmitted.)
- \* XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
- XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.
- XIV. Certification
- I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.
- Name: Raye Miller Title: Attorney-in-Fact  
Signature: Raye Miller Date: 6/3/93
- \* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be duplicated and resubmitted. Please show the date and circumstance of the earlier submittal.

| OPERATOR                  |                   | LEASE   |          |       |
|---------------------------|-------------------|---------|----------|-------|
| Marbob Energy Corporation |                   | Dodd    |          |       |
| WELL NO.                  | FOOTAGE LOCATION  | SECTION | TOWNSHIP | RANGE |
| 1                         | 1980 FSL 1980 FEL | 22      | 17S      | 29E   |

SchematicTabular DataSurface CasingSize 11 3/4 " Cemented with 250 sq.TOC Surface feet determined by circulatedHole size 17 1/2Intermediate CasingSize 8 5/8 " Cemented with 400 sq.TOC unknown feet determined by \_\_\_\_\_Hole size 11Long stringSize None " Cemented with \_\_\_\_\_ sq.

TOC \_\_\_\_\_ feet determined by \_\_\_\_\_

Hole size 7 7/8Total depth 10,880Injection interval9056 feet to 9470 feet  
(perforated or open-hole, indicate which)11 3/4  
@ 285'Open Hole  
Stub @ 1223'

8 5/8 @ 3500'

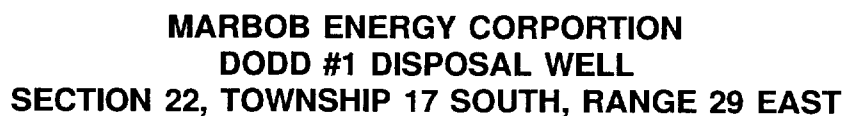
Open hole  
with cement  
plugs to  
TD 10,880'

Tubing size 2 7/8" lined with plastic coating set in a  
(material)  
Giberson Uni VI packer at 9000' feet  
(brand and model)

(or describe any other casing-tubing seal).

Other Data

- Name of the injection formation Upper Pennsylvanian
- Name of field or Pool (if applicable) N/A
- Is this a new well drilled for injection? ☐ Yes ☒ No  
If no, for what purpose was the well originally drilled? Oil and gas production.
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) Cement plugs set as follows: 3450-3550, 5400-5500, 7200-7300, 8800-8900, 10,200-10,300.
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. Underlying pools Grayburg Morrow producing from 10,770', Grayburg Atoka North producing from 10,342'. Overlying pool Grayburg Jackson Seven Rivers, Queen, Grayburg, San Andres producing from 2100' to 3300'.



## HALLIBURTON DIVISION LABORATORY

EXHIBIT A

## HALLIBURTON SERVICES

(Section VII, C-108)

## ARTESIA DISTRICT

## LABORATORY REPORT

No. W167 & W168-93TO Marbob Energy CorporationDate May 20, 1993P. O. Box 304Artesia, NM 88210

This report is the property of Halliburton Services 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 Services.

Submitted by \_\_\_\_\_ Date Rec. \_\_\_\_\_

Well No. \_\_\_\_\_ Depth \_\_\_\_\_ Formation \_\_\_\_\_

Field \_\_\_\_\_ County \_\_\_\_\_ Source \_\_\_\_\_

|                     |                     |  |                     |
|---------------------|---------------------|--|---------------------|
|                     | <u>Burch Keely</u>  |  | <u>Mary Dodd A</u>  |
| Resistivity .....   | <u>0.066 @ 70°</u>  |  | <u>0.060 @ 70°</u>  |
| Specific Gravity .. | <u>1.0979 @ 70°</u> |  | <u>1.1250 @ 70°</u> |
| pH .....            | <u>7.0</u>          |  | <u>7.0</u>          |
| Calcium .....       | <u>4,379</u>        |  | <u>3,332</u>        |
| Magnesium .....     | <u>2,081</u>        |  | <u>2,890</u>        |
| Chlorides .....     | <u>84,000</u>       |  | <u>111,000</u>      |
| Sulfates .....      | <u>1,000</u>        |  | <u>400</u>          |
| Bicarbonates .....  | <u>976</u>          |  | <u>1,403</u>        |
| Soluble Iron .....  | <u>0</u>            |  | <u>0</u>            |
| -----               | -----               |  | -----               |
| -----               | -----               |  | -----               |
| -----               | -----               |  | -----               |

Remarks:

  
Respectfully submittedAnalyst: Eric Jacobson - Operations Engineer

HALLIBURTON SERVICES

## NOTICE:

This report is for information only and the content is limited to the sample described. Halliburton makes no warranties, express or implied, as to the accuracy of the contents or results. Any user of this report agrees Halliburton shall not be liable for any loss or damage, regardless of cause, including any act or omission of Halliburton, resulting from the use hereof.

**Jack Ahlen**  
CONSULTING GEOLOGIST  
533 PETROLEUM BUILDING  
ROSWELL, NEW MEXICO 88201

2 June 1993

Marbob Energy Corporation  
P.O. Box 217  
Artesia, NM 88210-0217

Re: Administrative Approval  
for Water Disposal,  
Your Dodd #1,  
NWSE Sec. 22 T17S R29E  
Eddy County, New Mexico

Gentlemen,

I have prepared two exhibits and one table in support of your request for a water disposal well into the Pennsylvanian Formation at a depth of 9055' to 9470' in the above referenced well.

Exhibit I is a structure map at the top of the proposed disposal zone. All wells which have penetrated the disposal zone have been marked as indicated in the legend. The map shows regional dip to the southeast into the Delaware Basin with local terracing which is associated with upper Pennsylvanian reefing. Disposal would be into reef equivalent beds.

Exhibit II is a north south structure cross section through the proposed disposal well and the ARCO Jackson Federal #1 on the south and the DEPCO Conoco State Com. #1 to the north. The ARCO well produced 31,497 Bbls of oil and 60,327 MCFG from the disposal zone for a period of 18 months ending May 1986. The DEPCO well has produced 4,631 BO and 303,739 MCFG from 1972 through Dec. 31, 1992. Water was tested from the disposal zone in the Dodd #1. The cross section shows the stratigraphic and structural relationships of the overlying and underlying beds as well as perforation and drill stem tests.

The proposed disposal zone has been utilized in the past as a source of water in secondary flooding of the overlying Grayburg and San Andres formations. A total of 1,607,031 Bbls of water has been produced from the equivalent zone in the Marbob Keely B #24 well located in unit M Sec. 24 T17S R29E approximately 1.5 miles to the east. Part of the water being injected into this well will have come from that source. No compatability problems are expected because of this relationship.

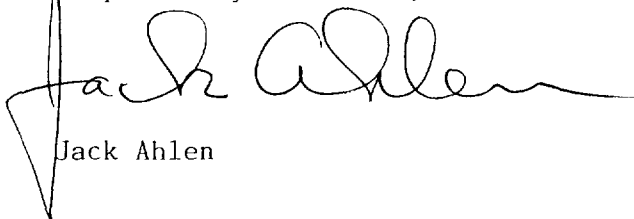
I have examined all available records and data and find that no other well has been drilled within a half mile radius which penetrates the proposed disposal zone. No wells other than the previously mentioned ARCO and DEPCO wells have produced commercial quantities of oil within a two mile radius of the proposed disposal well.

Appendix A tabulates all wells drilled through the zone of interest within two miles of the proposed disposal well.

A search of the State Engineers Office in Roswell reveals the above referenced water disposal system lies outside all declared underground water basins. One fresh water well has been drilled in the area of review in unit B of Sec. 35 T17S R29E. It was abandoned as no potable water was discovered. Ranchers use a fresh water pipeline for domestic purposes in this area.

Your request appears to meet the geological requirements for administrative approval of this project.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Jack Ahlen". The signature is fluid and cursive, with a long horizontal stroke extending to the right. It is positioned above the printed name "Jack Ahlen".

Jack Ahlen

Appendix A  
Deep wells within 2 mile radius of proposed disposal well.

| Well Name   | Location |      |     |     | TD     | Pay Zone   |
|---|----------|------|-----|-----|--------|--|
|   | Unit     | Sec. | Tsp | Rg  |        |  |
| Oryx Energy<br>Delta Wing Federal #2                                | N        | 11   | 17S | 29E | 10,910 | Morrow<br>10,762'-10,806'  |
| Oryx Energy<br>Little Wing Federal Com #1                           | L        | 14   | 17S | 29E | 11,025 | Morrow<br>10,728'-10,748'  |
| Oryx Energy<br>Delta Wing Federal #1                                | B        | 15   | 17S | 29E | 10,950 | Morrow<br>10,654'-10,778'  |
| Depco Inc.<br>Conoco State Com #1                                   | K        | 15   | 17S | 29E | 11,100 | Atoka<br>10,308'-10,316'<br>Cisco<br>8,768'-8,787'<br>9,820'-9,847'    |
| Sunray Mid-Continent<br>Oil Co.<br>Dodd "A" #21X                    | O        | 15   | 17S | 29E | 11,242 | Orig. P&A<br>Queen/San Andres<br>2,364'-3,416'                         |
| Brown, H.L. Jr.<br>Dodd Federal #1                                  | P        | 15   | 17S | 29E | 10,864 | Morrow<br>10,770'-10,790'  |
| Fina Oil Chem.<br>Muskegon "16" #1                                  | N        | 16   | 17S | 29E | 11,500 | P&A  |
| El Paso<br>Leonard State #3<br>Tenneco, G.J. West<br>Co-op Unit #52 | P        | 16   | 17S | 29E | 10,966 | Orig. P&A<br>Grayburg<br>San Andres<br>2,247'-2,748'                   |
| Santa Fe Energy Operating<br>Muskegon "20" State Com #1             | H        | 20   | 17S | 29E | 10,957 | Morrow<br>10,581'-10,764'  |
| Mana Resources Inc.<br>State "21" #1                                | P        | 21   | 17S | 29E | 10,835 | Morrow<br>10,748'-10774'   |
| El Paso<br>Leonard State #2<br>Tenneco Oil Co.<br>State "I" #17     | H        | 21   | 17S | 29E | 12,196 | Orig P&A<br>San Andres<br>2,650'-2,752'                                |
| Meridian Oil, Inc.<br>Leonard State Com #1                          | E        | 22   | 17S | 29E | 11,441 | Atoka<br>10,342'-10,360'<br>10,680'-10,760'                            |
| Moran Drlg. & Prod. Corp<br>Dodd #1                                 | J        | 22   | 17S | 29E | 10,880 | P&A  |
| General American Oil<br>Co. of Texas<br>Burch "C" #15               | D        | 23   | 17S | 29E | 12,260 | Orig. TA<br>San Andres<br>2,407'-3,312'                                |
| Marbob Energy Corp<br>Keely "B" #24                                 | M        | 24   | 17S | 29E | 13,341 | Orig. P&A<br>WSW Penn.<br>9,260'-9,270'<br>San Andres<br>3,452'-3,550' |



# Appendix A Continued

| Well Name  | Location |      |     |     | TD     | Pay Zone  |
|--|----------|------|-----|-----|--------|---|
|  | Unit     | Sec. | Tsp | Rg  |        |   |
| Atlantic Richfield Co.<br>Robinson Gas Com #1      | E        | 27   | 17S | 29E | 11,063 | Morrow<br>10,911'-10,929'                             |
| Atlantic Richfield Co.<br>F M Robinson Fed Com #1  | K        | 27   | 17S | 29E | 11,065 | P&A   |
| Horizon Oil & Gas<br>Co. of Texas<br>State "28" #2 | K        | 28   | 17S | 29E | 10,890 | Atoka<br>10,327'-10,341'<br>Morrow<br>10,709'-10,722' |
| Horizon Oil & Gas<br>Co. Of Texas<br>State "28" #1 | B        | 28   | 17S | 29E | 10,870 | Morrow<br>10,762'-10784'                              |
| Tenneco Oil Co.<br>Federal Com "38" #1             | C        | 33   | 17S | 29E | 11,095 | Morrow<br>10,761'-10,804'                             |
| ARCO Oil & Gas<br>Jackson Federal #1               | C        | 35   | 17S | 29E | 11,383 | Cisco<br>9,185'-9,215'                                |

LARGE FORMAT  
EXHIBIT HAS  
BEEN REMOVED  
AND IS LOCATED  
IN THE NEXT FILE

LARGE FORMAT  
EXHIBIT HAS  
BEEN REMOVED  
AND IS LOCATED  
IN THE NEXT FILE



EXHIBIT A  
(Section XIV, Form C-108)

June 3, 1993

Arco Oil and Gas  
P. O. Box 1610  
Midland, Texas 79702

Attention: Mr. John Lodge

RE: Proposed disposal well

Dear Mr. Lodge:

Enclosed please find an application for a proposed salt water disposal well located in Section 22, Township 17 South, Range 29 East, Eddy County, New Mexico. If you have any questions regarding this application, please contact me at 505/748-3303.

If you have no objection to the application, please sign below and return one copy of this letter to us.

Sincerely,

Raye Miller  
Land Department

RM/mm  
Enclosures

Arco has no objection to the proposed disposal well.

By: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_



June 3, 1993

Mack Energy Corporation  
P. O. Box 1359  
Artesia, New Mexico 88210

Attention: Mr. Jim Brown

RE: Proposed disposal well

Dear Jim:

Enclosed please find an application for a proposed salt water disposal well located in Section 22, Township 17 South, Range 29 East, Eddy County, New Mexico. If you have any questions regarding this application, please contact me at 505/748-3303.

If you have no objection to the application, please sign below and return one copy of this letter to us.

Sincerely,  
*Raye Miller*  
Raye Miller  
Land Department

RM/mm  
Enclosures

Mack Energy has no objection to the proposed disposal well.

By: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_



June 3, 1993

H. L. Brown  
P. O. Box 2237  
Midland, Texas 79702

RE: Proposed disposal well

Dear Mr. Brown:

Enclosed please find an application for a proposed salt water disposal well located in Section 22, Township 17 South, Range 29 East, Eddy County, New Mexico. If you have any questions regarding this application, please contact me at 505/748-3303.

If you have no objection to the application, please sign below and return one copy of this letter to us.

Sincerely,

A handwritten signature in black ink that reads "Raye Miller". The signature is written in a cursive, flowing style.

Raye Miller  
Land Department

RM/mm  
Enclosures

H. L. Brown has no objection to the proposed disposal well.

By: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_



EXHIBIT A  
(Section XIV, Form C-108)

June 3, 1993

Meridian Oil Company  
P. O. Box 51810  
Midland, Texas 79702

RE: Proposed disposal well

Gentlemen:

Enclosed please find an application for a proposed salt water disposal well located in Section 22, Township 17 South, Range 29 East, Eddy County, New Mexico. If you have any questions regarding this application, please contact me at 505/748-3303.

If you have no objection to the application, please sign below and return one copy of this letter to us.

Sincerely,

Raye Miller  
Land Department

RM/mm  
Enclosures

Meridian has no objection to the proposed disposal well.

By: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_



June 3, 1993

Fina Oil Company  
P. O. Box 2990  
Midland, Texas 79702

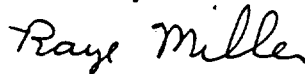
RE: Proposed disposal well

Gentlemen:

Enclosed please find an application for a proposed salt water disposal well located in Section 22, Township 17 South, Range 29 East, Eddy County, New Mexico. If you have any questions regarding this application, please contact me at 505/748-3303.

If you have no objection to the application, please sign below and return one copy of this letter to us.

Sincerely,



Raye Miller  
Land Department

RM/mm  
Enclosures

Fina has no objection to the proposed disposal well.

By: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_





June 3, 1993

Bureau of Land Management  
1717 W. Second Street  
Roswell, New Mexico 88201

Attention: Mr. Armando Lopez

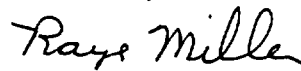
RE: Proposed disposal well

Dear Mr. Lopez:

Enclosed please find an application for a proposed salt water disposal well located in Section 22, Township 17 South, Range 29 East, Eddy County, New Mexico. If you have any questions regarding this application, please contact me at 505/748-3303.

If you have no objection to the application, please sign below and return one copy of this letter to us.

Sincerely,



Raye Miller  
Land Department

RM/mm  
Enclosures

The Bureau of Land Management has no objection to the proposed disposal well.

By: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_



June 3, 1993

Phillips Petroleum Company  
4001 Penbrook  
Odessa, Texas 79762

Attention: Mr. Troy Richard

RE: Proposed disposal well

Dear Mr. Richard:

Enclosed please find an application for a proposed salt water disposal well located in Section 22, Township 17 South, Range 29 East, Eddy County, New Mexico. If you have any questions regarding this application, please contact me at 505/748-3303.

If you have no objection to the application, please sign below and return one copy of this letter to us.

Sincerely,  
*Raye Miller*  
Raye Miller  
Land Department

RM/mm  
Enclosures

Phillips Petroleum Company has no objection to the proposed disposal well.

By: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

EXHIBIT A  
(Section XIV, Form C-108)

# Affidavit of Publication

No. 14329

STATE OF NEW MEXICO,

County of Eddy:

Gary D. Scott being duly sworn, says: That he is the Publisher of The Artesia Daily Press, a daily newspaper of general circulation, published in English at Artesia, said county and state, and that the hereto attached Legal Notice

was published in a regular and entire issue of the said Artesia Daily Press, a daily newspaper duly qualified for that purpose within the meaning of Chapter 167 of the 1937 Session Laws of the state of New Mexico for 1 consecutive weeks on the same day as follows:

First Publication May 25, 1993

Second Publication \_\_\_\_\_

Third Publication \_\_\_\_\_

Fourth Publication \_\_\_\_\_

Gary D. Scott  
Subscribed and sworn to before me this 25th day of May 19 93

Barbara Boons  
Notary Public, Eddy County, New Mexico

My Commission expires September 23, 1996

## Copy of Publication

MAY 27 1993

### LEGAL NOTICE

Notice is hereby given pursuant to Rule 701 B 3 of the New Mexico Oil Conservation Division Rules and Regulations that it is the intent of Marbob Energy Corp. to utilize the Dodd Well No. 1 located 1980 feet from the East Line and 1980 feet from the South Line of Section 22, Township 17 South, Range 29 East, NMPM, Eddy County, New Mexico for the underground disposal of produced water in the area. Disposal will average 2000 barrels per day but could go as high as 5000 barrels per day. Maximum injection pressure will not exceed 1811 pounds per square inch. Questions regarding this proposal may be directed to Raye Miller, P.O. Drawer 217, Artesia, N.M. 88210, telephone 748-3303.

Objections to this proposal or requests for hearing on the matter, together with the reasons therefore, must be filed in writing with the Oil Conservation Division, P.O. Box 2088, Santa Fe, N.M. 87501, within 15 days after date of publication of this notice. Published in the Artesia Daily Press, Artesia, N.M. May 25, 1993.

Legal 14329