



**Chevron U.S.A. Inc.**  
P.O. Box 1150, Midland, TX 79702

October 15, 1991

OIL CONSERVATION DIVISION  
RECEIVED

31 OCT 21 AM 9 11

Permian Basin Production Business Unit

PROPOSED INFILL WELLS  
EUNICE MONUMENT SOUTH UNIT  
WELL NOS. ~~609, 610, 624, 625,~~  
~~626, 638 AND 639~~  
EUNICE-MONUMENT (G-SA) OIL POOL  
LEA COUNTY, NEW MEXICO

State of New Mexico  
Energy, Minerals & Natural Resources Dept.  
Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87504

Attention: William J. LeMay, Director

Gentlemen:

Chevron U.S.A. Inc. respectfully requests your administrative approval of seven unorthodox well locations in the Eunice-Monument (G-SA) Oil Pool for the subject infill producing wells. We further request that the 20-day notice period of Rule 104 (F) (4) be waived since the subject oil proration and spacing units are surrounded by Chevron operated oil proration units within said pool.

The proposed locations for these Eunice Monument South Unit infill producing wells, as shown on the attached map and plats, will be in an existing approved waterflood project, Order No. R-7766 (copy enclosed). These locations will meet the requirements of Rule 104 (F) (1) in that they are no closer than 330 feet to the outer boundary of the unitized area and no closer than 10 feet to any quarter-quarter section line. In addition, these locations were chosen so as to be within a 40-acre proration unit which is or will be associated with water injection wells.

The basis for these unorthodox infill locations is to provide a pilot 40-acre five spot pattern area from which a more efficient production and injection pattern can be established to enhance recovery from this secondary waterflood project. This pilot project may also act as a catalyst for future waterflood development activities within the Eunice Monument area.

Chevron has notified all working interest owners in the Eunice Monument South Unit by a letter and AFE dated September 9, 1991 and expects to receive sufficient approval to satisfy the Unit Operating Agreement requirements by November 1, 1991.

Based upon the foregoing information, Chevron respectfully requests your administrative approval of these seven unorthodox locations in the Eunice-Monument (G-SA) Oil Pool and to enable Chevron to drill these wells during this 4th quarter 1991, we further request that the Oil Conservation Division waive the 20 day notice period in granting these administrative applications.

For further information regarding this matter, please contact me at (915) 687-7246. Your prompt consideration will be greatly appreciated.

Yours very truly,

*Alan W. Bohling*

Alan W. Bohling  
Proration Engineer

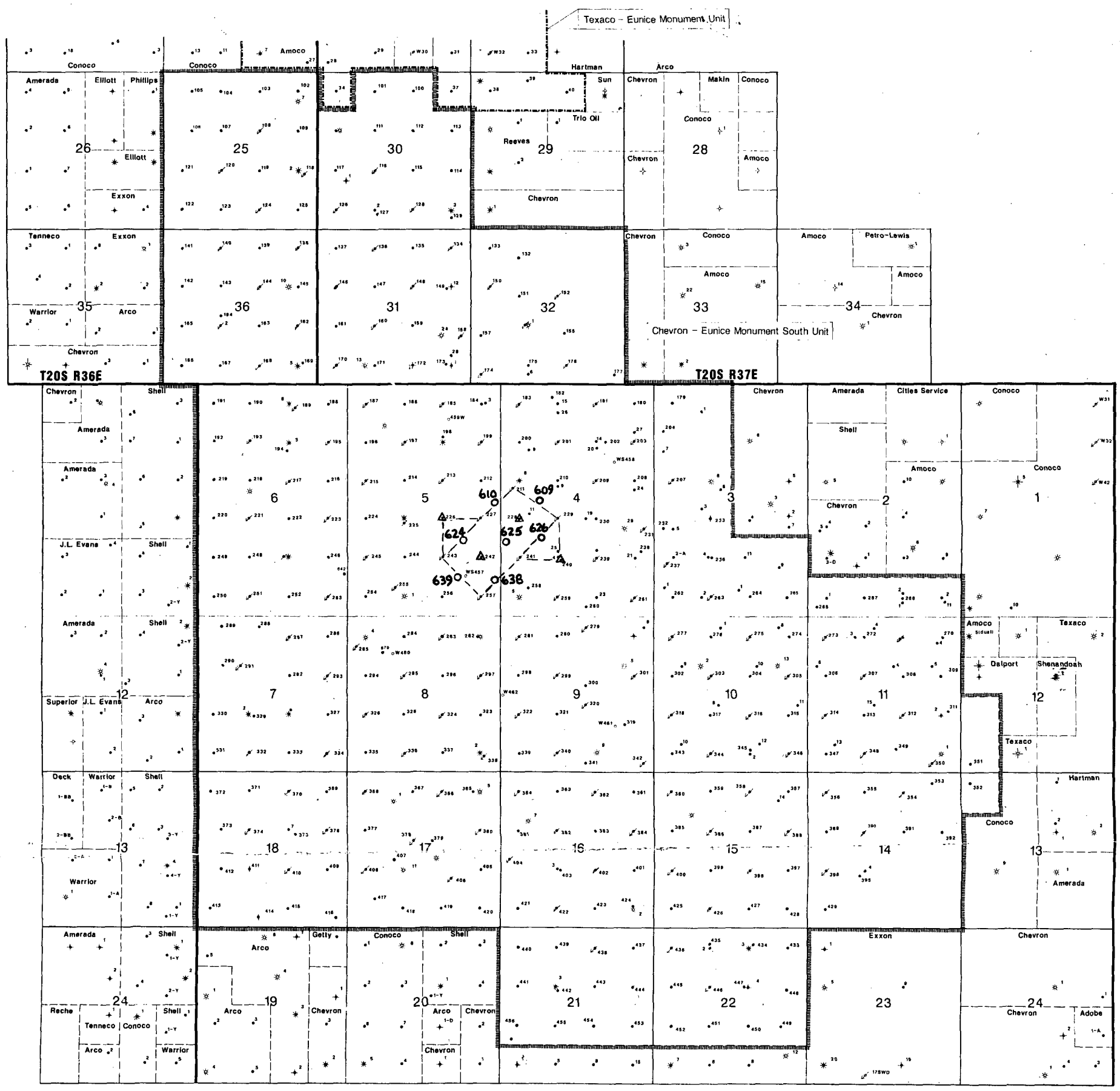
awb  
Attachments  
Enclosures

cc: NMOCD - Hobbs

**CHEVRON U.S.A.**

**EUNICE MONUMENT SOUTH UNIT  
INFILL WELL LOCATIONS  
SECTIONS 4 & 5  
T-21-S, R-36-E, NMPM  
LEA COUNTY, NEW MEXICO**

EMSU WELL NO. 609	4050'FSL & 1260'FWL UNIT L, Section 4
EMSU WELL NO. 610	180'FEL & 3820'FSL UNIT P, Section 5
EMSU WELL NO. 624	1410' FEL & 2630'FSL UNIT R, Section 5
EMSU WELL NO. 625	2630'FSL & 10'FWL UNIT T, Section 4
EMSU WELL NO. 626	2650'FSL & 1630'FWL UNIT N, Section 4
EMSU WELL NO. 638	10'FEL & 1310'FSL UNIT X, Section 5
EMSU WELL NO. 639	1330'FSL & 1280'FWL UNIT Q, Section 5



**LEGEND**

● Location of Drilling

● OIL

● PRA OIL

● TALL OIL

● Gas

● PRA Gas

● TALL Gas

● OIL & Gas

● PRA OIL & Gas

● Dry & Air

● Dry

○ — PROPOSED 20-AC. INFILL PRODUCERS

△ — PROPOSED CONVERSIONS

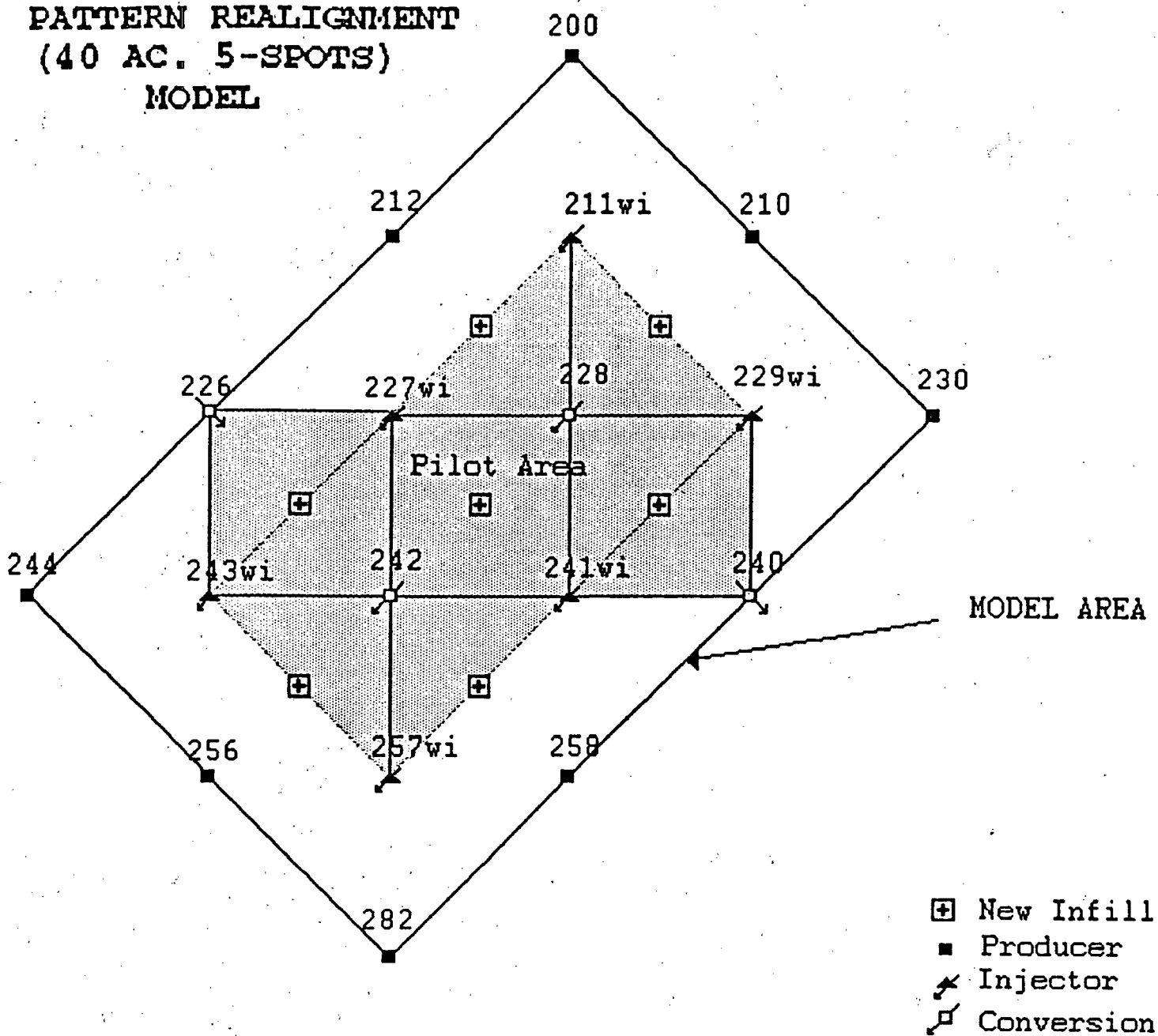
□ — PROPOSED 40-AC. 5-SPOT PILOT AREA

**Chevron** **Chevron U.S.A. Inc.**  
Southern Region - Exploration, Land and Production

**EUNICE MONUMENT  
SOUTH UNIT**  
Lea County, New Mexico

SCALE: 1" = 4000'

**PATTERN REALIGNMENT  
(40 AC. 5-SPOTS)  
MODEL**



**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

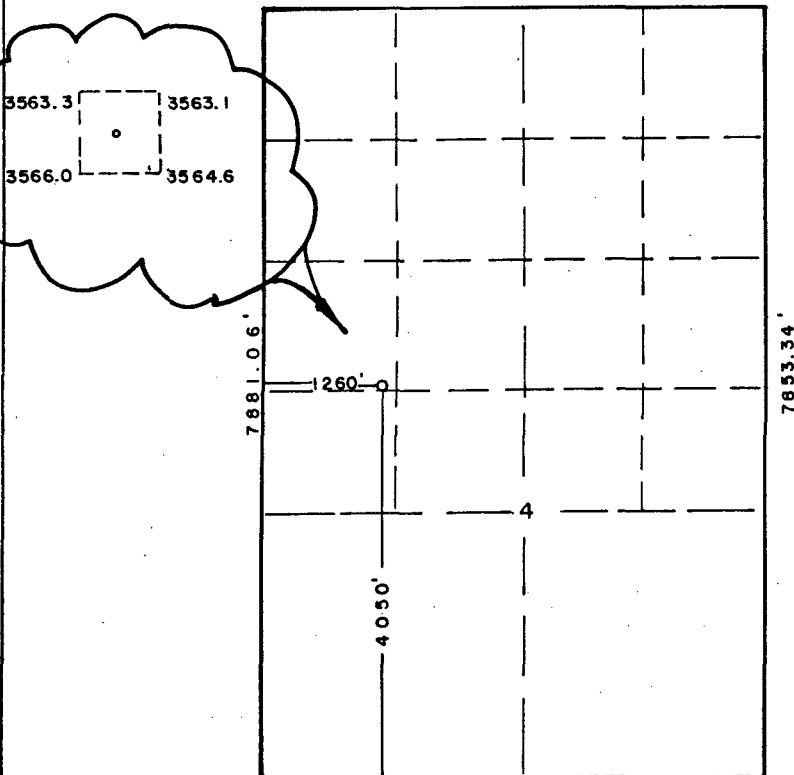
Operator <b>CHEVRON U.S.A. INC.</b>			Lease <b>EUNICE MONUMENT SOUTH UNIT</b>		Well No. <b>609</b>
Unit Letter <b>L</b>	Section <b>4</b>	Township <b>21 SOUTH</b>	Range <b>36 EAST</b>	County <b>LEA</b>	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> <span>4050</span> <span>feet from the <b>SOUTH</b> line and</span> <span>1260</span> <span>feet from the <b>WEST</b> line</span> </div>					
Ground Level Elev. <b>3564.1</b>	Producing Formation		Pool		Dedicated Acreage:  Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes    ☐ No    If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



**CERTIFICATION**

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

Name \_\_\_\_\_

Position \_\_\_\_\_

Company \_\_\_\_\_

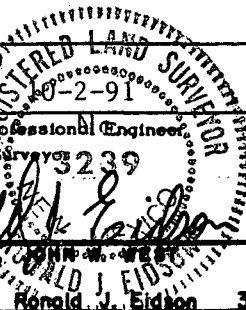
Date \_\_\_\_\_

*I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.*

Date Surveyed \_\_\_\_\_

Registered Professional Engineer,  
and/or Land Surveyor

Certificate No. \_\_\_\_\_



676

3239

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

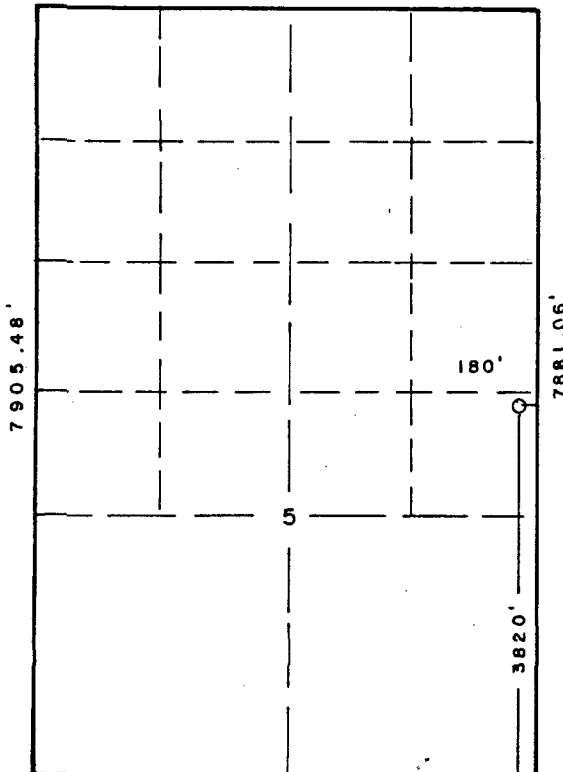
Operator <b>CHEVRON U.S.A. INC.</b>			Lease <b>EUNICE MONUMENT SOUTH UNIT</b>		Well No. <b>610</b>
Unit Letter <b>P</b>	Section <b>5</b>	Township <b>21 SOUTH</b>	Range <b>36 EAST</b>	County <b>LEA</b>	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> <span>180 feet from the <b>EAST</b> line and</span> <span>3820 feet from the <b>SOUTH</b> line</span> </div>					
Ground Level Elev. <b>3575.8</b>	Producing Formation		Pool		Dedicated Acreage: <div style="text-align: right;">Acres</div>

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes    ☐ No    If answer is "yes," type of consolidation \_\_\_\_\_

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**CERTIFICATION**

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

Name
Position
Company
Date

*I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.*

Date	
Registered Professional Engineer and/or Land Surveyor 	
Certificate No. <b>JOHN W. WEST</b>	<b>678</b>
<b>Ronald J. Eidson</b>	
<b>3239</b>	

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

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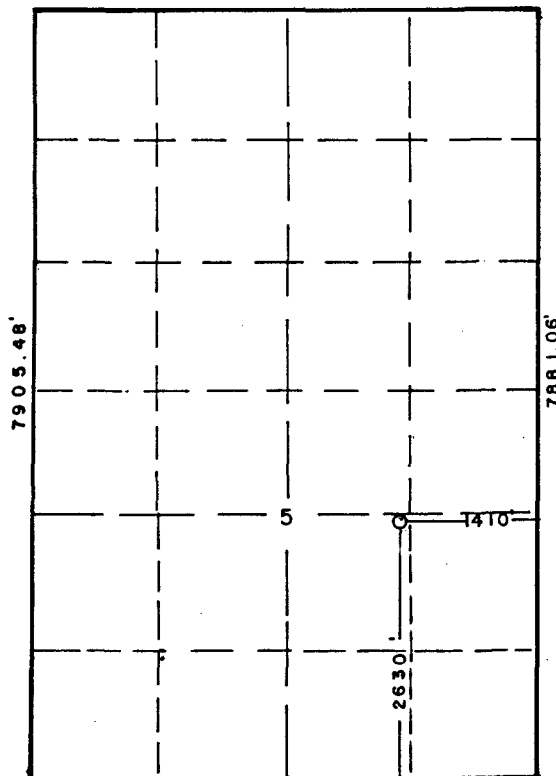
Operator <b>CHEVRON U.S.A. INC.</b>			Lease <b>EUNICE MONUMENT SOUTH UNIT</b>		Well No. <b>624</b>
Unit Letter <b>R</b>	Section <b>5</b>	Township <b>21 SOUTH</b>	Range <b>36 EAST</b>	County <b>LEA</b>	
Actual Footage Location of Well: <b>1410</b> feet from the <b>EAST</b> line and <b>2630</b> feet from the <b>SOUTH</b> line					
Ground Level Elev. <b>3582.5</b>	Producing Formation		Pool		Dedicated Acreage:  Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes    ☐ No    If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



**CERTIFICATION**

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

Name \_\_\_\_\_

Position \_\_\_\_\_

Company \_\_\_\_\_

Date \_\_\_\_\_

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed \_\_\_\_\_

Registered Professional Engineer  
and/or Land Surveyor

Certificate No. **JOHN W. WEST** **676**

**Ronald J. Eidson 3239**



**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
Supersedes C-128  
Effective 1-1-65

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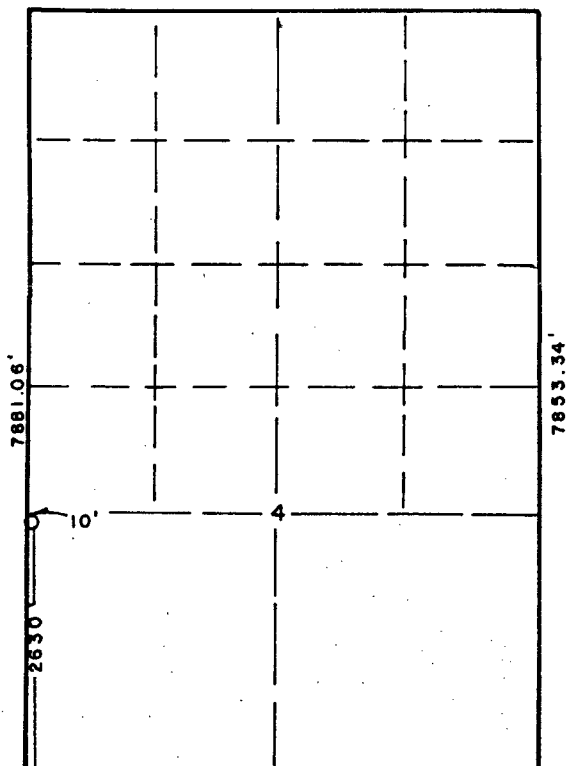
Operator <b>CHEVRON U.S.A. INC.</b>			Lease <b>EUNICE MONUMENT SOUTH UNIT</b>		Well No. <b>625</b>
Unit Letter <b>T</b>	Section <b>4</b>	Township <b>21 SOUTH</b>	Range <b>36 EAST</b>	County <b>LEA</b>	
Actual Footage Location of Well: <b>2630</b> feet from the <b>SOUTH</b> line and <b>10</b> feet from the <b>WEST</b> line.					
Ground Level Elev. <b>3583.8</b>	Producing Formation		Pool	Dedicated Acreage:  Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

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

Name \_\_\_\_\_

Position \_\_\_\_\_

Company \_\_\_\_\_

Date \_\_\_\_\_

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed \_\_\_\_\_

No. 9-25-91

Registered Professional Engineer and/or Land Surveyor

Certificate No. **JOHN W. WEST**

**676**

**Ronald J. Eldson 3239**

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
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Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator <b>CHEVRON U.S.A. INC.</b>			Lease <b>EUNICE MONUMENT SOUTH UNIT</b>		Well No. <b>626</b>
Unit Letter <b>N</b>	Section <b>4</b>	Township <b>21 SOUTH</b>	Range <b>36 EAST</b>	County <b>LEA</b>	
Actual Footage Location of Well: <b>2650</b> feet from the <b>SOUTH</b> line and <b>1630</b> feet from the <b>WEST</b> line					
Ground Level Elev. <b>3579.2</b>	Producing Formation		Pool		Dedicated Acreage:  Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes   ☐ No   If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

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	<p align="center"><b>CERTIFICATION</b></p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <hr/> <p>Name _____</p> <p>Position _____</p> <p>Company _____</p> <p>Date _____</p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.</i></p> <hr/> <p>Date Surveyed <b>9-25-91</b></p> <p>Registered Professional Engineer and/or Land Surveyor <b>3239</b></p> <p align="center"><i>Ronald J. Eldon</i></p> <p>Certificate No. <b>JOHN W. WEST</b> <b>678</b> <b>Ronald J. Eldon</b> <b>3239</b></p>
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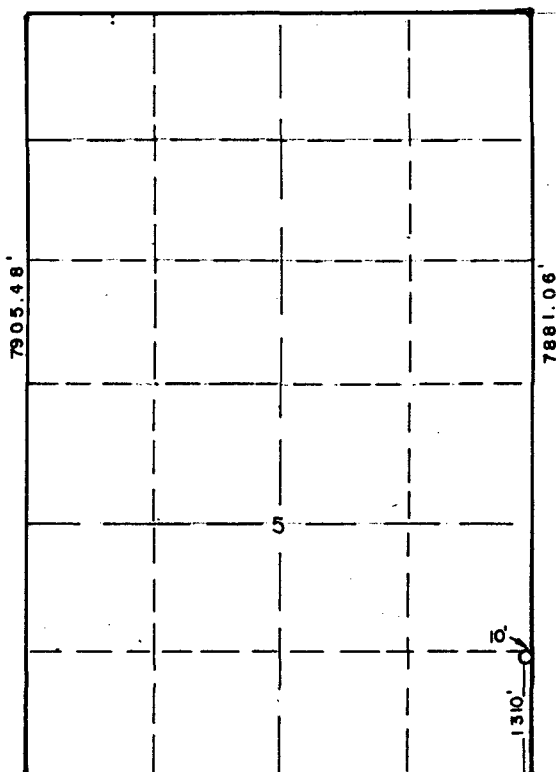
Operator <b>CHEVRON U.S.A. INC.</b>			Lease <b>EUNICE MONUMENT SOUTH UNIT</b>		Well No. <b>638</b>
Unit Letter <b>X</b>	Section <b>5</b>	Township <b>21 SOUTH</b>	Range <b>36 EAST</b>	County <b>LEA</b>	
Actual Footage Location of Well: <b>10</b> feet from the <b>EAST</b> line and <b>1310</b> feet from the <b>SOUTH</b> line					
Ground Level Elev. <b>3581.1</b>	Producing Formation		Pool		Dedicated Acreage:  Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

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**CERTIFICATION**

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

Name \_\_\_\_\_

Position \_\_\_\_\_

Company \_\_\_\_\_

Date \_\_\_\_\_

*I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.*

Date Surveyed \_\_\_\_\_

No. **9-25-91**

Registered Professional Engineer  
and/or Land Surveyor

*Ronald J. Eidson*

Certificate No. **JOHN 1111 1234**

**678**

**Ronald J. Eidson 3239**

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

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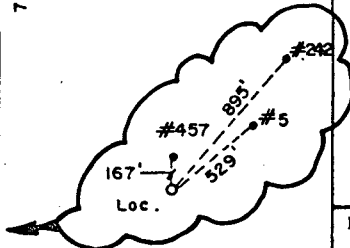
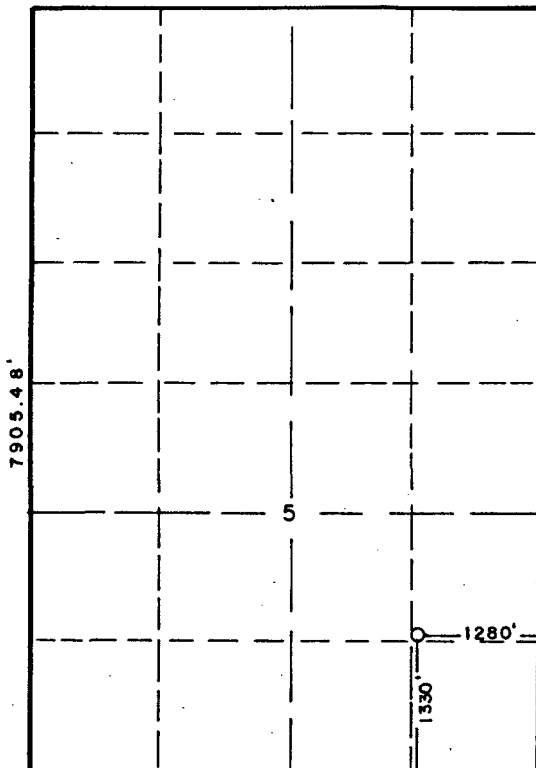
Operator <b>CHEVRON U.S.A. INC.</b>			Lease <b>EUNICE MONUMENT SOUTH UNIT</b>		Well No. <b>639</b>
Unit Letter <b>Q</b>	Section <b>5</b>	Township <b>21 SOUTH</b>	Range <b>36 EAST</b>	County <b>LEA</b>	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> <span>1330 feet from the SOUTH line and</span> <span>1280 feet from the WEST line</span> </div>					
Ground Level Elev. <b>3576.5</b>	Producing Formation	Pool		Dedicated Acreage: <div style="text-align: right;">Acres</div>	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
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Name \_\_\_\_\_

Position \_\_\_\_\_

Company \_\_\_\_\_

Date \_\_\_\_\_

*I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.*

Date Surveyed \_\_\_\_\_

Registered Professional Engineer and/or Land Surveyor

*Ronald J. Eldon*

Certificate No. **JOHN W. WEST 878**

**Ronald J. Eldon 3239**

91-11-0043

STATE OF NEW MEXICO  
DEPARTMENT OF ENERGY AND MINERALS  
OIL CONSERVATION COMMISSION

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION FOR THE PURPOSE OF  
CONSIDERING:

CASE No. 8398  
Order No. R-7766

APPLICATION OF GULF OIL CORPORATION  
FOR A WATERFLOOD PROJECT, LEA  
COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This case came on for hearing at 9:00 A.M. on November 7, 1984, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission".

NOW, on this 27th day of December, 1984, the Commission, a quorum having been present, having considered the testimony and the record and being otherwise fully advised in the premises,

FINDS THAT:

(1) Due public notice has been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) The applicant, Gulf Oil Corporation, in Commission Case 8398, seeks authority to institute a waterflood project in its Eunice Monument South Unit, by the injection of water into the unitized interval which shall include the formations which extend from an upper limit of 100 feet below mean sea level or the top of the Grayburg formation, whichever is higher, to a lower limit being the base of the San Andres formation in the proposed unitized area, all as shown on Exhibit "A" attached to this order.

(3) The subject Commission Case 8398 was consolidated for hearing with Commission Cases 8397 and 8399.

(4) Gulf proposes to utilize an 80-acre five spot injection pattern using a well number system and proposed

Unit injection wells all as shown and identified on Exhibit "B" attached hereto.

(5) Said injection wells shall be conversions of existing wells or newly drilled wells as noted on said Exhibit "B".

(6) The proposed waterflood project should result in the recovery of otherwise unrecoverable oil, thereby preventing waste.

(7) The producing formations in the proposed project area are in an advanced stage of depletion and the area is suitable for waterflooding.

(8) There are five wells within or adjacent to the proposed project which may not have been completed or plugged in a manner which will assure that their wellbores will not serve as a conduit for movement of injected fluid out of the injection interval.

(9) The five possible problem wells are identified and described on Exhibit "C" attached hereto.

(10) Prior to instituting injection within one-half mile of any of the five possible "problem wells" Gulf shall first contact the Oil Conservation Division's District Supervisor at Hobbs to develop a plan acceptable to the Director of said Division for repairing or replugging such wells, for monitoring for determination of fluid movement from the injected interval, or for the drilling of replacement producing wells to lower reservoir pressure and fluid levels in order to protect neighboring properties and to protect other oil or gas zones or fresh water.

(11) The operator should otherwise take all steps necessary to ensure that the injected water enters only the proposed injection interval and is not permitted to escape to other formations or onto the surface from injection, production, or plugged and abandoned wells.

(12) The injection wells or injection pressurization system should be so equipped as to limit injection pressure at the wellhead to no more than 0.2 psi per foot of depth from the surface to the top injection perforation in any injection well, but the Division Director should have authority to increase said pressure limitation, should circumstances warrant.

(13) The subject application should be approved and the project should be governed by the provisions of Rule 701 through 708 of the Commission Rules and Regulations.

IT IS THEREFORE ORDERED THAT:

(1) The applicant, Gulf Oil Corporation, is hereby authorized to institute a waterflood project in the Eunice Monument South Unit Area for the acreage described on Exhibit "A" attached hereto and made a part hereof, by the injection of water into the unitized interval which shall include the formations which extend from an upper limit described as 100 feet below mean sea level or at the top of the Grayburg formation, whichever is higher, to a lower limit being the base of the San Andres formation said geologic markers having been as found to occur at 3,666 feet to 5,283 feet, respectively, in the Continental Oil Company's Meyer B-4 Well No. 23 located 660 feet from the South line and 1980 feet from the East line of Section 4, Township 21 South, Range 36 East, Lea County, New Mexico.

(2) Applicant, Gulf Oil Corporation, is hereby authorized to utilize for injection purposes the wells identified and described on Exhibit "B" attached hereto and made a part hereof.

(3) The injection wells herein authorized and/or the injection pressurization system shall be so equipped as to limit injection pressure at the wellhead to no more than 0.2 psi per foot of depth from the surface to the top injection perforation, provided however, the Division Director may authorize a higher surface injection pressure upon satisfactory showing that such pressure will not result in fracturing of the confining strata.

(4) Injection into each of said wells shall be through plastic or cement-lined tubing, set in a packer which shall be located as near as practicable to the uppermost perforations, or, in the case of open-hole completions, as near as practicable to the casing-shoe; that the casing-tubing annulus shall be loaded with an inert fluid and equipped with an approved pressure gauge or attention attracting leak detection device.

(5) Prior to injection into any well located within one-half mile of any of the five wells listed on Exhibit "C" attached to this order, the applicant shall consult with the supervisor of the Oil Conservation Division's district office at Hobbs to develop a plan acceptable to

the Director of said Division, for the repairing, plugging, or replugging of said wells or for the monitoring for determination of fluid movement from the injected interval or for the drilling of producing wells to lower reservoir pressure and fluid levels in the vicinity of said wells in order to protect neighboring properties and to protect other oil or gas zones or fresh water.

(6) The operator shall immediately notify the supervisor of the Division's Hobbs District Office of the failure of the tubing or packer in any of said injection wells, the leakage of water or oil from around any producing well, or the leakage of water or oil from any plugged and abandoned well within the project area, and shall take such timely steps as may be necessary or required to correct such failure or leakage.

(7) The authorized subject waterflood project is hereby designated the Eunice Monument South Unit Waterflood Project and shall be governed by the provisions of Rules 701 through 708 of the Commission Rules and Regulations.

(8) Monthly progress reports of the waterflood projects herein authorized shall be submitted to the Commission in accordance with Rules 704 and 1120 of the Commission Rules and Regulations.

(9) Jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.



-5-

Case No. 8398  
Order No. R-7766

DONE at Santa Fe, New Mexico, on the day and year  
hereinabove designated.

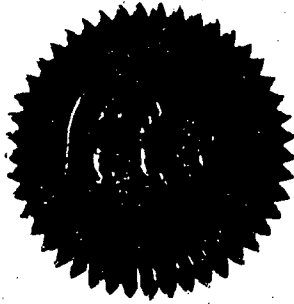
STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

JIM BACA, Member

*Ed Kelley*

ED KELLEY, Member

*R. L. Stamets*  
R. L. STAMETS, Chairman and  
Secretary



S E A L

LEA COUNTY, NEW MEXICO

TOWNSHIP 20 SOUTH, RANGE 36 EAST, NMPM

Section 25: All

Section 36: All

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM

Section 30: S/2, S/2 N/2, NE/4 NW/4 and NW/4 NE/4

Section 31: All

Section 32: All

TOWNSHIP 21 SOUTH, RANGE 36 EAST, NMPM

Section 2: S/2 S/2

Section 3: Lots 3, 4, 5, 6, 11, 12, 13, and 14  
and S/2

Sections 4 through 11: All

Section 12: W/2 SW/4

Section 13: NW/4 NW/4

Sections 14 through 18: All

Section 21: N/2 and N/2 S/2

Section 22: N/2 and N/2 S/2

CASE NO. 8398  
ORDER NO. R-7766  
EXHIBIT "A"

LEA COUNTY, NEW MEXICO

179	D	3	21	36
181	B	4	21	36
183	D	4	21	36
185	B	5	21	36
187	D	5	21	36
189	B	6	21	36
191	D	6	21	36
193	F	6	21	36
195	H	6	21	36
197	F	5	21	36
199	H	5	21	36
201	F	4	21	36
203	H	4	21	36
205	F	3	21	36
207	L	3	21	36
209	J	4	21	36
211	L	4	21	36
213	J	5	21	36
215	L	5	21	36
217	J	6	21	36
219	L	6	21	36
221	N	6	21	36
223	P	6	21	36
225	N	5	21	36
227	P	5	21	36
229	N	4	21	36
231	P	4	21	36
233	N	3	21	36
235	R	3	21	36
237	T	3	21	36
239	R	4	21	36
241	T	4	21	36
243	R	5	21	36
245	T	5	21	36
247	R	6	21	36

N

N

N

CASE NO. 8398  
ORDER NO. R-7766  
EXHIBIT "B"

LEA COUNTY, NEW MEXICO

UNIT WELL NO.	UNIT LETTER	SECTION-TOWNSHIP-RANGE SOUTH EAST	NEW WELL
101	C	30 20 37	N
102	A	25 20 36	
104	C	25 20 36	
106	E	25 20 36	
108	G	25 20 36	
110	E	30 20 37	
112	G	30 20 37	
114	I	30 20 37	
116	K	30 20 37	
118	I	25 20 36	
120	K	25 20 36	
122	M	25 20 36	
124	O	25 20 36	
126	M	30 20 37	
128	O	30 20 37	
130	A	32 20 37	N
132	C	32 20 37	
134	A	31 20 37	
136	C	31 20 37	
138	A	36 20 36	
140	C	36 20 36	
142	E	36 20 36	
144	G	36 20 36	
146	E	31 20 37	
148	G	31 20 37	
150	E	32 20 37	
152	G	32 20 37	
154	I	32 20 37	N
156	K	32 20 37	
158	I	31 20 37	
160	K	31 20 37	
162	I	36 20 36	
164	K	36 20 36	
166	M	36 20 36	
168	O	36 20 36	
170	M	31 20 37	
172	O	31 20 37	
174	M	32 20 37	
176	O	32 20 37	

CASE NO. 8398  
ORDER NO. R-7766  
EXHIBIT "B"

LEA COUNTY, NEW MEXICO

249	T	6	21	36
251	V	6	21	36
253	X	6	21	36
255	V	5	21	36
257	X	5	21	36
259	V	4	21	36
261	X	4	21	36
263	V	3	21	36
265	X	3	21	36
267	V	2	21	36
269	X	2	21	36
271	B	11	21	36
273	D	11	21	36
275	B	10	21	36
277	D	10	21	36
279	B	9	21	36
281	D	9	21	36
283	B	8	21	36
285	D	8	21	36
287	B	7	21	36
289	D	7	21	36
291	F	7	21	36
293	H	7	21	36
295	F	8	21	36
297	H	8	21	36
299	F	9	21	36
301	H	9	21	36
303	F	10	21	36
305	H	10	21	36
307	F	11	21	36
309	H	11	21	36
310	L	12	21	36
312	J	11	21	36
314	L	11	21	36
316	J	10	21	36
318	L	10	21	36
320	J	9	21	36
322	L	9	21	36
324	J	8	21	36

CASE NO. 8398  
ORDER NO. R-7766  
EXHIBIT "B"

LEA COUNTY, NEW MEXICO

326	L	8	21	36
328	J	7	21	36
330	L	7	21	36
332	N	7	21	36
334	P	7	21	36
336	N	8	21	36
338	P	8	21	36
340	N	9	21	36
342	P	9	21	36
344	N	10	21	36
346	P	10	21	36
348	N	11	21	36
350	P	11	21	36
352	D	13	21	36
354	B	14	21	36
356	D	14	21	36
358	B	15	21	36
360	D	15	21	36
362	B	16	21	36
364	D	16	21	36
366	B	17	21	36
368	D	17	21	36
370	B	18	21	36
372	D	18	21	36
374	F	18	21	36
376	H	18	21	36
378	F	17	21	36
380	H	17	21	36
382	F	16	21	36
384	H	16	21	36
386	F	15	21	36
388	H	15	21	36
390	F	14	21	36
392	H	14	21	36
394	J	14	21	36
396	L	14	21	36
398	J	15	21	36
400	L	15	21	36
402	J	16	21	36
404	L	16	21	36

N

CASE NO. 8398  
ORDER NO. R-7766  
EXHIBIT "B"

LEA COUNTY, NEW MEXICO

406	J	17	21	36
408	L	17	21	36
410	J	18	21	36
412	L	18	21	36
414	N	18	21	36
416	P	18	21	36
418	N	17	21	36
420	P	17	21	36
422	N	16	21	36
424	P	16	21	36
426	N	15	21	36
428	P	15	21	36
430	N	14	21	36
432	P	14	21	36
434	B	22	21	36
436	D	22	21	36
438	B	21	21	36
440	D	21	21	36
442	F	21	21	36
444	H	21	21	36
446	F	22	21	36
448	H	22	21	36
450	J	22	21	36
454	J	21	21	36
456	L	21	21	36
452	L	22	21	36

CASE 8398  
ORDER NO. R-8398  
EXHIBIT "B"

- (1) Amoco Production Co. State "C" Tr. 11 Well No. 3  
located 1980 feet from the South line and 1980 feet from  
the East line of Section 2, Township 21 South, Range 36  
East;
- (2) Amoco Production Co. State "C" Tr. 11 Well No. 4  
located 3300 feet from the South line and 1980 feet from  
the East line of Section 2, Township 21 South, Range 36  
East;
- (3) Texas Crude Oil Co. Kincheloe 2 State Well No. 1  
located 1980 feet from the South line and 1980 feet from  
the West line of Section 2, Township 21 South, Range 36  
East;
- (4) El Paso Natural Gas Co. Coleman Well No. 1  
located 2310 feet from the South line and 2310 feet from  
the East line of Section 17, Township 21 South, Range 36  
East;
- (5) Texaco Inc. New Mexico "H" NCT-1 Well No. 28, a dry  
hole, located 990 feet from the South line and 660  
feet from the East line of Section 31, Township 20 South,  
Range 37 East;

all in Lea County, New Mexico.

CASE NO. 8398  
Order No. R-7766  
EXHIBIT "C"