

W. Thomas Kellahin
Karen Aubrey

Jason Kellahin
Of Counsel

KELLAHIN, KELLAHIN AND AUBREY

Attorneys at Law

El Patio - 117 North Guadalupe

Post Office Box 2265

Santa Fe, New Mexico 87504-2265

Telephone 982-4285
Area Code 505

April 6, 1988

"Certified Mail"

Union Texas Petroleum
375 US Highway 64
Farmington, New Mexico 87401

Tenneco Oil company
P. O. Box 3249
Englewood, Colorado 80155

Mesa Petroleum Inc.
P. O. Box 2009
Amarillo, Texas 79189

Amoco Production Company
2325 East 30th
Farmington, New Mexico 87401

Re: Application of Meridian Oil Inc. to
the New Mexico Oil Conservation Division
for Administrative Approval of its
Cedar Hill SWD #1 Well as a salt
water disposal well, Section 29,
T32N, R10W, NMPM, San Juan County,
New Mexico

Gentlemen:

Our firm is representing Meridian Oil Inc. in the referenced application. By letter dated March 21, 1988 Meridian Oil Inc. filed the referenced application with the New Mexico Oil Conservation Division and furnished each of you with a copy by certified mail.

That application showed a tentative footage location for the well as 600 feet FNL and 2100 feet FEL of Section 29, T32N, R10W, NMPM, San Juan County, New Mexico.

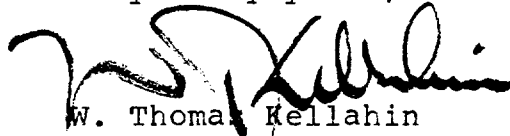
Subsequently, the well has been staked and the actual footage location is 830 feet FNL and 1775 feet FEL, Section 29, T32, R10W, NMPM, San Juan County, New Mexico.

KELLAHIN, KELLAHIN & AUBREY

Union Texas Petroleum
Tenneco Oil Company
Mesa Petroleum
Amoco Production Company
April 6, 1988
Page 2

Should you have any objection to this application or desire to file a request for a hearing of this matter, you must do so by filing a written request to be received by the New Mexico Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87504, not later than fifteen days from April 6, 1988.

Very truly yours,



W. Thomas Kellahin

WTK:ca

cc: Richard E. Fraley (Meridian-Farmington)
David Catanach (OCD-Santa Fe)

APPLICATION FOR AUTHORIZATION TO INJECT

- I. Purpose: ☐ Secondary Recovery ☐ Pressure Maintenance ☒ Disposal ☐ Storage
Application qualifies for administrative approval? ☐ yes ☐ no
- II. Operator: MERIDIAN OIL INC.
Address: PO Box 4289, Farmington, NM 87499
Contact party: R. E. Fraley Phone: (505) 326-9712
- 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. ATTACHED
- 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. ATTACHED
- * 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. NONE
- VII. Attach data on the proposed operation, including: ATTACHED
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. ATTACHED
- IX. Describe the proposed stimulation program, if any. ATTACHED.
- * X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division they need not be resubmitted.) Currently not available
- * 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. Currently not available
- 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. ATTACHED
- 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: R. E. Fraley Title Regional Production Engineer
Signature: R. E. Fraley Date: March 21, 1988
- * 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.

III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include: ATTACHED

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

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

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated. ATTACHED

- (1) The name of the injection formation and, if applicable, the field or pool name.
- (2) The injection interval and whether it is perforated or open-hole.
- (3) State if the well was drilled for injection or, if not, the original purpose of the well.
- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
- (5) Give the depth to and name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

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

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

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

Cedar Hill SWD #1

III. A. Proposed Disposal Well Data

- (1) Lease Name - Cedar Hill SWD
Well Number - 1

Location - tentative footage - 600'FNL, 2100'FEL
Section 29, T-32-N, R-10-W
San Juan County, New Mexico

830 FNL

21775

- (2) Well Bore Casing Configuration:

<u>Casing</u>	<u>Hole Size</u>	<u>Csg.Size</u>	<u>Depth Set</u>	<u>Cement Vol</u>	<u>Proposed Top/Cement</u>
Surf.Cond.	26"	20"	250'	640 sx	surface
Interm.	17 1/2"	13 3/8"	3100'	1695 sx	1st st-1500'
Drilling Liner	12 1/4"	9 5/8"	2950-5700'	880 sx.	2nd st-surf. Circ.liner top @ 2950'
Long String	8 3/4"	7"	8600'	375 sx	5550'

- (3) Injection Tubing:

Tubing size - 4 1/2" O.D., 10.5#/ft. K-55 non-coated
Setting depth - 7550'

- (4) Isolation Packer:

Packer - Size - 7"
Type - Baker
Model - "FA-1"
Seal Assembly - Type - Baker
Model - "K"

B. Proposed Well Data

- (1) Formation Name: Morrison and Entrada

- (2) Injection Intervals:

Morrison - 7550-8385' perforated
Entrada - 8400-8550' perforated

- (3) The original purpose for drilling this well is to dispose of produced water.

- (4) There are to be no additional perforated intervals in the proposed well.

- (5) There is no lower producing zones, and the next higher producing interval is the Dakota at 7260-7540'.

Cedar Hill SWD #1

VI. There are no wells penetrating the proposed depth interval within the area of review.

- VII. 1) The proposed average injection rate is estimated at 3500 bbls/day. The estimated maximum is 20,000 bbls/day. *1100 current volume*
- 2) The system will be closed.
- 3) The estimated maximum surface injection pressure is 1710 psi.
- 4) The source of injected fluid will be produced water from the Fruitland Coal formation.
- 5) Injection is for disposal purposes into a zone productive of oil and gas. The distance to the nearest well penetrating the proposed zones is greater than 5 miles. Chemical analysis of the zone formation water will be supplied when available.

VIII. The proposed injection zones are the Morrison and Entrada, both zones are sandstone. The Morrison interval is estimated @ 7540-8385' from G.L. (6060') having a thickness of 845'. The Entrada interval is estimated @ 8400-8550' from G.L. (6060') having a thickness of 150'.

The only overlying fresh water aquifer is the Ojo Alamo having an estimated base depth of 1150' from G.L. There is no fresh water known below the injection zone.

IX. The proposed stimulation program will consist of sand water fracturing of each interval using 1000 pounds of 20/40 sand per net foot of formation interval. Proppant concentration will be from 1/2 to 2 lbs./gal. The fracturing fluid will be a 40 lb./gal linear gel.

X. No logs or test data available at present.

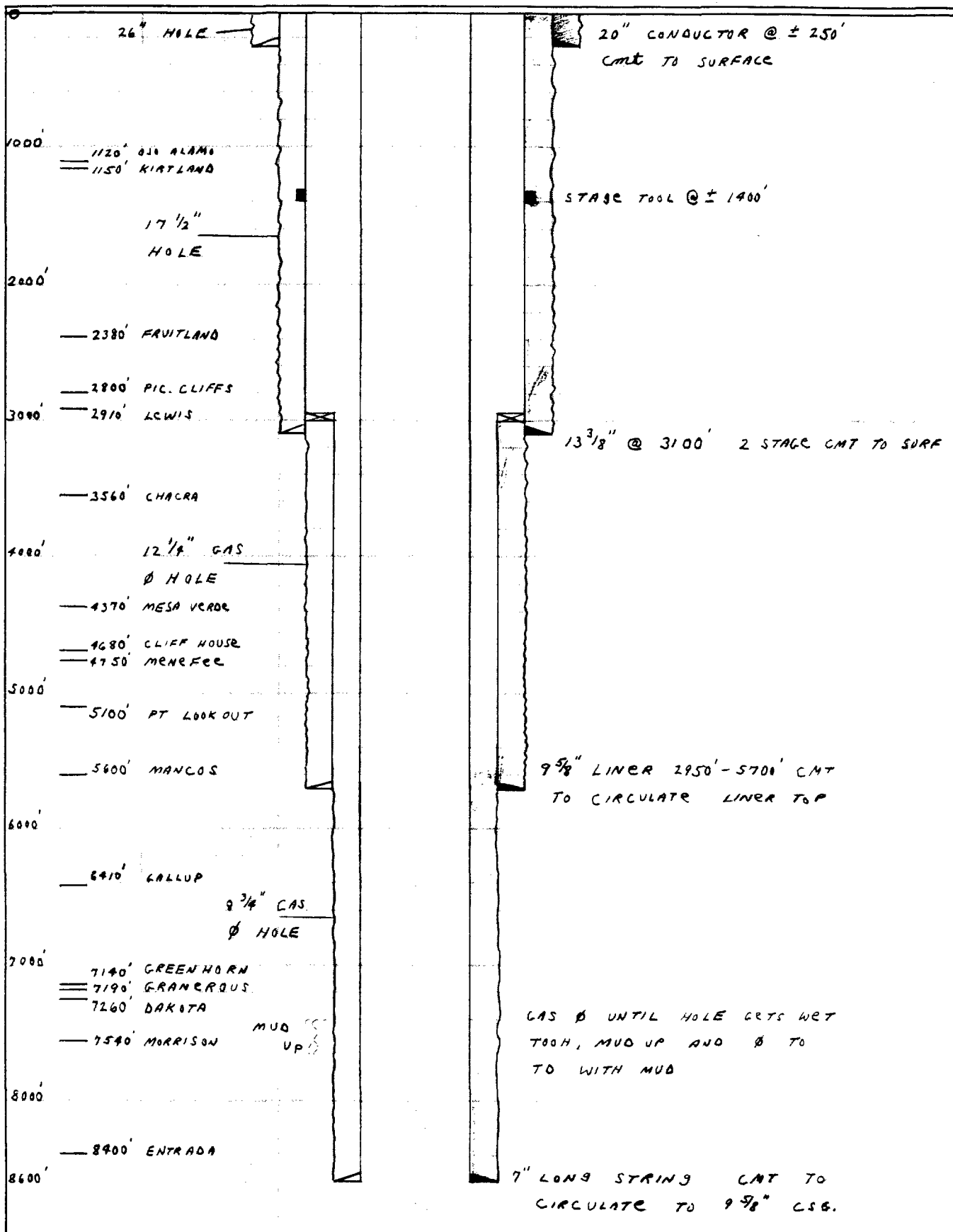
XI. Currently there are no available analyses on water wells in this area.

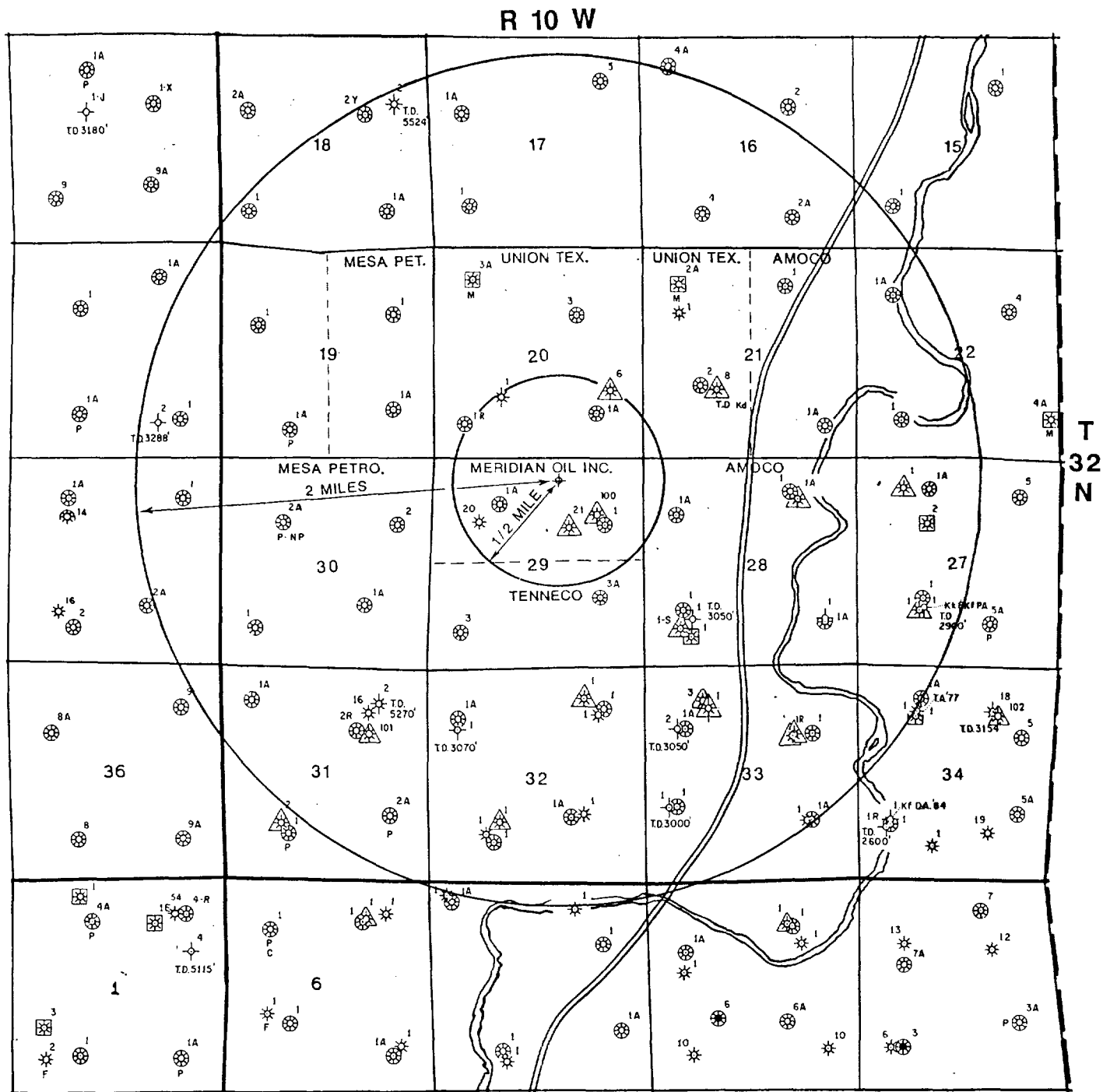
XII. An examination of geologic and engineering data indicates no evidence of open faults or any other hydrologic connection between the disposal zone and any source of drinking water. This conclusion is based on proof of isolation between upper gas and oil bearing zones within the area of review.

MERIDIAN OIL CO.
ENGINEERING CALCULATION

Sheet: 1 of 1
Date: 2/22/88
By: JOT
File: CHAU

CEDAR HILL SWD WELL #1
WELLBORE DIAGRAM





MERIDIAN OIL INC.
Cedar Hill SWD #1
NW NE 29-32N-10W
San Juan County, New Mexico

MERIDIAN OIL

*Received
March 22, 1988
D. E. Fraley*

March 21, 1988

Mr. William LeMay
New Mexico Oil Conservation Division
Post Office Box 2088
Santa Fe, New Mexico 87501

Dear Mr. LeMay:

This is a request for a salt water disposal well located in the Morrison/Entrada Formation.

It is intended to locate the Meridian Oil Inc.'s Cedar Hill SWD #1 at ~~600'~~ from the North line and ~~2100'~~ from the East line of Section 29, T-32-N, R-10-W, San Juan County, New Mexico.

A copy of this application is being submitted to all offset operators by certified mail with a request that they furnish your Santa Fe office with a Waiver of Objection, and return one copy to this office.

Attached is the C-108, with accompanying support data for this proposal.

Sincerely yours,

R.E. Fraley
R. E. Fraley

encl.

WAIVER

_____ hereby waives objection to Meridian Oil Inc.'s Cedar Hill SWD #1 as proposed above.

By: _____

Date: _____

cc: Union Texas Petroleum
Amoco Production Company
Tenneco Oil Company
Mesa Petroleum

MERIDIAN OIL

March 21, 1988

Mr. William LeMay
New Mexico Oil Conservation Division
Post Office Box 2088
Santa Fe, New Mexico 87501

Dear Mr. LeMay:

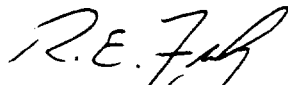
This is a request for a salt water disposal well located in the Morrison/Entrada Formation.

It is intended to locate the Meridian Oil Inc.'s Cedar Hill SWD #1 at 600' from the North line and 2100' from the East line of Section 29, T-32-N, R-10-W, San Juan County, New Mexico.

A copy of this application is being submitted to all offset operators by certified mail with a request that they furnish your Santa Fe office with a Waiver of Objection, and return one copy to this office.

Attached is the C-108, with accompanying support data for this proposal.

Sincerely yours,



R. E. Fraley

encl.

WAIVER

Union Texas Petroleum hereby waives objection to Meridian Oil Inc.'s Cedar Hill SWD #1 as proposed above.

By: W. R. Cooper

Date: 3/31/88

cc: Union Texas Petroleum
Amoco Production Company
Tenneco Oil Company
Mesa Petroleum

ATTACHMENT #1

Water Sample Analysis:

Well Name: Scott #102
 Field: Cedar Hill Fruitland Basal Coal
 Location: 940'FNL, 1585'FEL
 Section 34, T32N-R10W
 San Juan County, New Mexico



API WATER ANALYSIS REPORT FORM

Company MERIDIAN OIL COMPANY		Sample No. 1		Date Sampled 2-12-88	
Field		Legal Description		County or Parish San Juan	
Lease or Unit		Well Scott #102		Depth	
Type of Water (Produced, Supply, etc.)		Sampling Point out of separator while flowing		Sampled By Mick Ferrari	
		Formation Fr.		Water, B/D	

DISSOLVED SOLIDS

CATIONS	mg/l	me/l
Sodium, Na (calc.)	3430	149
Calcium, Ca	56	2.8
Magnesium, Mg	11	0.9
Barium, Ba		

OTHER PROPERTIES

pH
 Specific Gravity, 60/60 F. 7.61
 Resistivity (ohm-cm) 1.0110
 Conductivity 96.0 cm
 1.0 x 10³ μmho

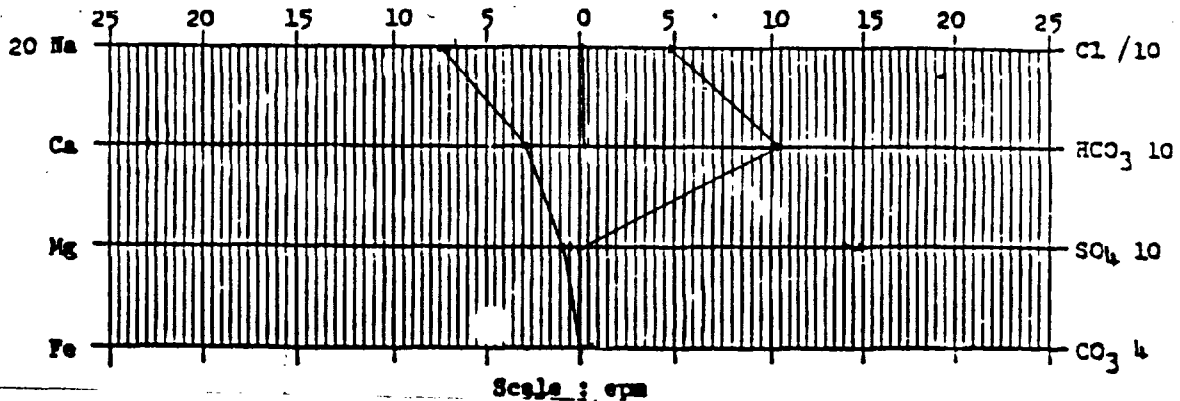
Total Dissolved Solids (calc.) 11600

ANIONS

Chloride, Cl	1730	48.9
Sulfate, SO ₄	0	0
Carbonate, CO ₃	0	0
Bicarbonate, HCO ₃	6330	104

Iron, Fe (total) 0
 Sulfide, as H₂S 0

REMARKS & RECOMMENDATIONS:



SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery *(Extra charge)†*

3. Article Addressed to: Amoco Production Company
2325 East 30th
Farmington, New Mexico 87401

4. Article Number P-484 057 427

Type of Service: ☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Addressee *M. Bedford*

8. Addressee's Address (ONLY if requested and fee paid) *Same*

6. Signature - Agent

7. Date of Delivery *4-7-88*

PS Form 3811, Mar. 1987 * U.S.G.P.O. 1987-178-268 DOMESTIC RETURN RECEIPT
Meridian - SWD

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery *(Extra charge)†*

3. Article Addressed to: Mesa Petroleum Inc.
P. O. Box 2009
Amarillo, Texas 79189

4. Article Number P-484 057 428

Type of Service: ☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Addressee

8. Addressee's Address (ONLY if requested and fee paid) *Apr 2009*

6. Signature - Agent *APR 11 1988*

7. Date of Delivery

PS Form 3811, Mar. 1987 * U.S.G.P.O. 1987-178-268 DOMESTIC RETURN RECEIPT
Meridian - SWD

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery *(Extra charge)†*

3. Article Addressed to: Tenneco Oil Company
P. O. Box 3249
Englewood, Colorado 80155

4. Article Number P484 057 429

Type of Service: ☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Addressee *W. Ortega*

8. Addressee's Address (ONLY if requested and fee paid)

6. Signature - Agent

7. Date of Delivery *4/11/88*

PS Form 3811, Mar. 1987 * U.S.G.P.O. 1987-178-268 DOMESTIC RETURN RECEIPT
Meridian - SWD

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery *(Extra charge)†*

3. Article Addressed to: Union Texas Petroleum
375 US Highway 64
Farmington, New Mexico 87401

4. Article Number P-484 057 430

Type of Service: ☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Addressee

8. Addressee's Address (ONLY if requested and fee paid)

6. Signature - Agent *4/11/88*

7. Date of Delivery

PS Form 3811, Mar. 1987 * U.S.G.P.O. 1987-178-268 DOMESTIC RETURN RECEIPT
Meridian - SWD

MERIDIAN OIL

April 8, 1988

Mr. William J. Lemay
New Mexico Oil Conservation Division
Post Office Box 2088
Santa Fe, New Mexico 87501

RE: Cedar Hill SWD #1
830'FNL & 1775'FEL
Section 29, T32N-R10W
San Juan County, New Mexico
Application For Authorization To Inject

RECEIVED
APR 11 1988
OIL CONSERVATION DIVISION

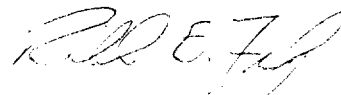
Dear Mr. LeMay,

As per our meeting with Mr. David Catanach on April 5, 1988, it was requested that Meridian Oil Inc. provide additional information pertaining to the C108 form. Specifically, the additional items requested are as follows:

- 1) A representative analysis of the water to be injected, obtained from a producing Fruitland Coal well in the area.
- 2) A listing of permitted fresh water wells within a one-mile radius of the proposed injection well, including respective water analysis if available.
- 3) Proof of notice to surface owners and leasehold operators within the revised one-half mile radius indicating the actual location footages. (The original footages as indicated on the C108 form were tentative).
- 4) Proof of publication consisting of legal advertisement within San Juan County as this application is being considered for administrative approval.

Attached are items #1 and #2. Items #3 and #4 are being provided by Kellahin, Kellahin, and Aubrey, Attorneys at Law, on Meridian Oil's behalf.

Thank You For Your Cooperation,


Richard E. Fraley

MSM/lm
Attachments

ATTACHMENT #2

Fresh water wells within a one-mile radius of the proposed Injection well.

<u>Location</u>	<u>Owner</u>	<u>Depth</u>	Conductivity <u>uMHOS</u>	<u>Date Sampled</u>
NE/SW Sec. 21, T32N-R10W	Agee	104'	1120	9-6-75
SW/SE Sec. 21, T32N-R10W	Lewis	Permitted only	-	-
SE/SE Sec. 21, T32N-R10W	Clark	Permitted only	-	-
SE/SE Sec. 21, T32N-R10W	Winters	65'	-	-
SW/NE Sec. 21, T32N-R10W	Howell	77'	-	-
SW/SE Sec. 21, T32N-R10W	Wagoner	70'	-	-
SE/SE Sec. 21, T32N-R10W	Winters	65'	-	-
SW/SW Sec. 21, T32N-R10W	Leeper	63'	-	-
NE/SE Sec. 28, T32N-R10W	Orbenson	23'	-	-
NE/SE Sec. 28, T32N-R10W	Knowlton	35'	1000	9-24-74

KELLAHIN, KELLAHIN AND AUBREY
Attorneys at Law

W. Thomas Kellahin
Karen Aubrey

Jason Kellahin
Of Counsel

El Patio - 117 North Guadalupe
Post Office Box 2265
Santa Fe, New Mexico 87504-2265

Telephone 982-4285
Area Code 505

April 21, 1988

RECEIVED

APR 21 1988

Mr. David R. Catanach
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87504

OIL CONSERVATION DIVISION
"Hand Delivered"

Re: Application of Meridian Oil Inc. for
Administrative Approval of its Cedar Hills
SWD #1 Well, Section 29, T32N, R10W,
NMPM, San Juan County, New Mexico

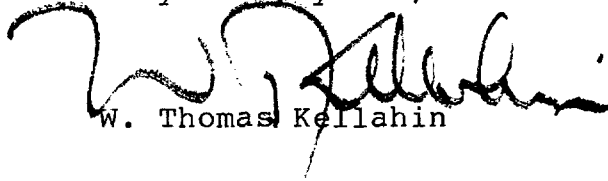
Dear Mr. Catanach:

On April 6, 1988, on behalf of Meridian Oil Inc., we sent notices to all affected parties for the above referenced case. The fifteen day notice period expires today. I have enclosed copies of the four return receipt cards and a copy of the April 6, 1988 letter.

In addition, I have enclosed a certificate of publication of the newspaper notice which was first published on April 11, 1988.

We believe that this administrative application is now ready for your approval. If there is anything else we need to do, please call me.

Very truly yours,


W. Thomas Kellahin

WTK:ca
Enc.

cc: Richard E. Fraley
Meridian Oil Inc.
P. O. Box 4289
Farmington, New Mexico 87499

KELLAHIN, KELLAHIN AND AUBREY

Attorneys at Law

W. Thomas Kellahin
Karen Aubrey

El Patio - 117 North Guadalupe
Post Office Box 2265
Santa Fe, New Mexico 87504-2265

Telephone 982-4285
Area Code 505

Jason Kellahin
Of Counsel

April 6, 1988

Farmington Daily Times
P. O. Box 450
Farmington, New Mexico 87401

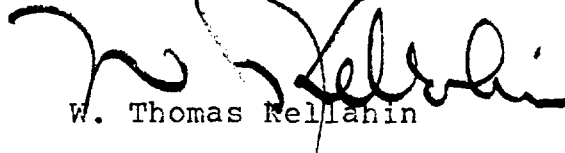
Re: Legal Notice

Dear Sir/Madam:

Enclosed please find a Legal Notice for publication one time. Please send two proofs of publication with our statement.

Thank you.

Very truly yours,



W. Thomas Kellahin

WTK:ca
Enc.

cc: Richard Fraley (Meridian)
David Catanach (OCD)

LEGAL NOTICE

Public Notice is hereby given that Meridian Oil Inc., P. O. Box 4289, Farmington, New Mexico 87499, has applied for administrative approval to drill its Cedar Hills Salt Water Disposal Well No. 1, at a location 830 feet FNL and 1775 feet FEL of Section 29, T32N, R10W, San Juan County, New Mexico, as a produced water disposal well. The operator intends to inject formation water produced from the Fruitland Coal formation into the Morrison and Entrada formations at a depth of approximately 7750 to 8385 feet and 8400 to 8550 feet at a maximum rate of 20,000 bbls/day with a maximum injection surface pressure of 1710 psi. Interested parties must file objections or request for hearing with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87504, within fifteen days of the date of publication.

AFFIDAVIT OF PUBLICATION

Copy of Publication

No. 21625

STATE OF NEW MEXICO,
County of San Juan:

Betty Shipp being duly

sworn, says: That he is the National Ad Manager of

THE FARMINGTON DAILY TIMES, a daily newspaper of general circulation
published in English at Farmington, said county and state, and that the

hereto attached Legal Notice

was published in a regular and entire issue of the said FARMINGTON DAILY
TIMES, a daily newspaper duly qualified for the purpose within the
meaning of Chapter 167 of the 1937 Session Laws of the State of New
Mexico for One consecutive (days) (weeks) on the same day as
follows:

First Publication Monday April 11, 1988

Second Publication _____

Third Publication _____

Fourth Publication _____

and that payment therefor in the amount of \$ 8.80
has been made.

Betty Shipp

Subscribed and sworn to before me this 12th day
of April, 19 88.

J. Shorter

NOTARY PUBLIC, SAN JUAN COUNTY, NEW MEXICO

My Commission expires: June 23, 1990

LEGAL NOTICE

Public Notice is hereby given that Meridian Oil Inc., PO Box 4289, Farmington, New Mexico 87499, has applied for administrative approval to drill its Cedar Hills Salt Water Disposal Well No. 1, at a location 830 feet FNL and 1775 feet FEL of Section 29, T32N, R10W, San Juan County, New Mexico, as a produced water disposal well. The operator intends to inject formation water produced from the Fruitland Coal formation into the Morrison and Entrada Formations at a depth of approximately 7750 to 8385 feet and 8400 to 8550 feet at a maximum rate of 20,000 bbls/day with a maximum injection surface pressure of 1710 psi. Interested parties must file objections or request for hearing with the Oil Conservation Division, P.O. Box 2088, Santa Fe, New Mexico 87504, within fifteen days of the date of publication.

Legal No. 21625 published in the Farmington Daily Times, Farmington, New Mexico on Monday, April 11, 1988.

P 058 365 374

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

PS Form 3800, Feb. 1982

★ U.S.G.P.O. 1984-446-014

Sent to <i>James Lee</i>	Street and No. <i>Box 3249</i>	P.O. State and ZIP Code <i>Missouri, MO 64155</i>	Postage \$ 23	Certified Fee 75	Special Delivery Fee	Restricted Delivery Fee	Return Receipt Showing to whom and Date Delivered 70	Return receipt showing to whom, Date, and Address of Delivery	TOTAL Postage and Fees	Postmark or Date <i>SWD 21 1982</i>
-----------------------------	-----------------------------------	--	------------------	---------------------	----------------------	-------------------------	---	---	------------------------	--

P 058 365 373

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

PS Form 3800, Feb. 1982

★ U.S.G.P.O. 1984-446-014

Sent to <i>Miss Helburn</i>	Street and No. <i>Box 2009</i>	P.O. State and ZIP Code <i>Missouri, TX 74109</i>	Postage \$ 73	Certified Fee 75	Special Delivery Fee	Restricted Delivery Fee	Return Receipt Showing to whom and Date Delivered 70	Return receipt showing to whom, Date, and Address of Delivery	TOTAL Postage and Fees \$ 218	Postmark or Date <i>SWD 21 1982</i>
--------------------------------	-----------------------------------	--	------------------	---------------------	----------------------	-------------------------	---	---	----------------------------------	--

P 058 365 375

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

PS Form 3800, Feb. 1982

★ U.S.G.P.O. 1984-446-014

Sent to <i>James Lee</i>	Street and No. <i>Box 3249</i>	P.O. State and ZIP Code <i>Missouri, MO 64155</i>	Postage \$ 73	Certified Fee 75	Special Delivery Fee	Restricted Delivery Fee	Return Receipt Showing to whom and Date Delivered 70	Return receipt showing to whom, Date, and Address of Delivery	TOTAL Postage and Fees \$ 218	Postmark or Date <i>SWD 21 1982</i>
-----------------------------	-----------------------------------	--	------------------	---------------------	----------------------	-------------------------	---	---	----------------------------------	--

P 058 365 376

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

PS Form 3800, Feb. 1982

★ U.S.G.P.O. 1984-446-014

Sent to <i>Union Texas Pst.</i>	Street and No. <i>375 US Hwy 64</i>	P.O. State and ZIP Code <i>Farmington, NM 87401</i>	Postage \$ 90	Certified Fee 75	Special Delivery Fee	Restricted Delivery Fee	Return Receipt Showing to whom and Date Delivered 70	Return receipt showing to whom, Date, and Address of Delivery	TOTAL Postage and Fees \$ 235	Postmark or Date <i>SWD 21 1982</i>
------------------------------------	--	--	------------------	---------------------	----------------------	-------------------------	---	---	----------------------------------	--

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery ^{†(Extra charge)†}

3. Article Addressed to: Amoco Production Company
2325 East 30th
Farmington, New Mexico 87401

4. Article Number P-484 057 427

Type of Service: ☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Addressee *M. Beelard*

8. Addressee's Address (ONLY if requested and fee paid) *Same*

6. Signature - Agent

7. Date of Delivery *4-7-88*

PS Form 3811, Mar. 1987 * U.S.G.P.O. 1987-178-268 DOMESTIC RETURN RECEIPT
Meridian - SWD

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery ^{†(Extra charge)†}

3. Article Addressed to: Mesa Petroleum Inc.
P. O. Box 2009
Amarillo, Texas 79189

4. Article Number P-484 057 428

Type of Service: ☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Addressee

8. Addressee's Address (ONLY if requested and fee paid) *Apr 2009*

6. Signature - Agent *APR 11 1988*

7. Date of Delivery

PS Form 3811, Mar. 1987 * U.S.G.P.O. 1987-178-268 DOMESTIC RETURN RECEIPT
Meridian - SWD

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery ^{†(Extra charge)†}

3. Article Addressed to: Tenneco Oil Company
P. O. Box 3249
Englewood, Colorado 80155

4. Article Number P484 057 429

Type of Service: ☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Addressee *W. Onela*

8. Addressee's Address (ONLY if requested and fee paid)

6. Signature - Agent

7. Date of Delivery *4/1/88*

PS Form 3811, Mar. 1987 * U.S.G.P.O. 1987-178-268 DOMESTIC RETURN RECEIPT
Meridian - SWD

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery ^{†(Extra charge)†}

3. Article Addressed to: Union Texas Petroleum
375 US Highway 64
Farmington, New Mexico 87401

4. Article Number P-484 057 430

Type of Service: ☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Addressee

8. Addressee's Address (ONLY if requested and fee paid)

6. Signature - Agent *APR 11 1988*

7. Date of Delivery

PS Form 3811, Mar. 1987 * U.S.G.P.O. 1987-178-268 DOMESTIC RETURN RECEIPT
Meridian - SWD