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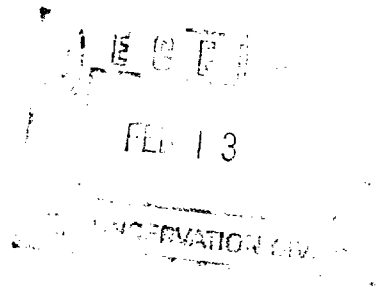
773

AMERADA HESS CORPORATION

P. O. BOX 840
SEMINOLE, TEXAS 79360
915-758-6700

February 8, 2001

Attn: Lori Wrotenbery
State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
1220 S. St. Francis Dr.
Santa Fe, New Mexico 87504



Re: Application for Amended Injection Permit
North Monument Grayburg San Andres Unit
Order No. R-9596

Dear Ms. Wrotenbery,

Amerada Hess Corporation respectfully request administrative amendment to Exhibit "A" of Division Order No. R-9596 on North Monument Grayburg San Andres Unit adding Well Nos. 1106, 1108, 1110, 1112, 1114, 1516, 1602, 1610, 1612, and 1614 to the order.

Enclosed is Form C-108 and supporting documents for your review.

If additional information is needed, please contact me at the above address or phone (915) 758-6707 at your earliest convenience.

Thank you for your consideration in this matter.

Sincerely,

A handwritten signature in cursive script that reads "Chad McGehee".

Chad McGehee
Petroleum Engineer

Xc: Mr. Chris Williams - NMOCD, Hobbs Office



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Jennifer A. Salisbury
Cabinet Secretary

2/14/01

Lori Wrotenbery
Director
Oil Conservation Division

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

RE: Proposed:

MC _____
DHC _____
NSL _____
NSP _____
SWD _____
WFX X _____
PMX _____

North Monument GB/SA Unit Blk 11	#6-F, 29-19s-37e	30-025-05721
North Monument GB/SA Unit Blk 11	#8-H, 29-19s-37e	30-025-05737
North Monument GB/SA Unit Blk 11	#11-J, 29-19s-37e	30-025-05729
North Monument GB/SA Unit Blk 11	#12-L, 29-19s-37e	30-025-05723
North Monument GB/SA Unit Blk 11	#14-N, 29-19s-37e	30-025-05726
North Monument GB/SA Unit Blk 15	#16-P, 31-19s37e	30-025-05764
North Monument GB/SA Unit Blk 16	#2-B, 32-19s-37e	30-025-05783
North Monument GB/SA Unit Blk 16	#10-J, 32-19s-37e	30-025-05785
North Monument GB/SA Unit Blk 16	#12-L, 32-19s-37e	30-025-05796
North Monument GB/SA Unit Blk 16	#14-n, 23-19S-37E	30-025-05794

Gentlemen:

I have examined the application for the:

Amerada Hess Corp
Operator

Lease & Well No. Unit S-T-R

and my recommendations are as follows:

OK

Yours very truly,

Chris Williams

Chris Williams
Supervisor, District 1

AMERADA HESS CORPORATION

P. O. BOX 840
SEMINOLE, TEXAS 79360
915-758-6700

February 8, 2001

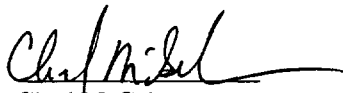
Re: Application for Amended Injection Permit
North Monument Grayburg San Andres Unit
Lea County, New Mexico

Dear Sir,

Enclosed, for your information is a copy of Form C-108 and supporting documents filed with State of New Mexico Oil Conservation Division requesting administrative approval to add North Monument Grayburg San Andres Unit Well Nos. 1106, 1108, 1110, 1112, 1114, 1516, 1602, 1610, 1612, and 1614 as water injection wells to unit.

If additional information is needed, please let us know at your earliest convenience at above address or phone (915) 758-6707.

Sincerely,

A handwritten signature in black ink, appearing to read "Chad McGehee", with a long horizontal flourish extending to the right.

Chad McGehee
Petroleum Engineer

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: X Secondary Recovery Pressure Maintenance Disposal Storage
Application qualifies for administrative approval? X Yes No
- II. OPERATOR: Amerada Hess Corporation
ADDRESS: P. O. Box 840, Secminole, Texas 79360
CONTACT PARTY: Chad McGehee PHONE: 915 758-6707
- 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? X Yes No
If yes, give the Division order number authorizing the project: R-9596
- 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 geologic data on the injection zone including appropriate lithologic detail, geologic 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 sources 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 sources 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: Chad McGehee TITLE: Petroleum Engineer
SIGNATURE: Chad McGehee DATE: February 8, 2001
- * If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: August 2, 1991, original C-108 submitted by Amerada Hess Corporation on North Monument Grayburg San Andres Unit.

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:

- (1) Lease name; Well No.; Location by Section, Township and Range; and footage 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.

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.

- (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 the 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, 2040 South Pacheco, Santa Fe, New Mexico 87505, 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.

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Note: Item Nos. VI, VII, & XI were submitted with original C-108 filed August 2, 1991

Item No. X - Logs & test data have previously been submitted.

INJECTION WELL DATA SHEET

OPERATOR: Amerada Hess CorporationWELL NAME & NUMBER: North Monument Grayburg San Andres Unit, Blk. 11, Well No. 6, API No. 30-025-05721, State Lse. No. A-4096-5WELL LOCATION: 1980' FNL & 1980' FWL F UNIT LETTER SECTION TOWNSHIP RANGE
FOOTAGE LOCATIONWELLBORE SCHEMATICWELL CONSTRUCTION DATASurface CasingHole Size: 17-1/2" Casing Size: 12-1/2" 40# @ 162'Cemented with: 150 sx. or _____ ft³Top of Cement: Surface Method Determined: CalculatedIntermediate CasingHole Size: 11" Casing Size: 9-5/8" 36# @ 2510'Cemented with: 450 sx. or _____ ft³Top of Cement: Surface Method Determined: CalculatedProduction CasingHole Size: 8-3/4" Casing Size: 7" 24# @ 3815'Cemented with: 100 sx. or _____ ft³Top of Cement: 3150' Method Determined: CalculatedTotal Depth: 3945'Injection IntervalPerfs. fr. 3766 feet to 3815'Open Hole fr. 3815 feet to 3945'

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEETTubing Size: 2-3/8" Lining Material: PE or FG LinedType of Packer: Plastic Coated AD-1 or Arrowset 1-XS PackerPacker Setting Depth: +/- 3716'

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____ Yes X No

If no, for what purpose was the well originally drilled? Grayburg San Andres Producer

2. Name of the Injection Formation: Grayburg San Andres

3. Name of Field or Pool (if applicable): Eunice Monument Grayburg San Andres

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. _____ No

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: _____

Higher Gas Zone: Eumont at +/- 3642'

Lower Oil Zone: Paddock at +/- 5050'

(Depths are from markers at Monument Abo Unit #1 Well, per Unit Agreement.)

NMGSAU #1106

1980' FNL & 1980' FWL
Section 29, T-19S, R-37E
Lea County, NM
API # 30-025-05721

12 1/2" 40# CASING at 162'
Cemented w/ 150 sx
TDC @ Surface (Calculated)
Hole Size 17 1/2"

9-5/8" 36# CASING AT 2510'
Cemented w/ 450 sx
TDC @ Surface (Calculated)
Hole Size 11"

2-3/8" PE/FG-lined Tubing
Arrowset 1-XS or AD-1
Packer at 3716'

3640'
TOP OF GRAYBURG

PERFS: 3766-3815'

7" 24# CASING 3815'
Cemented w/ 100 sx
TDC @ 3150' (Calculated)
Hole Size 8-3/8"

D.H. fr/ 3815'-3945'

TD 3945'

INJECTION WELL DATA SHEET

OPERATOR: Amerada Hess CorporationWELL NAME & NUMBER: North Monument Grayburg San Andres Unit, Blk. 11, Well No. 8, API No. 30-025-05737, State Lse. No. B-1330-1WELL LOCATION: 1980' FNL & 660' FEL H 29 19S 37E
FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGEWELLBORE SCHEMATICWELL CONSTRUCTION DATASurface Casing

Hole Size: 15-1/2" Casing Size: 13" 45# @ 221'

Cemented with: 175 sx. or ft³

Top of Cement: Surface Method Determined: Calculated

Intermediate Casing

Hole Size: 11" Casing Size: 9-5/8" 36# @ 1325'

Cemented with: 300 sx. or ft³

Top of Cement: Surface Method Determined: Calculated

Production Casing

Hole Size: 8-1/4" Casing Size: 7" 24# @ 3800'

Cemented with: 300 sx. or ft³

Top of Cement: 914' Method Determined: Calculated

Total Depth: 3960'

Injection Interval

Open Hole fr. 3800 feet to 3960'

 feet to

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEETTubing Size: 2-3/8" Lining Material: PE or FG LinedType of Packer: Plastic Coated AD-1 or Arrowset 1-XS PackerPacker Setting Depth: +/- 3750'

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data1. Is this a new well drilled for injection? _____ Yes X No _____If no, for what purpose was the well originally drilled? Grayburg San Andres Producer2. Name of the Injection Formation: Grayburg San Andres3. Name of Field or Pool (if applicable): Eunice Monument Grayburg San Andres4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: _____

Higher Gas Zone: Eumont at +/- 3642'Lower Oil Zone: Paddock at +/- 5050'(Depths are from markers at Monument Abo Unit #1 Well, per Unit Agreement.)

NMGSAU #1108

1980' FNL & 660' FEL
Section 29, T-19S, R-37E
Lea County, NM
API # 30-025-05737

13" 45# CASING at 221'
Cemented w/ 175 sx
TDC @ Surface (Calculated)
Hole Size 15 1/2"

9-5/8" 36# CASING AT 1325'
Cemented w/ 300 sx
TDC @ Surface (Calculated)
Hole Size 11"

2-3/8" PE/FG-lined Tubing
Arrowset 1-XS or AD-1
Packer at 3750'

TOP OF GRAYBURG

7" 24# CASING 3800'
Cemented w/ 300 sx
TDC @ 914' (Calculated)
Hole Size 8-1/4"

O.H. fr/ 3800'-3960'

TD 3960'

INJECTION WELL DATA SHEET

OPERATOR: Amerada Hess CorporationWELL NAME & NUMBER: North Monument Grayburg San Andres Unit, Blk. 11, Well No. 10, API No. 30-025-05729WELL LOCATION: 1980' FSL & 1980' FEL J 29 19S 37E
FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGEWELLBORE SCHEMATICWELL CONSTRUCTION DATASurface CasingHole Size: 13-3/8" Casing Size: 10-3/4" 32.75# @ 189'Cemented with: 200 sx. or ft³Top of Cement: Surface Method Determined: CalculatedIntermediate CasingHole Size: 9-7/8" Casing Size: 7-5/8" 26.4# @ 1378'Cemented with: 500 sx. or ft³Top of Cement: Surface Method Determined: CalculatedProduction CasingHole Size: 6-3/4" Casing Size: 5-1/2" 17# @ 3751'Cemented with: 300 sx. or ft³Top of Cement: 159' Method Determined: CalculatedTotal Depth: 3935'Injection IntervalOpen Hole fr. 3751 feet to 3935'
 feet to

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEETTubing Size: 2-3/8" Lining Material: PE or FG LinedType of Packer: Plastic Coated AD-1 or Arrowset 1-XS PackerPacker Setting Depth: +/- 3701'

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____ Yes X No

If no, for what purpose was the well originally drilled? Grayburg San Andres Producer

2. Name of the Injection Formation: Grayburg San Andres

3. Name of Field or Pool (if applicable): Eunice Monument Grayburg San Andres

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: _____

Higher Gas Zone: Eumont at +/- 3642'

Lower Oil Zone: Paddock at +/- 5050'

(Depths are from markers at Monument Abo Unit #1 Well, per Unit Agreement.)

NMGSAU #1110

1980' FSL & 1980' FEL
Section 29, T-19S, R-37E
Lea County, NM
API # 30-025-05729

10-3/4# CASING at 189'
Cemented w/ 200 sx
TDC @ Surface (Calculated)
Hole Size 13 3/8"

7-5/8" 26.4# CASING at 1378'
Cemented w/ 500 sx
TDC @ Surface (Calculated)
Hole Size 9-7/8"

2-3/8" PE/FG-lined Tubing
Arrowset 1-XS or AD-1
Packer at 3701'

3658'
TOP OF GRAYBURG

5-1/2" 17# CASING at 3751'
Cemented w/ 300 sx
TDC @ 159' (Calculated)
Hole Size 6-3/4"

D.H. fr/ 3751'-3935'

TD 3935'

WELL NAME & NUMBER: North Monument Grayburg San Andres Unit, Blk. 11, Well No. 12, API No. 30-025-05723, State Lse. B-1384-2

WELL LOCATION:	1980' FSL & 660' FWL	L	29	19S	37E
	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 17-1/2" Casing Size: 12-1/2" @ 182'

Cemented with: 200 sx. or ft³

Top of Cement: Surface Method Determined: Calculated

Intermediate Casing

Hole Size: 11" Casing Size: 8-5/8" @ 2492'
Cemented with: 500 sx. or ft³

Top of Cement: 525' Method Determined: Calculated

Production Casing

Hole Size:	<u>7-7/8"</u>	Casing Size:	<u>6-5/8" @ 3819'</u>
Cemented with:	100	or	ft ³

Top of Cement: 2807' Method Determined: Calculated

Total Depth: 3930'

Injection Interval

Perfs. & Open Hole fr. 3767 (est.) feet to 3930'
feet to _____

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEETTubing Size: 2-3/8" Lining Material: PE or FG LinedType of Packer: Plastic Coated AD-1 or Arrowset 1-XS PackerPacker Setting Depth: +/- 3717'

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____ Yes
- X
- No _____

If no, for what purpose was the well originally drilled? Grayburg San Andres Producer

2. Name of the Injection Formation:
- Grayburg San Andres

3. Name of Field or Pool (if applicable):
- Eunice Monument Grayburg San Andres

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.
- No

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: _____

Higher Gas Zone: Eumont at +/- 3642'Lower Oil Zone: Paddock at +/- 5050'(Depths are from markers at Monument Abo Unit #1 Well, per Unit Agreement.)

NMGSAU #1112

1980' FSL & 660' FWL
Section 29, T-19S, R-37E
Lea County, NM
API # 30-025-05723

12-1/2" CASING at 182'
Cemented w/ 200 sx
TDC @ Surface (Calculated)
Hole Size 17 1/2"

8-5/8" CASING at 2492'
Cemented w/ 500 sx
TDC @ 525' (Calculated)
Hole Size 11"

2-3/8" PE/FG-lined Tubing
Arrowset 1-XS or AD-1
Packer at 3717'

3646'
TOP OF GRAYBURG

6-5/8" CASING at 3819'
Cemented w/ 100 sx
TDC @ 2807' (Calculated)
Hole Size 7-7/8"

Estimated perfs 3767'-3819'
O.H. fr/ 3819'-3930'

TD 3930'

WELL NAME & NUMBER: North Monument Grayburg San Andres Unit, Blk. 11, Well No. 14, API No. 30-025-05726, State Lse. B-1962-1

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 17-1/2" Casing Size: 12-1/2" 40# @ 180'

Cemented with: 190 sx. *or* ft³

Top of Cement: Surface Method Determined: Calculated

Intermediate Casing

Hole Size: 11" Casing Size: 8-5/8" 32# @ 2508'

Cemented with: 500 sx. *or* ft³

Top of Cement: 541' Method Determined: Calculated

Production Casing

Hole Size: 7-7/8" Casing Size: 6-5/8" 20# @ 3806'

Cemented with:	100	50	25	10	5	0
ft ³	100	50	25	10	5	0

Top of Cement: 2794' Method Determined: Calculated

Total Depth: 3930'

Injection Interval

<u>Perfs. & Open Hole fr. 3756 (est.)</u>	feet to	<u>3930'</u>
	feet to	

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEETTubing Size: 2-3/8" Lining Material: PE or FG LinedType of Packer: Plastic Coated AD-1 or Arrowset 1-XS PackerPacker Setting Depth: +/- 3706'

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____ Yes X No

If no, for what purpose was the well originally drilled? Grayburg San Andres Producer

2. Name of the Injection Formation: Grayburg San Andres
3. Name of Field or Pool (if applicable): Eunice Monument Grayburg San Andres

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: _____

Higher Gas Zone: Eumont at +/- 3642'

Lower Oil Zone: Paddock at +/- 5050'

(Depths are from markers at Monument Abo Unit #1 Well, per Unit Agreement.)

NMGSAU #1114

660' FSL & 1980' FWL
Section 29, T-19S, R-37E
Lea County, NM
API # 30-025-05726

12-1/2" 40# CASING at 180'
Cemented w/ 190 sx
TDC @ Surface (Calculated)
Hole Size 17 1/2"

8-5/8" 32# CASING at 2508'
Cemented w/ 500 sx
TDC @ 541' (Calculated)
Hole Size 11"

2-3/8" PE/FG-lined Tubing
Arrowset 1-XS or AD-1
Packer at 3706'

3638'
TOP OF GRAYBURG

6-5/8" 20# CASING at 3806'
Cemented w/ 100 sx
TDC @ 2794' (Calculated)
Hole Size 7-7/8"

Estimated perms 3756'-3806'
O.H. fr/ 3806'-3930'

TD 3930'

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEETTubing Size: 2-3/8" Lining Material: PE or FG LinedType of Packer: Plastic Coated AD-1 or Arrowset 1-XS PackerPacker Setting Depth: +/- 3706'

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____ Yes X No

If no, for what purpose was the well originally drilled? Grayburg San Andres Producer

2. Name of the Injection Formation: Grayburg San Andres

3. Name of Field or Pool (if applicable): Eunice Monument Grayburg San Andres

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. _____ No

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: _____

Higher Gas Zone: Eumont at +/- 3642'

Lower Oil Zone: Paddock at +/- 5050'

(Depths are from markers at Monument Abo Unit #1 Well, per Unit Agreement.)

NMGSAU #1516

660' FSL & 660' FEL
Section 31, T-19S, R-37E
Lea County, NM
API # 30-025-05764

10-3/4" 32.75# CASING at 252'
Cemented w/ 200 sx
TDC @ Surface (Calculated)
Hole Size 13-3/8"

7-5/8" 22# CASING at 1106'
Cemented w/ 200 sx
TDC @ 175' (Calculated)
Hole Size 9-7/8"

2-3/8" PE/FG-lined Tubing
Arrowset 1-XS or AD-1
Packer at 3670'

3529'
TOP OF GRAYBURG

5-1/2" 17# casing at 3769'
Cemented w/200 sx
TDC @ 1374' (Calculated)
Hole Size 6-3/4"

Estimated perms 3720'-3769'
O.H. fr/ 3769'-3895'

TD 3895'

WELL NAME & NUMBER: North Monument Grayburg San Andres Unit, Blk. 16, Well No. 2, API No. 30-025-05783

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 17-1/2" Casing Size: 12-1/2" 40# @ 192'

Cemented with: 200 sx. or ft³

Top of Cement: Surface Method Determined: Calculated

Intermediate Casing

Hole Size: 11" Casing Size: 8-5/8" 32# @ 2492'

Cemented with: 500 sx. or ft³

Top of Cement: 132' Method Determined: Calculated

Production Casing

Hole Size: 7-7/8" Casing Size: 6-5/8" 20# @ 3795'

Cemented with: 100 sx. or ft³

Top of Cement: 2783' Method Determined: Calculated

Total Depth: 3910'

Injection Interval

<u>Perfs. & Open Hole fr. 3750 (est.)</u>	<u>feet to 3910'</u>
	feet to

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEETTubing Size: 2-3/8" Lining Material: PE or FG LinedType of Packer: Plastic Coated AD-1 or Arrowset 1-XS PackerPacker Setting Depth: +/- 3700'

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____ Yes X No

If no, for what purpose was the well originally drilled? Grayburg San Andres Producer

2. Name of the Injection Formation: Grayburg San Andres

3. Name of Field or Pool (if applicable): Eunice Monument Grayburg San Andres

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: _____

Higher Gas Zone: Eumont at +/- 3642'

Lower Oil Zone: Paddock at +/- 5050'

(Depths are from markers at Monument Abo Unit #1 Well, per Unit Agreement.)

NMGSAU #1602

660' FNL & 1980' FEL
Section 32, T-19S, R-37E
Lea County, NM
API # 30-025-05783

12-1/2" 40# CASING at 192'
Cemented w/ 200 sx
TDC @ Surface (Calculated)
Hole Size 17 1/2"

8-5/8" 32# CASING at 2492'
Cemented w/ 500 sx
TDC @ 132' (Calculated)
Hole Size 11"

2-3/8" PE/FG-lined Tubing
Arrowset 1-XS or AD-1
Packer at 3700'

3621'
TOP OF GRAYBURG

6-5/8" 20# CASING at 3795'
Cemented w/ 100 sx
TDC @ 2783' (Calculated)
Hole Size 7-7/8"

Estimated perfs 3750'-3795'
O.H. fr/ 3795-3910'

TD 3910'

WELL NAME & NUMBER: North Monument Grayburg San Andres Unit, Blk. 16, Well No. 10, API No. 30-025-05785

UNIT LETTER	SECTION	TOWNSHIP	RANGE
J	32	19S	37E

WELL CONSTRUCTION DATA
Surface Casing

Intermediate Casing

Production Casing

Hole Size: 7-7/8" Casing Size: 6-5/8" 20# @ 3795'

Cemented with: 100 sx. or ft³

Top of Cement: 2783' Method Determined: Calculated

Total Depth: 3895'

Injection Interval

Perfs. & Open Hole fr. 3729 (est.) feet to 3895'
feet to

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEETTubing Size: 2-3/8" Lining Material: PE or FG LinedType of Packer: Plastic Coated AD-1 or Arrowset 1-XS PackerPacker Setting Depth: +/- 3679'

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____ Yes X No

If no, for what purpose was the well originally drilled? Grayburg San Andres Producer

2. Name of the Injection Formation: Grayburg San Andres

3. Name of Field or Pool (if applicable): Eunice Monument Grayburg San Andres

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. _____ No

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: _____

Higher Gas Zone: Eumont at +/- 3642'

Lower Oil Zone: Paddock at +/- 5050'

(Depths are from markers at Monument Abo Unit #1 Well, per Unit Agreement.)

NMGSAU #1610

1980' FSL & 1980' FEL
Section 32, T-19S, R-37E
Lea County, NM
API # 30-025-05785

12-1/2" 40# CASING at 205'
Cemented w/ 200 sx
TDC @ Surface (Calculated)
Hole Size 17 1/2"

8-5/8" 32# CASING at 2470'
Cemented w/ 600 sx
TDC @ 110' (Calculated)
Hole Size 11"

2-3/8" PE/FG-lined Tubing
Arrowset 1-XS or AD-1
Packer at 3679'

3600'
TOP OF GRAYBURG

6-5/8" 20# CASING at 3795'
Cemented w/ 100 sx
TDC @ 2783' (Calculated)
Hole Size 7-7/8"

Estimated perms 3729'-3795'
O.H. fr/ 3795-3895'

TD 3895'

INJECTION WELL DATA SHEET

OPERATOR: Amerada Hess CorporationWELL NAME & NUMBER: North Monument Grayburg San Andres Unit, Blk. 16, Well No. 12, API No. 30-025-05796, State Lse. B-2330-10WELL LOCATION: 1980' FSL & 660' FWL L 32 19S 37E
FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGEWELLBORE SCHEMATICWELL CONSTRUCTION DATASurface CasingHole Size: 17" Casing Size: 13" 45# @ 224'
Cemented with: 250 sx. or ft³Top of Cement: Surface Method Determined: CalculatedIntermediate CasingHole Size: 12" Casing Size: 9-5/8" 36# @ 2496'
Cemented with: 600 sx. or ft³Top of Cement: 354' Method Determined: CalculatedProduction CasingHole Size: 8-3/4" Casing Size: 7" 24# @ 3829'
Cemented with: 225 sx. or ft³Top of Cement: 2332' Method Determined: Calculated
5" 15# Liner fr. 3719' - 3862' Calc. TOC at 3719'Total Depth: 3906'Injection IntervalPerfs. fr. 3726 feet to 3862'
Open Hole fr. 3862 feet to 3906'

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEETTubing Size: 2-3/8" Lining Material: PE or FG LinedType of Packer: Plastic Coated AD-1 or Arrowset 1-XS PackerPacker Setting Depth: +/- 3676'

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____ Yes X No

If no, for what purpose was the well originally drilled? Grayburg San Andres Producer

2. Name of the Injection Formation: Grayburg San Andres

3. Name of Field or Pool (if applicable): Eunice Monument Grayburg San Andres

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. _____ No

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: _____

Higher Gas Zone: Eumont at +/- 3642'

Lower Oil Zone: Paddock at +/- 5050'

(Depths are from markers at Monument Abo Unit #1 Well, per Unit Agreement.)

NMGSAU #1612

1980' FSL & 1980' FWL
Section 32, T-19S, R-37E
Lea County, NM
API # 30-025-05796

13"45# CASING at 224'
Cemented w/ 2500 sx
TDC @ Surface (Calculated)
Hole Size 17"

9-5/8" 36# CASING at 2496'
Cemented w/ 600 sx
TDC @ 354' (Calculated)
Hole Size 12"

2-3/8" PE/FG-lined Tubing
Arrowset 1-XS or AD-1
Packer at 3676'

3576'
TOP OF GRAYBURG

Perfs: 3726-34', 40-57',
66-74', 80-3822', 34-44',
52-62'

7" 24# CASING at 3829'
Cemented w/ 225 sx
TDC @ 2332' (Calculated)
Hole Size 8-3/4"
5-1/2" 15# LINER from 3719'-3862'
Calculated TDC. 3719'
O.H. fr/ 3862'-3906'

TD 3906'

INJECTION WELL DATA SHEET

OPERATOR: Amerada Hess CorporationWELL NAME & NUMBER: North Monument Grayburg San Andres Unit, Blk. 16, Well No. 14, API No. 30-025-05794WELL LOCATION: 660' FSL & 1980' FWL N 32 19S 37E
FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGEWELLBORE SCHEMATICWELL CONSTRUCTION DATASurface CasingHole Size: 15" Casing Size: 12-1/2" 50# @ 150'Cemented with: 150 sx. or ft³Top of Cement: Surface Method Determined: CalculatedIntermediate CasingHole Size: 11" Casing Size: 9-5/8" 36# @ 1170'Cemented with: 500 sx. or ft³Top of Cement: Surface Method Determined: CalculatedProduction CasingHole Size: 8-3/4" Casing Size: 7" 24# @ 3787'Cemented with: 400 sx. or ft³Top of Cement: 1126' Method Determined: CalculatedTotal Depth: 3897'Injection IntervalPerfs. & Open Hole fr. 3719 (est.) feet to 3897'
 feet to

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEETTubing Size: 2-3/8" Lining Material: PE or FG LinedType of Packer: Plastic Coated AD-1 or Arrowset 1-XS PackerPacker Setting Depth: +/- 3669'

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____

Yes X No _____If no, for what purpose was the well originally drilled? Grayburg San Andres Producer2. Name of the Injection Formation: Grayburg San Andres3. Name of Field or Pool (if applicable): Eunice Monument Grayburg San Andres4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: _____

Higher Gas Zone: Eumont at +/- 3642'Lower Oil Zone: Paddock at +/- 5050'(Depths are from markers at Monument Abo Unit #1 Well, per Unit Agreement.)

NMGSAU #1614

660' FSL & 1980' FWL
Section 32, T-19S, R-37E
Lea County, NM
API # 30-025-05794

12-1/2" 50# CASING at 150'
Cemented w/ 150 sx
TDC @ Surface (Calculated)
Hole Size 15"

9-5/8" 36# CASING at 1170'
Cemented w/ 500 sx
TDC @ Surface (Calculated)
Hole Size 11"

2-3/8" PE/FG-lined Tubing
Arrowset 1-XS or AD-1
Packer at 3669'

3582'
TOP OF GRAYBURG

7" 24# CASING at 3787'
Cemented w/400 sx
TDC @ 1126' (Calculated)
Hole Size 8-3/4"

Estimated perfs 3719'-3787'
O.H. fr/ 3787'-3897'

TD 3897'

North Monument Grayburg/San Andres Unit

0 5,139 10,278



FEET

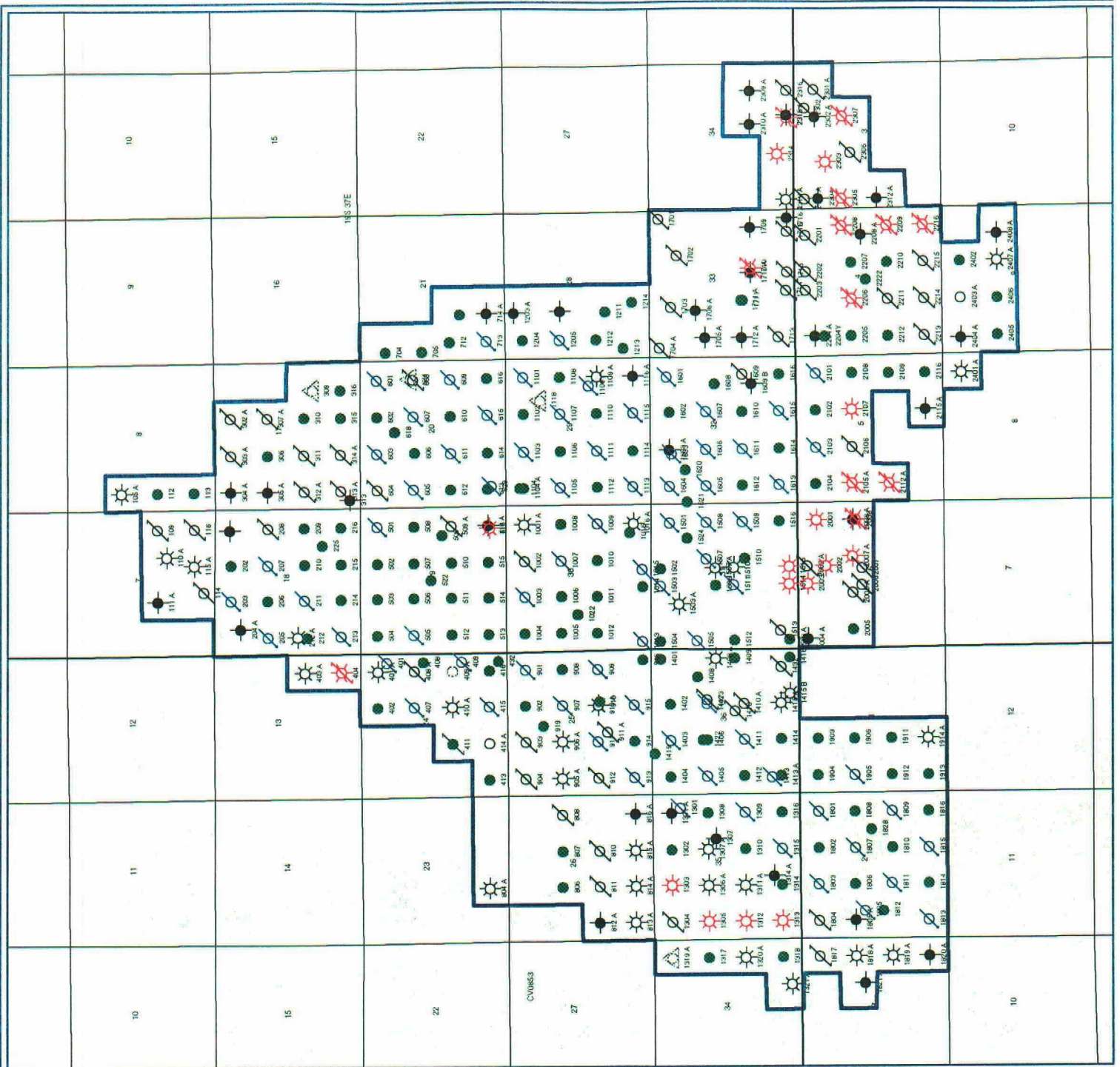
POSTED WELL DATA

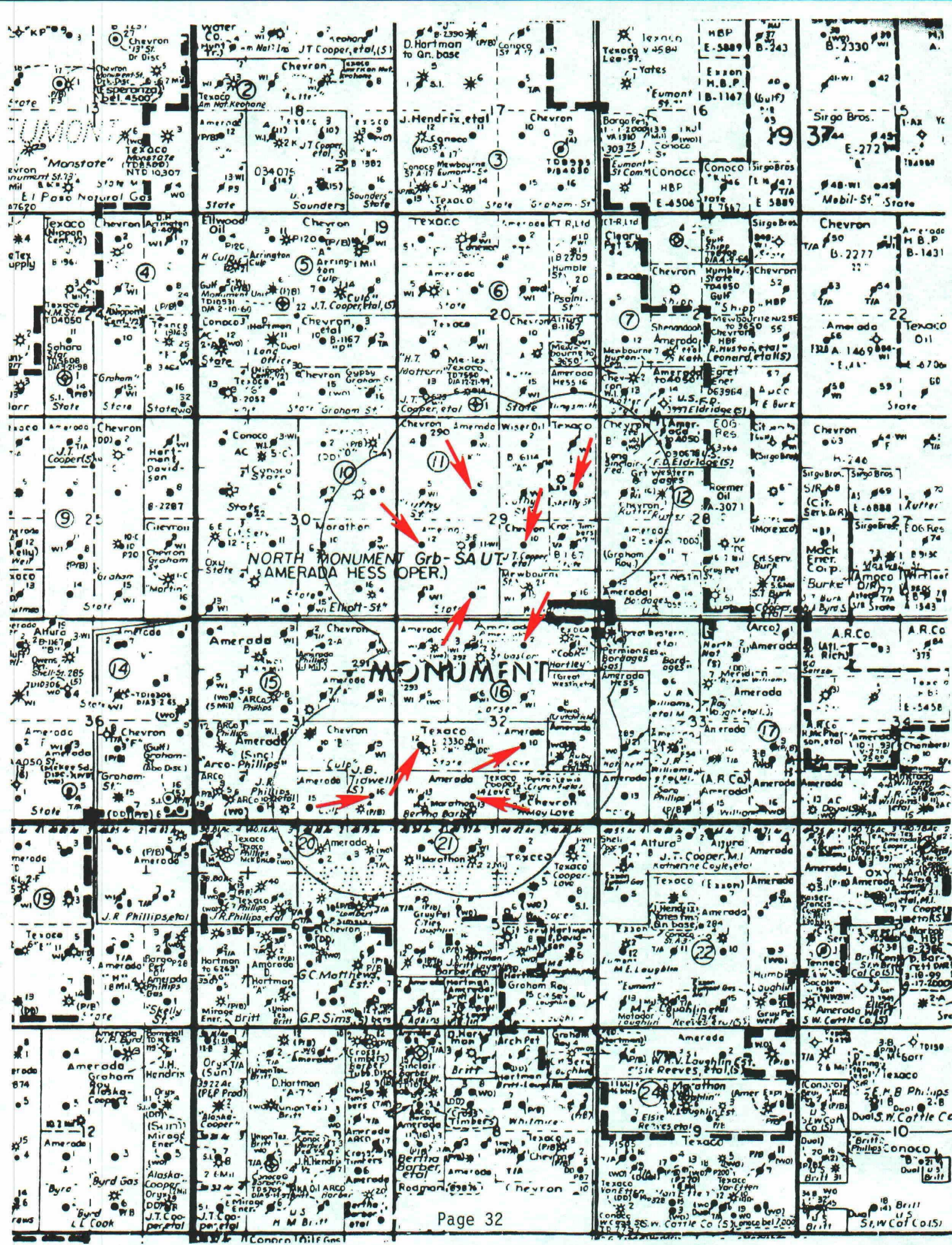
Well Number

WELL SYMBOLS

- Abandoned Gas
- Gas (Non-Unit)
- Oil Well
- Location Only
- Abandoned Oil
- Injection Well
- Temp Abandoned
- Plugged and Abandoned
- Service Well
- Gas Well

November 9, 1999 8:27 AM



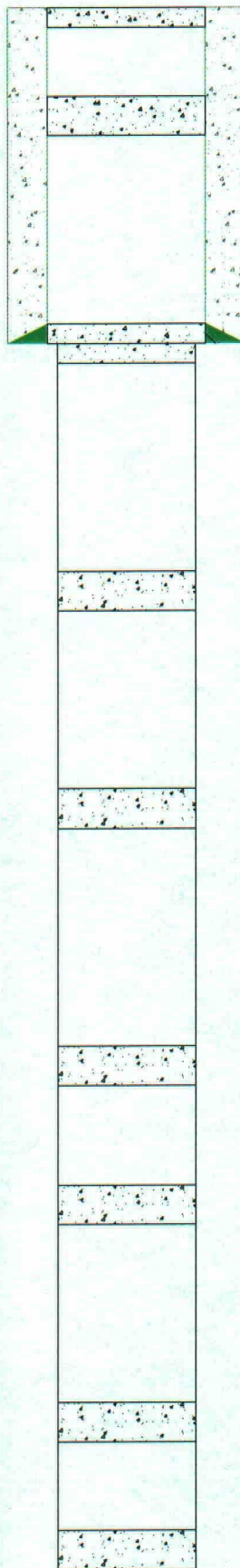


VI. TABULATION OF WELLS PENETRATING PROPOSED INJECTION ZONE

Wells not included in original C-108, within area of review

LEASE	WELL	OPERATOR	API	UNIT	LOCATION			TYPE	FIELD	DATE DRILLED	TD	COMPLETION INTERVAL	
					SEC	T	R					TOP	BOTTOM
MATTEN H T	6	TEXACO EXPLORATION & PRODUCTION INC	300253091800:00	N	20	19S	37E	GAS	EUMONT	9/17/1994	3725	2696	3642
	3	TEXACO EXPLORATION & PRODUCTION INC	300253093200:00	L	32	19S	37E	GAS	EUMONT	7/23/1990	3600	3408	3553
STATE H	3	AMERADA HESS CORPORATION	300253150300:00	C	32	19S	37E	WINJ	EUNICE MONUMENT	9/9/1992	4300	3783	3856
	18	AMERADA HESS CORPORATION	300253150500:00	B	29	19S	37E	WSW	EUNICE MONUMENT	6/23/1992	5150	4390	5070
BARBER BERTHA	13	MARATHON OIL COMPANY	300253238400:00	N	32	19S	37E	GAS	EUMONT	2/3/1994	3727	3390	3494
	14	MARATHON OIL COMPANY	300253238500:00	M	32	19S	37E	GAS	EUMONT	8/12/1994	3650	2980	3471
BARBER BERTHA	15	MARATHON OIL COMPANY	300253253200:00	C	5	20S	37E	GAS	EUMONT	11/11/1994	3760	3267	3436
	4	TEXACO EXPLORATION & PRODUCTION INC	300253258700:00	K	32	19S	37E	GAS	EUMONT	6/6/1995	3650	3290	3574
COOPER LOVE GAS UNIT	3	TEXACO EXPLORATION & PRODUCTION INC	300253258700:00	O	32	19S	37E	GAS	EUMONT	7/6/1995	3630	3292	3538
	3	AMERADA HESS CORPORATION	300253301300:00	D	32	19S	37E	GAS	EUMONT	9/24/1995	3788	3448	3570
STATE 'J' GAS COM	2	PERMIAN RESOURCES INCORPORATED	300253312500:00	A	32	19S	37E	GAS	EUMONT	2/5/1996	3808	3382	3653
	2	MEWBOURNE OIL COMPANY	300253322600:00	O	29	19S	37E	GAS	EUMONT	5/22/1997	4025	3480	3620
BORDAGES N B GAS COM	291	AMERADA HESS CORPORATION	3002533398200:00	H	31	19S	37E	OIL	EUNICE MONUMENT	9/11/1997	3933	3773	3930
	282	AMERADA HESS CORPORATION	300253399600:00	F	32	19S	37E	OIL	EUNICE MONUMENT	8/6/1997	3930	3765	3925
STATE 'F' COM	283	AMERADA HESS CORPORATION	300253399700:00	E	32	19S	37E	OIL	EUNICE MONUMENT	12/4/1999	7550	3752	3914
	1	ME-TEX OIL AND GAS, INC.	300253477000:00	N	20	19S	37E	DRY	WILDCAT				
TEXACO 20													

Me-tex Texaco 20 #1
330' FSL & 1980' FWL
Section 20, T-19S, R-37E
Lea County, NM
API # 30-025-34770



8-5/8" CASING at 1349'
Cemented w/ 700 sx
TDC @ Surface (Calculated)
Hole Size 11"

WELL WAS DRILLED AND
ABANDONED AS FOLLOWS:
35 SX CL C PLUGS AT:
7450-7550'
5900-6000'
5350-5450'
3650-3750'
2400-2500'
1300-1400'
250-350'

10 SX CL C AT SURFACE
4" STEEL MARKER IN CMT

7-7/8" O.H. fr/ 1349'-7550'

TD 7550'

C-108 ATTACHMENT

A. Section VII - Data on Proposed Operation

1. Proposed Average & Maximum Daily Rate and Volume of Fluids to be Injected:

Average Daily Rate: 400 B.W./D.
Maximum Daily Rate: 2500 B.W./D.

2. Open or Close System:

Injection system is a closed system.

3. Proposed Average & Maximum* Injection Pressures:

Average injection pressure: 710 PSI

WELL NAME	TOP PERF	MAX P
1106	3766	753
1108	3800	760
1110	3751	750
1112	3767	753
1114	3756	751
1516	3720	744
1602	3750	750
1610	3729	746
*1612	3726	745
1614	3719	744

*Until a fracture gradient is determined, maximum injection pressure will be based on a .2 PSI/foot gradient to depth of top of completion.

4. Sources of Appropriate Analysis of Injection Fluid:

The source of injection water will be from San Andres water supply wells and produced water from existing North Monument Grayburg San Andres Unit producers. The San Andres formation is compatible with the produced water from the unit wells.

B. Section IX. Proposed Stimulation Program:

1. NMGSAU Well Nos. 1106, 1108, 1110, 1112, 1114, 1516, 1602, 1610, 1612, & 1614.

Acidize each well w/2000 - 4000 gal. 15% NEFE acid.

C-108 ATTACHMENT

A. Sections VIII & XIV – Proof of Notice.

1. Surface Owners – Application mailed by Certified Mail to following:
 - New Mexico State Land Office
Commissioner of Public Lands
Ray Powell, M.S., D.V.M.
310 Old Santa Fe Trail
P. O. Box 1148
Santa Fe, New Mexico 87504-1148
 - Attn: Lea County Manager
Lea County Courthouse
100 N. Main, Suite 4
Lovington, New Mexico 88260
 - J. Dell Barber Estate, Jimmie T. Cooper
P. O. Box 55
Monument, New Mexico 88265
 - James Byrd (Byrd Ranch)
P. O. Box 32
Monument, New Mexico 88265
 - Jimmie T. Cooper
P. O. Box 55
Monument, New Mexico 88265
 - Jimmie B. Cooper
P. O. Box 36
Monument, New Mexico 88265
 - Edwin Johnston
P. O. Box 152
Monument, New Mexico 88265
 - Charles L. Long
P. O. Box 12
Monument, New Mexico 88265
 - Snyder Ranches, Inc.
P. O. Box 2158
Hobbs, New Mexico 88241
2. Leasehold Operators within ½ mile of proposed injection wells – application mailed by Certified Mail to following:
 - ARCO Permian
P. O. Box 1089
Eunice, New Mexico 88231
 - Chevron U.S.A., Inc.
P. O. Box 1150
Midland, Texas 79702
 - Graham Royalty Limited
1675 Larimer St., Suite 400
Denver, Colorado 80202

A. Sections VIII & XIV - Proof of Notice

2. Leasehold Operators - Continued

- Marathon Oil Company
P. O. Box 552
Midland, Texas 79702
- Mewbourne Oil Company
P. O. Box 5270
Hobbs, New Mexico 88241
- Permian Resources, Inc.
P. O. Box 590
608 N. Main St., Ste. 200
Midland, Texas 79702
- Texaco Exploration & Production, Inc.
P. O. Box 3109
Midland, Texas 79702

3. Publication – (Attached)

AFFIDAVIT OF PUBLICATION

State of New Mexico,
County of Lea.

I, KATHI BEARDEN

Publisher

of the Hobbs News-Sun, a
newspaper published at
Hobbs, New Mexico, do solemnly
swear that the clipping attached
hereto was published once a
week in the regular and entire
issue of said paper, and not a
supplement thereof for a period.

of _____ 1

_____ weeks.

Beginning with the issue dated

February 1 2001

and ending with the issue dated

February 1 2001

Kathi Bearden

Publisher

Sworn and subscribed to before

me this _____ 1st _____ day of

February 2001

Jodi Benson

Notary Public.

My Commission expires
October 18, 2004
(Seal)

This newspaper is duly qualified
to publish legal notices or adver-
tisements within the meaning of
Section 3, Chapter 167, Laws of
1937, and payment of fees for
said publication has been made.

LEGAL NOTICE
February 1, 2001

Amerada Hess Corporation, operator of record for the North Monument Grayburg San Andres Unit, (NMGSAU), hereby notifies of their desire to inject water into the following ten wells: NMGSAU Well No. 1106, located in Unit F, Sec. 29, T19S, R37E; NMGSAU Well No. 1108, located in Unit H, Sec. 29, T19S, R37E; NMGSAU Well No. 1110, located in Unit J, Sec. 29, T19S, R37E; NMGSAU Well No. 1112, located in Unit L, Sec. 29, T19S, R37E; NMGSAU Well No. 1114, located in Unit N, Sec. 29, T19S, R37E; NMGSAU Well No. 1516, located in Unit P, Sec. 31, T19S, R37E; NMGSAU Well No. 1602, located in Unit B, Sec. 32, T19S, R37E; NMGSAU Well No. 1610, located in Unit J, Sec. 32, T19S, R37E; NMGSAU Well No. 1612, located in Unit L, Sec. 32, T19S, R37E; & NMGSAU Well No. 1614, located in Unit N, Sec. 32, T19S, R37E, Lea County, N.M. The NMGSAU "Authorization to Inject" is covered under State of New Mexico, Energy, Minerals and Natural Resources Department, Oil Conservation Division Case No. 10252, Division Order No. R-9596. Amerada Hess Corporation hereby gives notice that application has been made for administrative regulatory amendment of Exhibit "A" of said division order to include the aforementioned wells to inject water into Grayburg San Andres formation, Eunice Monument Grayburg San Andres pool through the gross perforated and/or open hole interval from approximately 3719 feet to 3960 feet with a maximum injection pressure of 0.2 PSI/FT, to top perf. Contact Mr. Chad McGehee, Amerada Hess Corporation, P.O. Box 840, Seminole, Texas 79360, Phone 915-758-6707 concerning questions regarding application. Objections or requests for hearing concerning this application should be filed with the State of New Mexico, Energy, Minerals and Natural Resources Department, Oil Conservation Division, 1220 S. St. Francis Dr., Santa Fe, New Mexico 87504 within 15 days of this publication.

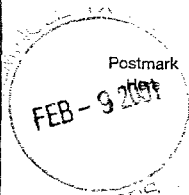
#17896

01100986000 02544392
AMERADA HESS CORPORATION
PO BOX 840
SEMINOLE, TX 79360

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

Article Sent To:

Postage	\$ 1.81
Certified Fee	1.90
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 3.71



Name (Please Print Clearly) (To be completed by mailer)

Lee County Mgr. Lee County Courthouse
Street, Apt. No.; or PO Box No.
100 N. Main, Suite 4
City, State, ZIP+4
Livingston, N.M. 88260

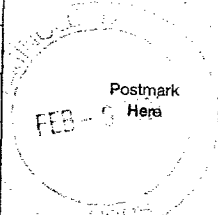
PS Form 3800, July 1999

See Reverse for Instructions

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

Article Sent To:

Postage	\$ 1.81
Certified Fee	1.90
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 3.71



Name (Please Print Clearly) (To be completed by mailer)

James Byrd (Byrd Ranch)
Street, Apt. No.; or PO Box No.
P.O. Box 32
City, State, ZIP+4
Monument, N.M. 88265

PS Form 3800, July 1999

See Reverse for Instructions

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

Article Sent To:

Postage	\$ 1.81
Certified Fee	1.90
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 3.71



Name (Please Print Clearly) (To be completed by mailer)

Jimmie B. Cooper
Street, Apt. No.; or PO Box No.
P.O. Box 36
City, State, ZIP+4
Monument, N.M. 88265

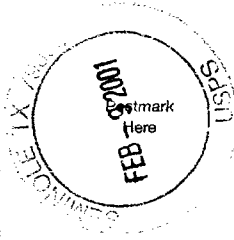
PS Form 3800, July 1999

See Reverse for Instructions

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

Article Sent To:

Postage	\$ 1.81
Certified Fee	1.90
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 3.71



Name (Please Print Clearly) (To be completed by mailer)

Commissioner of Public Lands - St. of N.M.
Street, Apt. No.; or PO Box No.
310 Old Santa Fe Tr., P.O. Box 1148
City, State, ZIP+4
Santa Fe, N.M. 87504-1148

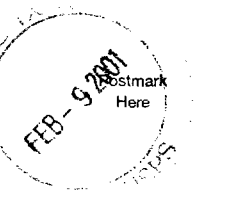
PS Form 3800, July 1999

See Reverse for Instructions

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

Article Sent To:

Postage	\$ 1.81
Certified Fee	1.90
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 3.71



Name (Please Print Clearly) (To be completed by mailer)

J. Dell Barber Eite Jr., Jimmie T. Cooper
Street, Apt. No.; or PO Box No.
P.O. Box 55
City, State, ZIP+4
Monument, N.M. 88265

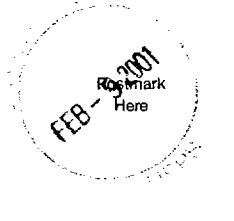
PS Form 3800, July 1999

See Reverse for Instructions

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

Article Sent To:

Postage	\$ 1.81
Certified Fee	1.90
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 3.71



Name (Please Print Clearly) (To be completed by mailer)

Jimmie T. Cooper
Street, Apt. No.; or PO Box No.
P.O. Box 55
City, State, ZIP+4
Monument, N.M. 88265

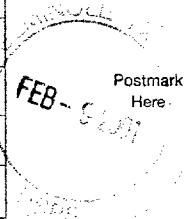
PS Form 3800, July 1999

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Total Postage & Fees	\$ 3.71



Name (Please Print Clearly) (To be completed by mailer)

Charles L. Long
Street, Apt. No., or PO Box No.
P.O. Box 12
City, State, ZIP+4
MOMUMENT, N.M. 88265

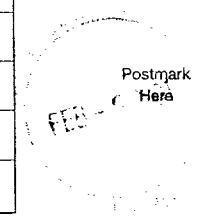
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Name (Please Print Clearly) (To be completed by mailer)

Edwin Johnson
Street, Apt. No., or PO Box No.
P.O. Box 152
City, State, ZIP+4
MOMUMENT, N.M. 88265

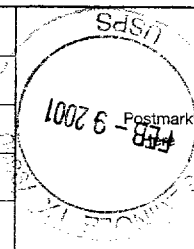
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Name (Please Print Clearly) (To be completed by mailer)

ARCO Permian
Street, Apt. No., or PO Box No.
P.O. Box 1089
City, State, ZIP+4
Elmwood, N.M. 88231

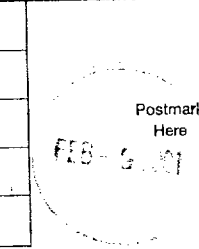
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Name (Please Print Clearly) (To be completed by mailer)

Snyder Rancher Inc.
Street, Apt. No., or PO Box No.
P.O. Box 2158
City, State, ZIP+4
Hobbs, N.M. 88241

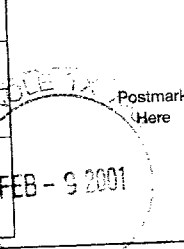
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Name (Please Print Clearly) (To be completed by mailer)

Graham Royalty Limited
Street, Apt. No., or PO Box No.
1675 Larimer St., Suite 400
City, State, ZIP+4
DENVER, Colorado 80202

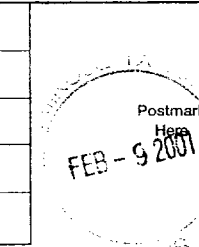
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Name (Please Print Clearly) (To be completed by mailer)

Chevron U.S.A. Inc.
Street, Apt. No., or PO Box No.
P.O. Box 1150
City, State, ZIP+4
Midland Tx. 79702

PS Form 3800, July 1999

See Reverse for Instructions

U.S. Postal Service
CERTIFIED MAIL RECEIPT
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Postmark
Here
FEB 1 1999

Name (Please Print Clearly) (To be completed by mailer)

Mewbourn Oil Company

Street, Apt. No., or PO Box No.

P.O. Box 5270

City, State, ZIP+4

No 8th N.M. 80241

PS Form 3800, July 1999

See Reverse for Instructions

U.S. Postal Service
CERTIFIED MAIL RECEIPT
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Article Sent To:

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Postmark
Here
FEB 1 1999

Name (Please Print Clearly) (To be completed by mailer)

Mara-Thon Oil Company

Street, Apt. No., or PO Box No.

P.O. Box 552

City, State, ZIP+4

Midland, Tx. 79702

PS Form 3800, July 1999

See Reverse for Instructions

U.S. Postal Service
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Restricted Delivery Fee (Endorsement Required)	
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Postmark
Here
FEB 1 1999

Name (Please Print Clearly) (To be completed by mailer)

Texasco Exploration & Production Inc.

Street, Apt. No., or PO Box No.

P.O. Box 3109

City, State, ZIP+4

Midland, Texas 79702

PS Form 3800, July 1999

See Reverse for Instructions

U.S. Postal Service
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Postmark
Here
FEB 1 1999

Name (Please Print Clearly) (To be completed by mailer)

Permian Resources, Inc.

Street, Apt. No., or PO Box No.

P.O. Box 590, 608 N. Main, Ste. 200

City, State, ZIP+4

Midland, Tx. 79702

PS Form 3800, July 1999

See Reverse for Instructions

AMERADA HESS CORPORATION

P. O. BOX 840
SEMINOLE, TEXAS 79360
915-758-6700

February 8, 2001

New Mexico State Land Office
Commissioner of Public Lands
Ray Powell, M.S., D.V.M.
310 Old Santa Fe Trail
P. O. Box 1148
Santa Fe, New Mexico 87504-1148

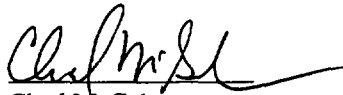
Re: Application for Amended Injection Permit
North Monument Grayburg San Andres Unit
Lea County, New Mexico

Dear Sir,

Enclosed, for your information is a copy of Form C-108 and supporting documents filed with State of New Mexico Oil Conservation Division requesting administrative approval to add North Monument Grayburg San Andres Unit Well Nos. 1106, 1108, 1110, 1112, 1114, 1516, 1602, 1610, 1612, and 1614 as water injection wells to unit.

If additional information is needed, please let us know at your earliest convenience at above address or phone (915) 758-6707.

Sincerely,



Chad McGehee
Petroleum Engineer

AMERADA HESS CORPORATION

P. O. BOX 840
SEMINOLE, TEXAS 79360
915-758-6700

February 8, 2001

Attn: Lea County Manager
Lea County Courthouse
100 N. Main, Suite 4
Lovington, New Mexico 88260

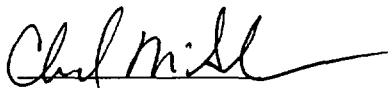
Re: Application for Amended Injection Permit
North Monument Grayburg San Andres Unit
Lea County, New Mexico

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Sincerely,



Chad McGehee
Petroleum Engineer

AMERADA HESS CORPORATION

P. O. BOX 840
SEMINOLE, TEXAS 79360
915-758-6700

February 8, 2001

J. Dell Barber Estate, Jimmie T. Cooper
P. O. Box 55
Monument, New Mexico 88265

Re: Application for Amended Injection Permit
North Monument Grayburg San Andres Unit
Lea County, New Mexico

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Sincerely,

A handwritten signature in black ink, appearing to read "Chad McGehee", with a long, sweeping horizontal line extending to the right.

Chad McGehee
Petroleum Engineer

AMERADA HESS CORPORATION

P. O. BOX 840
SEMINOLE, TEXAS 79360
915-758-6700

February 8, 2001

James Byrd (Byrd Ranch)
P. O. Box 32
Monument, New Mexico 88265

Re: Application for Amended Injection Permit
North Monument Grayburg San Andres Unit
Lea County, New Mexico

Dear Sir,

Enclosed, for your information is a copy of Form C-108 and supporting documents filed with State of New Mexico Oil Conservation Division requesting administrative approval to add North Monument Grayburg San Andres Unit Well Nos. 1106, 1108, 1110, 1112, 1114, 1516, 1602, 1610, 1612, and 1614 as water injection wells to unit.

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Chad McGehee
Petroleum Engineer

AMERADA HESS CORPORATION

P. O. BOX 840
SEMINOLE, TEXAS 79360
915-758-6700

February 8, 2001

Jimmie T. Cooper
P. O. Box 55
Monument, New Mexico 88265

Re: Application for Amended Injection Permit
North Monument Grayburg San Andres Unit
Lea County, New Mexico

Dear Sir,

Enclosed, for your information is a copy of Form C-108 and supporting documents filed with State of New Mexico Oil Conservation Division requesting administrative approval to add North Monument Grayburg San Andres Unit Well Nos. 1106, 1108, 1110, 1112, 1114, 1516, 1602, 1610, 1612, and 1614 as water injection wells to unit.

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Sincerely,


Chad McGehee
Petroleum Engineer

AMERADA HESS CORPORATION

P. O. BOX 840
SEMINOLE, TEXAS 79360
915-758-6700

February 8, 2001

Jimmie B. Cooper
P. O. Box 36
Monument, New Mexico 88265

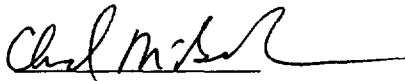
Re: Application for Amended Injection Permit
North Monument Grayburg San Andres Unit
Lea County, New Mexico

Dear Sir,

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Sincerely,


Chad McGehee
Petroleum Engineer

AMERADA HESS CORPORATION

P. O. BOX 840
SEMINOLE, TEXAS 79360
915-758-6700

February 8, 2001

Texaco Exploration & Production, Inc.
P. O. Box 3109
Midland, Texas 79702

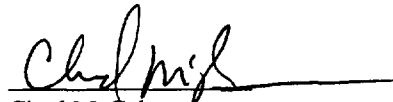
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North Monument Grayburg San Andres Unit
Lea County, New Mexico

Dear Sir,

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Sincerely,

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Chad McGehee
Petroleum Engineer

AMERADA HESS CORPORATION

P. O. BOX 840
SEMINOLE, TEXAS 79360
915-758-6700

February 8, 2001

Edwin Johnston
P. O. Box 152
Monument, New Mexico 88265

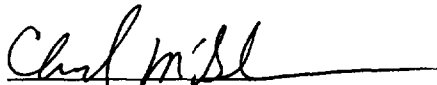
Re: Application for Amended Injection Permit
North Monument Grayburg San Andres Unit
Lea County, New Mexico

Dear Sir,

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Sincerely,


Chad McGehee
Petroleum Engineer

AMERADA HESS CORPORATION

P. O. BOX 840
SEMINOLE, TEXAS 79360
915-758-6700

February 8, 2001

Charles L. Long
P. O. Box 12
Monument, New Mexico 88265

Re: Application for Amended Injection Permit
North Monument Grayburg San Andres Unit
Lea County, New Mexico

Dear Sir,

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Sincerely,


Chad McGehee
Petroleum Engineer

AMERADA HESS CORPORATION

P. O. BOX 840
SEMINOLE, TEXAS 79360
915-758-6700

February 8, 2001

Snyder Ranches Inc.
P. O. Box 2158
Hobbs, New Mexico 88241

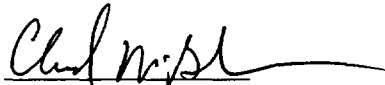
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Lea County, New Mexico

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Sincerely,

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Chad McGehee
Petroleum Engineer

AMERADA HESS CORPORATION

P. O. BOX 840
SEMINOLE, TEXAS 79360
915-758-6700

February 8, 2001

ARCO Permian
P. O. Box 1089
Eunice, New Mexico 88231

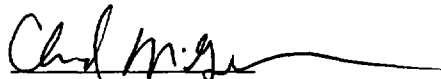
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North Monument Grayburg San Andres Unit
Lea County, New Mexico

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Sincerely,


Chad McGehee
Petroleum Engineer

AMERADA HESS CORPORATION

P. O. BOX 840
SEMINOLE, TEXAS 79360
915-758-6700

February 8, 2001

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

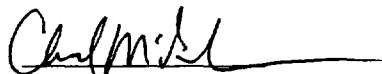
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North Monument Grayburg San Andres Unit
Lea County, New Mexico

Dear Sir,

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Sincerely,


Chad McGehee
Petroleum Engineer

AMERADA HESS CORPORATION

P. O. BOX 840
SEMINOLE, TEXAS 79360
915-758-6700

February 8, 2001

Graham Royalty Limited
1675 Larimer., Suite 400
Denver, Colorado 80202

Re: Application for Amended Injection Permit
North Monument Grayburg San Andres Unit
Lea County, New Mexico

Dear Sir,

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Sincerely,


Chad McGehee
Petroleum Engineer

AMERADA HESS CORPORATION

P. O. BOX 840
SEMINOLE, TEXAS 79360
915-758-6700

February 8, 2001

Marathon Oil Company
P. O. Box 552
Midland, Texas 79702

Re: Application for Amended Injection Permit
North Monument Grayburg San Andres Unit
Lea County, New Mexico

Dear Sir,

Enclosed, for your information is a copy of Form C-108 and supporting documents filed with State of New Mexico Oil Conservation Division requesting administrative approval to add North Monument Grayburg San Andres Unit Well Nos. 1106, 1108, 1110, 1112, 1114, 1516, 1602, 1610, 1612, and 1614 as water injection wells to unit.

If additional information is needed, please let us know at your earliest convenience at above address or phone (915) 758-6707.

Sincerely,


Chad McGehee
Petroleum Engineer

AMERADA HESS CORPORATION

P. O. BOX 840
SEMINOLE, TEXAS 79360
915-758-6700

February 8, 2001

Mewbourne Oil Company
P. O. Box 5270
Hobbs, New Mexico 88241

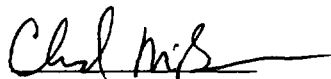
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North Monument Grayburg San Andres Unit
Lea County, New Mexico

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If additional information is needed, please let us know at your earliest convenience at above address or phone (915) 758-6707.

Sincerely,



Chad McGehee
Petroleum Engineer

AMERADA HESS CORPORATION

P. O. BOX 840
SEMINOLE, TEXAS 79360
915-758-6700

February 8, 2001

Permian Resources, Inc.
P. O. Box 590
608 N. Main St., Ste. 200
Midland, Texas 79702

Re: Application for Amended Injection Permit
North Monument Grayburg San Andres Unit
Lea County, New Mexico

Dear Sir,

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If additional information is needed, please let us know at your earliest convenience at above address or phone (915) 758-6707.

Sincerely,

A handwritten signature in dark ink, appearing to read "Chad McGehee", followed by a horizontal line extending to the right.

Chad McGehee
Petroleum Engineer