PMX 3/24/00

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501

FORM C-108
Revised 7-1-81

APPLICATION FOR AUTHORIZATION TO INJECT

I. Purpose: ☐ Secondary Recovery ☒ Pressure Maintenance ☐ Disposal ☐ Storage
Application qualifies for administrative approval? ☐ yes ☐ no

II. Operator: Phillips Petroleum Company

Address: 4001 Penbrook St., Odessa, TX 79762

Contact party: Celeste Dale Phone: 915/368-1667

III. Well data: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.

IV. Is this an expansion of an existing project? ☒ yes ☐ no
If yes, give the Division order number authorizing the project R-6856, R-5897, PMX-191

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:

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OIL CONSERVATION DIVISION

1. Proposed average and maximum daily rate and volume of fluids to be injected;
2. Whether the system is open or closed;
3. Proposed average and maximum injection pressure;
4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and
5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well. attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).

*VIII. Attach appropriate geological data on the injection zone including appropriate lithologic detail, geological name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such source known to be immediately underlying the injection interval.

IX. Describe the proposed stimulation program, if any.

* X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division they need not be resubmitted.)

* XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.

XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.

XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.

XIV. Certification

I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: L. M. Sanders 915/368-1488 Title Supervisor, Regulation/Proration

Signature: L. M. Sanders Date: March 6, 2000

* 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. 10/25/78, Case 6367, Order #R-5897 appvd. 01/16/79, amended 11/19/81

Case #7426, Order #R-6856, appvd. 12/16/81, amended 01/11/90.

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate Division district office.

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 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.

Side 1

INJECTION WELL DATA SHEET

OPERATOR: Phillips Petroleum Company

WELL NAME & NUMBER: Vacuum GB/SA Unit East Tract 3127 Well No. 395 30-025-34832

WELL LOCATION:	2630' FSL & 645' FEL	I	31	17-S	35-E
	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 11" Casing Size: 8-5/8"

Cemented with: 550 sx. *or* _____ ft³

Top of Cement: Surface Method Determined: Circ.

Intermediate Casing

Hole Size: _____ Casing Size: _____

Cemented with: _____ sx. *or* _____ ft³

Top of Cement: _____ Method Determined: _____

Production Casing

Hole Size: 7-7/8" Casing Size: 5-1/2"

Cemented with: 900 sx. *or* _____ ft³

Top of Cement: Surface Method Determined: Circ.

Total Depth: 4850'

Injection Interval

4320' feet to 4700'

(Perforated or Open Hole; indicate which)

Perforated

INJECTION WELL DATA SHEET

Tubing Size: 2-7/8" Lining Material: Plastic Coating

Type of Packer: 5.5 Guiberson

Packer Setting Depth: 4300'

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

Additional Data

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

   If no, for what purpose was the well originally drilled? _____

2. Name of the Injection Formation: San Andres

3. Name of Field or Pool (if applicable): Vacuum 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:

   Queen @ 3690'

   Glorieta @ 5800'

Side 1

INJECTION WELL DATA SHEET

OPERATOR: Phillips Petroleum Company

WELL NAME & NUMBER: Vacuum GB/SA Unit East Tract 3127 Well No. 396 30-025-34833

WELL LOCATION:	2630' FSL & 1950' FEL	J	31	17-S	35-E
	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 11" Casing Size: 8-5/8"

Cemented with: 550 sx. *or* _____ ft³

Top of Cement: Surface Method Determined: Circ.

Intermediate Casing

Hole Size: _____ Casing Size: _____

Cemented with: _____ sx. *or* _____ ft³

Top of Cement: _____ Method Determined: _____

Production Casing

Hole Size: 7-7/8" Casing Size: 5-1/2"

Cemented with: 900 sx. *or* _____ ft³

Top of Cement: Surface Method Determined: Circ.

Total Depth: 4850'

Injection Interval

4320' feet to 4700'

(Perforated or Open Hole; indicate which)

Perforated

INJECTION WELL DATA SHEET

Tubing Size: 2-7/8" Lining Material: Plastic Coating

Type of Packer: 5.5 Guiberson

Packer Setting Depth: 4300'

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

Additional Data

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

   If no, for what purpose was the well originally drilled? _____

2. Name of the Injection Formation: San Andres

3. Name of Field or Pool (if applicable): Vacuum 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:

   Queen @ 3690'

   Glorieta @ 5800'

Side 1

INJECTION WELL DATA SHEET

OPERATOR: Phillips Petroleum Company

WELL NAME & NUMBER: Vacuum GB/SA Unit East Tract 3127 Well No. 398 30-025-34835

WELL LOCATION:	1350' FSL & 2165' FEL	J	31	17-S	35-E
	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 11" Casing Size: 8-5/8"

Cemented with: 550 sx. *or* _____ ft³

Top of Cement: Surface Method Determined: Circ.

Intermediate Casing

Hole Size: _____ Casing Size: _____

Cemented with: _____ sx. *or* _____ ft³

Top of Cement: _____ Method Determined: _____

Production Casing

Hole Size: 7-7/8" Casing Size: 5-1/2"

Cemented with: 900 sx. *or* _____ ft³

Top of Cement: Surface Method Determined: Circ.

Total Depth: 4850'

Injection Interval

4320' feet to 4700'

(Perforated or Open Hole; indicate which)

Perforated

INJECTION WELL DATA SHEET

Tubing Size: 2-7/8" Lining Material: Plastic Coating

Type of Packer: 5.5 Guiberson

Packer Setting Depth: 4300'

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

Additional Data

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

   If no, for what purpose was the well originally drilled? _____

2. Name of the Injection Formation: San Andres

3. Name of Field or Pool (if applicable): Vacuum 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:

   Queen @ 3690'

   Glorieta @ 5800'

Side 1

INJECTION WELL DATA SHEET

OPERATOR: Phillips Petroleum Company

WELL NAME & NUMBER: Vacuum GB/SA Unit East Tract 3127 Well No. 399 30-025-34836

WELL LOCATION:	10' FSL & 660' FEL	P	31	17-S	35-E
	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 11" Casing Size: 8-5/8"

Cemented with: 550 sx. *or* _____ ft³

Top of Cement: Surface Method Determined: Circ.

Intermediate Casing

Hole Size: _____ Casing Size: _____

Cemented with: _____ sx. *or* _____ ft³

Top of Cement: _____ Method Determined: _____

Production Casing

Hole Size: 7-7/8" Casing Size: 5-1/2"

Cemented with: 900 sx. *or* _____ ft³

Top of Cement: Surface Method Determined: Circ.

Total Depth: 4850'

Injection Interval

4320' feet to 4700'

(Perforated or Open Hole; indicate which)

Perforated

INJECTION WELL DATA SHEET

Tubing Size: 2-7/8" Lining Material: Plastic Coating

Type of Packer: 5.5 Guiberson

Packer Setting Depth: 4300'

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

Additional Data

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

   If no, for what purpose was the well originally drilled? _____

2. Name of the Injection Formation: San Andres

3. Name of Field or Pool (if applicable): Vacuum 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:

   Queen @ 3690'

   Glorieta @ 5800'

VGWU No. 128
API# 210540000

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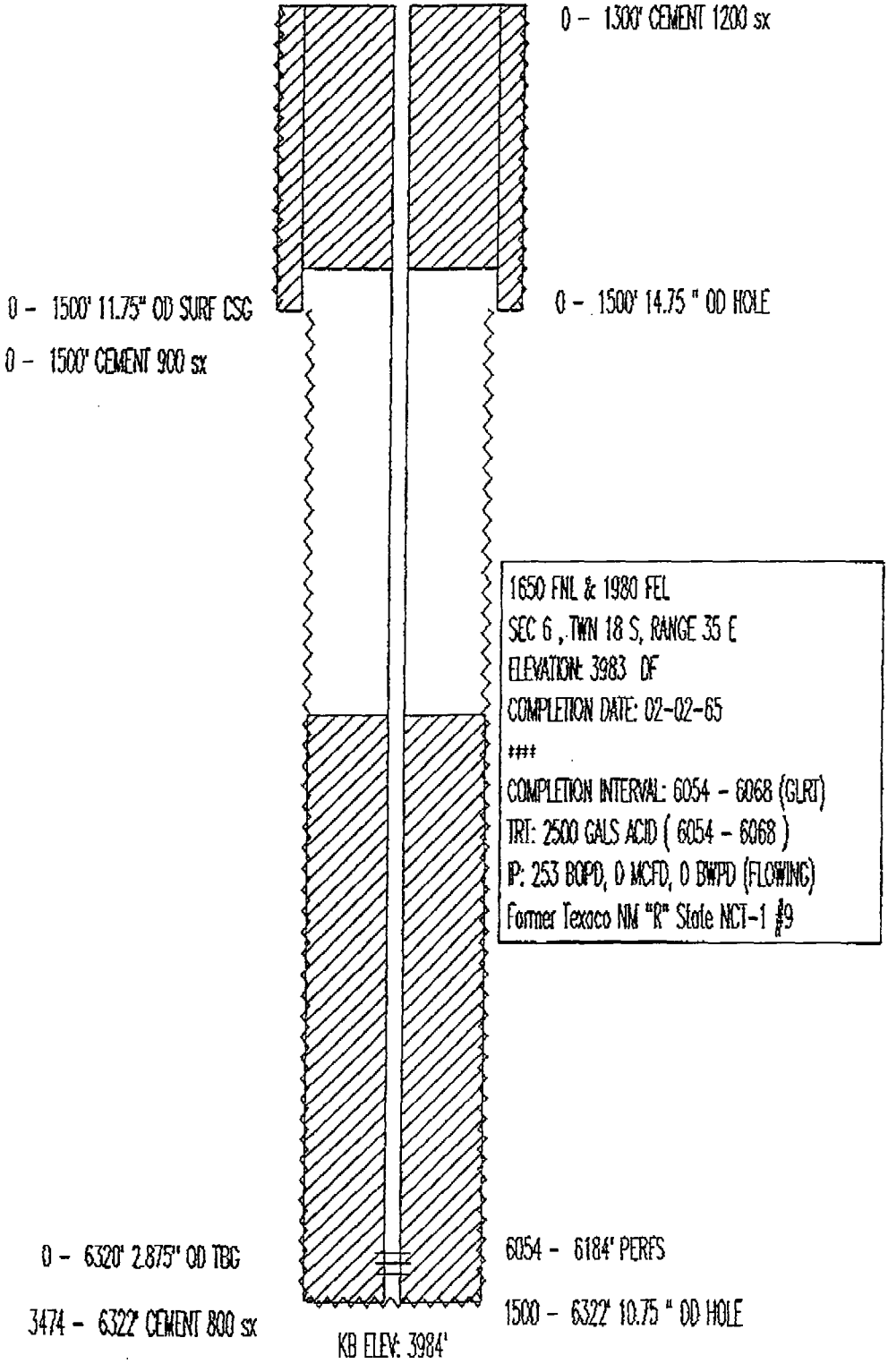
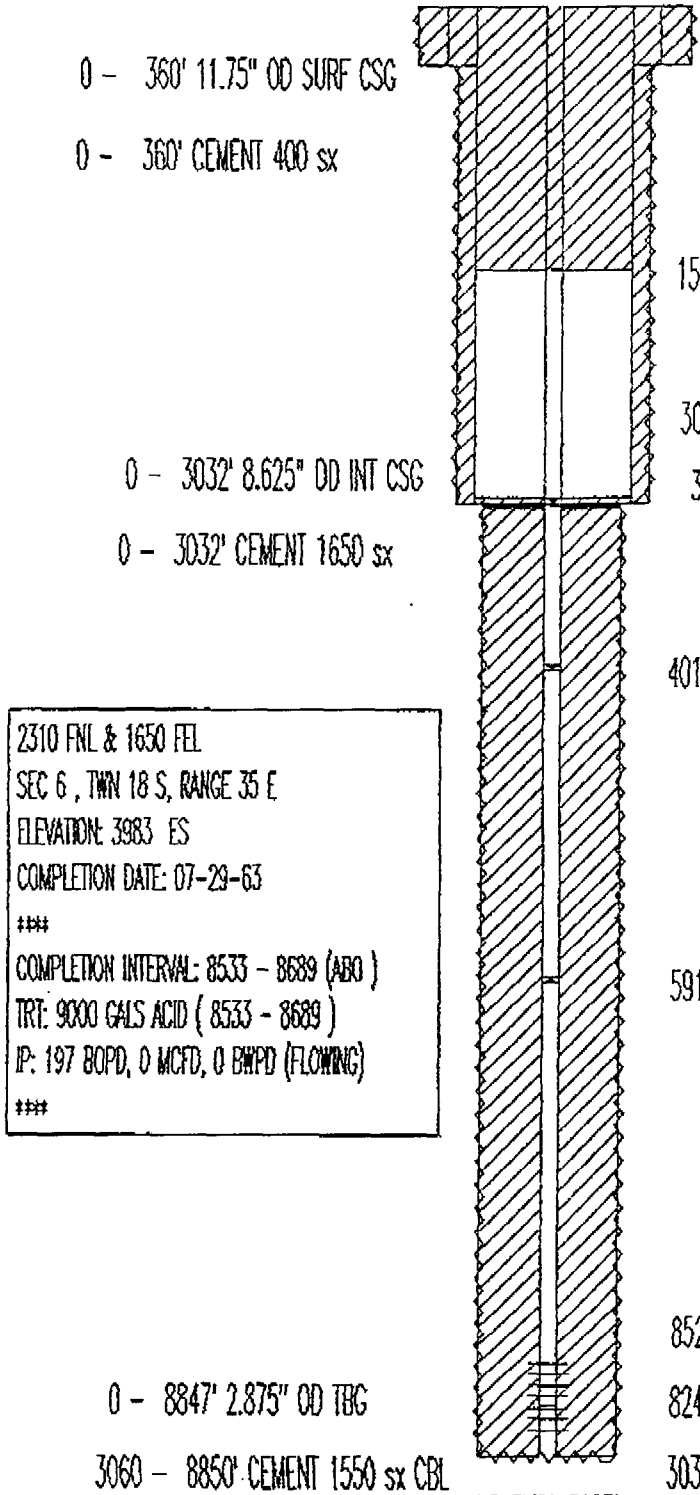


P&A: 5-05-93

TEXACO INC
NEW MEXICO "R"ST. NCT-1 NO. 7
API# 3002520503



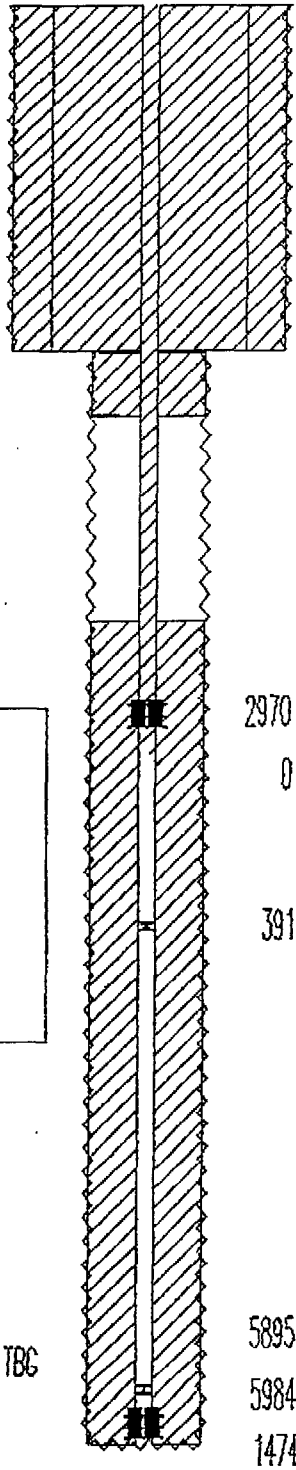
0 - 1600' CEMENT PLUG
0 - 360' 15.00" OD HOLE
0 - 360' 11.75" OD SURF CSG
0 - 360' CEMENT 400 sx
1590 - 1590' SQUEEZE PERFS
0 - 1600' CEMENT 430 sx
3000 - 3040' CIBP 1 sk
0 - 3032' 8.625" OD INT CSG
360 - 3032' 10.625" OD HOLE
0 - 3032' CEMENT 1650 sx
4010 - 4050' CIBP 1 sk
2310 FNL & 1650 FEL
SEC 6 , TWN 18 S, RANGE 35 E
ELEVATION: 3983 ES
COMPLETION DATE: 07-29-63
###
COMPLETION INTERVAL: 8533 - 8689 (ABO)
TRT: 9000 GALS ACID (8533 - 8689)
IP: 197 BOPD, 0 MCFD, 0 BWPD (FLOWING)
###
5910 - 5950' CIBP 1 sk
8525 - 8530' RETAINER SQZD W/ 200 SX
0 - 8847' 2.875" OD TBG
8245 - 8689' PERFS 9/73
3060 - 8850' CEMENT 1550 sx CBL
3032 - 8850' 7.625" OD HOLE
KB ELEV: 3983'
PBTD: 8525'
TD: 8850'

TEXACO INC

P&A: 8-30-91

NEW MEXICO "R"ST. NCT-1 NO.10

API# 3002521109



0 - 1750' CEMENT 775 sx, Bradenhead SQZ

0 - 1474' 10 3/4" OD 28.50#/ft SURF CSG

0 - 1474' 15.00" OD HOLE

0 - 1474' CEMENT 1000 sx

330 FNL & 2135 FEL
SEC 6 , TWN 18 S, RANGE 35 E
ELEVATION: 3964 GL
COMPLETION DATE: 03-17-65
###
COMPLETION INTERVAL: 2970 - 3086 (YATES)
COMPLETION INTERVAL: 5948 - 6125 (GLRT)

2970 - 3086' ABANDONED PERFS

0 - 3200' CEMENT PLUG

3910 - 3950' CIBP 35' CMT

0 - 6150' 2.875" OD 6.50#/ft TBG

5895 - 5935' CIBP 35' CMT

5984 - 6125' ABANDONED PERFS

2630 - 6150' CEMENT 1000 sx

1474 - 6150' 6.25" OD HOLE

KB ELEV: 3964'

TD: 6150'

EAST VACUUM GRAYBURG SAN ANDRES UNIT
ATTACHMENT VII TO FORM C-108
APPLICATION FOR AUTHORIZATION TO INJECT WATER AND CARBON DIOXIDE

DATA ON THE PROPOSED OPERATION OF THE INJECTION WELLS

Proposed average and maximum daily water injection rate is:

Average daily rate	1,200 BWPD per well
Maximum daily rate	2,200 BWPD per well

Proposed average and maximum daily carbon dioxide rate is:

Average daily rate	3,000 MCFD per well
Maximum daily rate	5,000 MCFD per well

Both the water and carbon dioxide systems are closed.

The proposed average and maximum surface injection pressures are:

Average water injection pressure	1,100 psig
Maximum water injection pressure*	1,350 psig
Average carbon dioxide injection pressure	1,700 psig
Maximum carbon dioxide injection pressure*	1,850 psig

*Maximum injection pressures are based on pre-existing Unit injection pressure allowable which are based on actual San Andres fracture gradients.

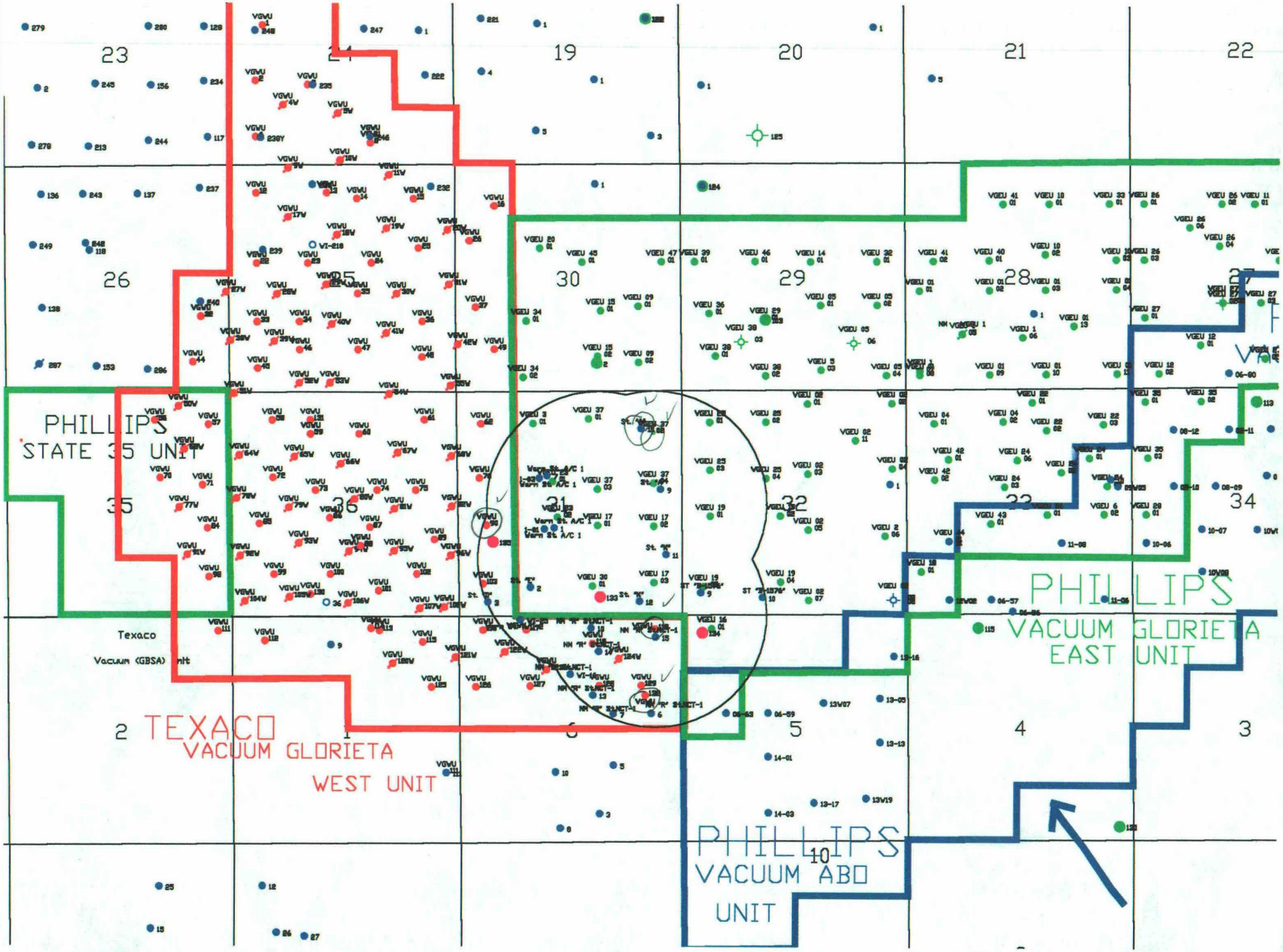
There are two sources of injection water makeup, San Andres produced water from Phillips operated East Vacuum Grayburg San Andres Unit and Ogallala fresh water from the EVGSAU water supply wells. Both waters have been injected into the San Andres formation since 1979, and are compatible with each other and the San Andres formation.

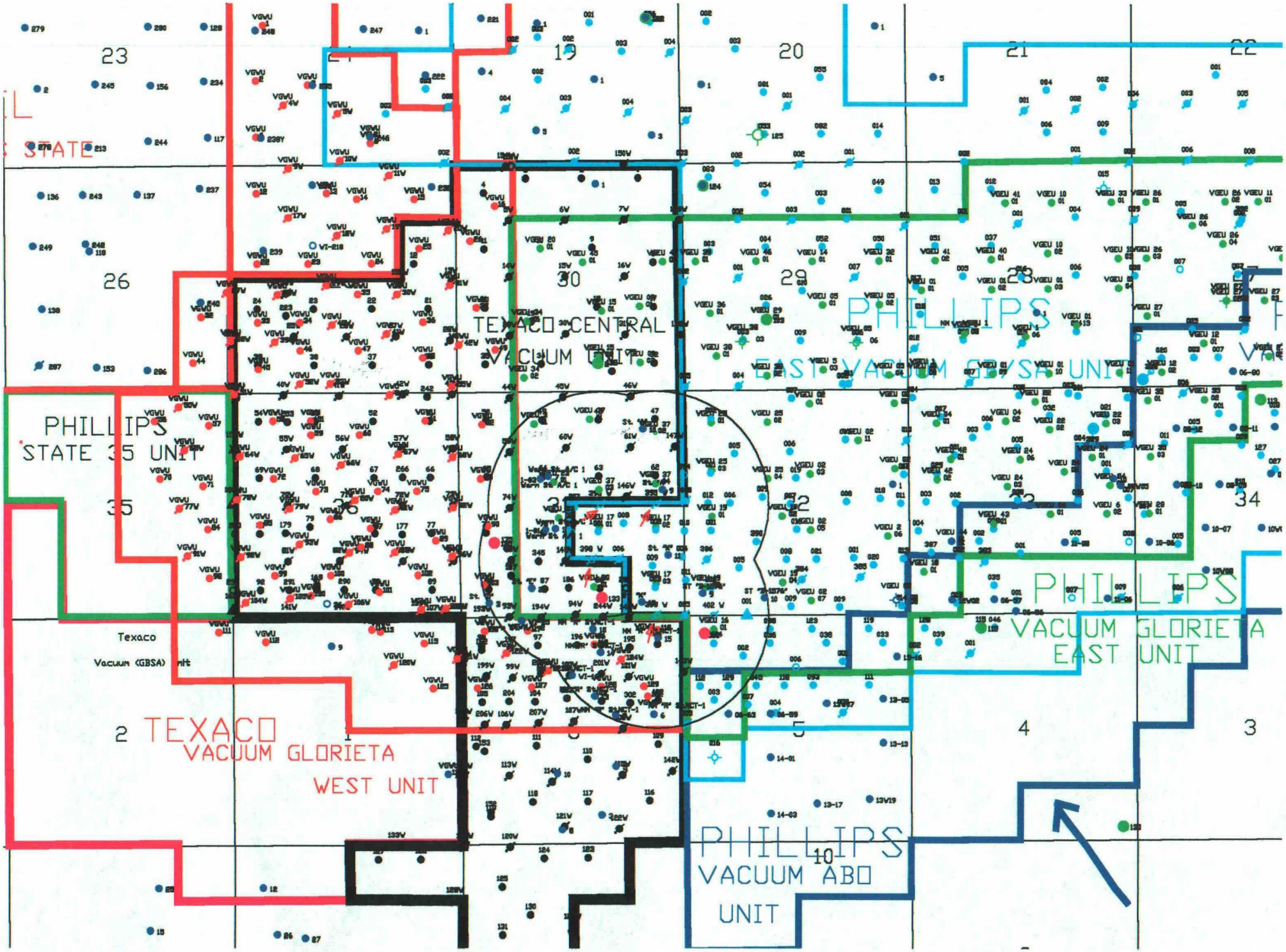
The gas injected is recycle gas from the East Vacuum Liquid Recovery Plant plus purchased carbon dioxide from the Cortez pipeline.

Composition of the injected gas is approximately

CARBON DIOXIDE	92%
NITROGEN	2%
METHANE	4%
ETHANE	2%

Carbon dioxide has been injected into the San Andres formation since 1985 under the authority on NMOCD Order No. R6856 dated 12/16/81.


PHILLIPS
STATE 35 UNIT
TEXACO
VACUUM GLORIETA
WEST UNIT
PHILLIPS
VACUUM GLORIETA
EAST UNIT
PHILLIPS
VACUUM ABO
UNIT
Texaco
Vacuum (GBSA) Unit


STATE
PHILLIPS
STATE 35 UNIT
TEXACO CENTRAL
VACUUM UNIT
PHILLIPS
EAST VACUUM GB/SA UNIT
PHILLIPS
VACUUM GLORIETA
EAST UNIT
Texaco
Vacuum (GBSA) nit
TEXACO
VACUUM GLORIETA
WEST UNIT
PHILLIPS
VACUUM ABO
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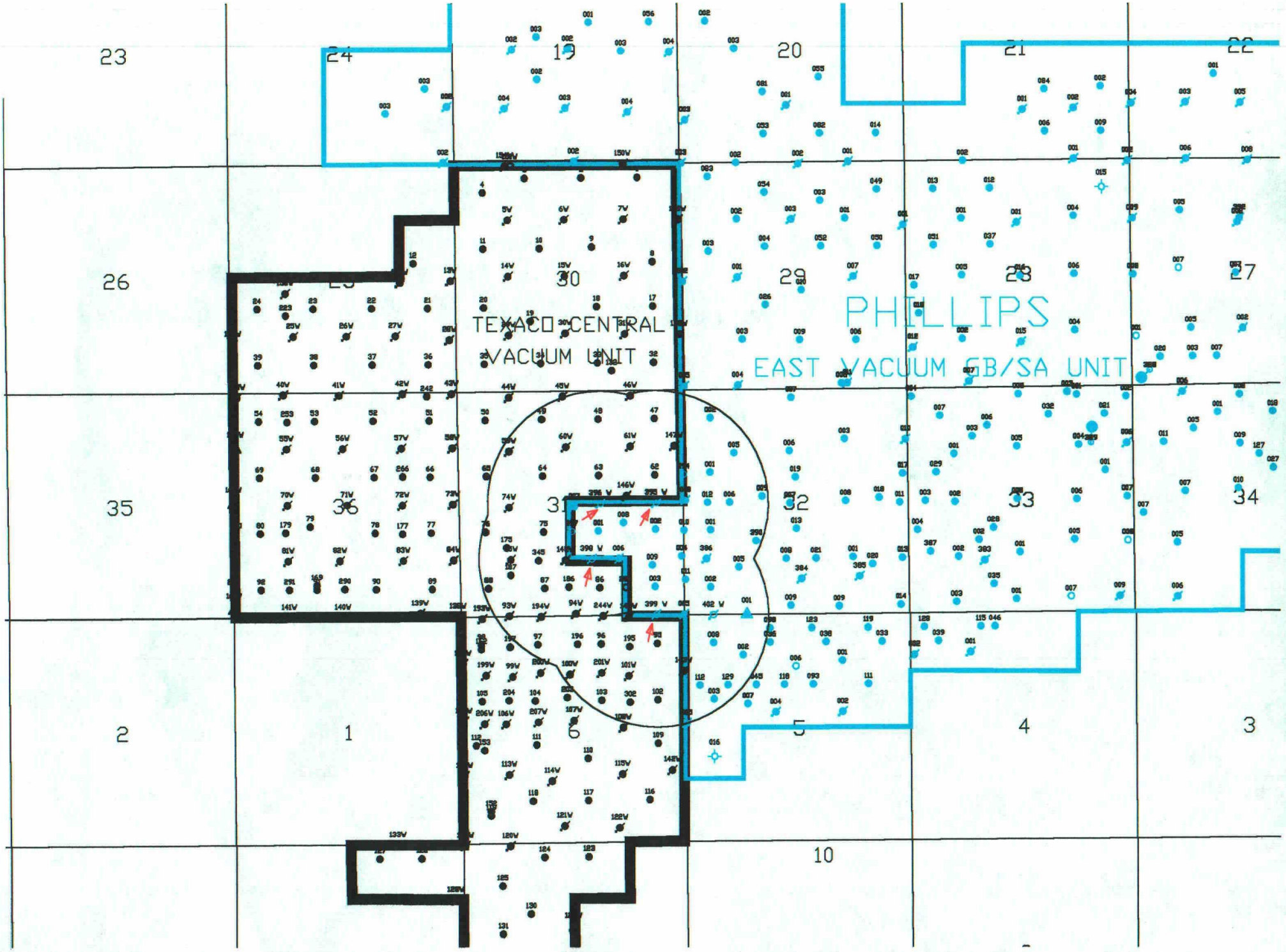
TEXACO CENTRAL
VACUUM UNIT
PHILLIPS
EAST VACUUM GB/SA UNIT

EAST VACUUM GRAYBURG SAN ANDRES UNIT

ATTACHMENT III TO FORM C-108

APPLICATION FOR AUTHORIZATION TO INJECT

WELLS WITHIN 1/2 MILE RADIUS OF REVIEW

WELL DATA TABLE

Operator	Lease Name	Well No.	API Number	Location	Surf. csg. Size (in)	Surf. csg. Depth (ft)	Surf. csg. Cmnt (sx)	Int. Csg. Size (in)	Int. Csg. Depth (ft)	Int. Csg. Cmnt (sx)	Prod. Csg. Size (in)	Prod. Csg. Depth (ft)	Prod. Csg. Cmnt (sx)	Top of Cement	Date Drilled	Record of Completion	Current Status	Total Depth
Phillips	EVGSAU	0524-001	30-025-26394	10 FNL, 1443 FWL 5-18S-35E	13 3/8	350	675				5 1/2	4835	1500	surf	10/27/1979	4400-4638	INJ SADR	4835
Phillips	EVGSAU	0524-002	30-025-26929	950 FNL, 1350 FWL 5-18S-35E	9 5/8	349	400				7	4800	1220	surf	08/24/1980	4298-4676	prod SADR	4800
Phillips	EVGSAU	0524-003	30-025-03054	1980 FNL, 660 FWL 5-18S-35E	9 5/8	1524	875				7	4144	400	surf	10/07/1938	openhole	prod SADR	4650
Phillips	EVGSAU	0524-005	30-025-26856	2540 FNL, 10 FWL 5-18S-35E	16	356	427	10 3/4	1449	1138	5 1/2	4794	1080	surf	09/05/1980	4568-4700	inj SADR	4800
Phillips	EVGSAU	0524-008	30-025-03055	660 FNL, 660 FWL 5-18S-35E	10 3/4	814	440				7	4104	400	1177	06/26/1938	openhole	prod	4637
Phillips	EVGSAU	0524-112	30-025-21651	1655 FNL, 330 FWL 5-18S-35E	8 5/8	1530	650				4 1/2	6250	800	2600	01/02/1966	4472-4633	prod SADR	6250
Phillips	EVGSAU	0524-129	30-025-24906	1650 FNL, 990 FWL 5-18S-35E	8 5/8	390	575				5 1/2	4836	300	2710	02/20/1975	4385-4539	inj SADR	4850
Phillips	EVGSAU	3127-001	30-025-02960	1980 FSL, 1980 FEL 31-17S-35E	10 3/4	796	170	7	4095	179	5	4800	180	2698	02/01/1938	4348-4667	prod SADR	4800

Operator	Lease Name	Well No.	API Number	Location	Surf. csg. Size (in)	Surf. csg. Depth (ft)	Surf. csg. Cmnt (sx)	Int. Csg. Size (in)	Int. Csg. Depth (ft)	Int. Csg. Cmnt (sx)	Prod. Csg. Size (in)	Prod. Csg. Depth (ft)	Prod. Csg. Cmnt (sx)	Top of Cement	Date Drilled	Record of Completion	Current Status	Total Depth
Phillips	EVGSAU	3127-002	30-025-02961	1980 FSL, 660 FEL 31-17S-35E	10 3/4	800	220	7	4097	220	5	4800	100	2700	04/01/1938	4323-4664	prod SADR	4800
Phillips	EVGSAU	3127-003	30-025-02962	660 FSL, 660 FEL 31-17S-35E	10 3/4	791	220				7	4109	240	2513	05/01/1938	4380-4641	prod SADR	4641
Phillips	EVGSAU	3127-004	30-025-26926	1375 FSL, 50 FEL 31-17S-35E	9 5/8	369	400				7	4798	1100	surface	09/01/1980	4310-4736	inj SADR	4800
Phillips	EVGSAU	3127-005	30-025-26862	10 FSL, 10 FEL 31-17S-35E	16	360	1200	10 3/4	1450	1500	5 1/2	4800	1150	surface	06/01/1980	4352-4682	inj SADR	4800
Phillips	EVGSAU	3127-006	30-025-26863	1330 FSL, 1530 FEL 31-17S-35E	13 3/8	400	450	10 3/4	1505	500	5 1/2	4811	1200	surface	07/01/1980	4328-4622	inj SADR	4811
Phillips	EVGSAU	3127-007	30-025-26864	2560 FSL, 2550 FEL 31-17S-35E	16	349	1123	10 3/4	1448	1500	5 1/2	4815	1650	surf	07/13/1980	4374-4658	inj G/SA	4818
Phillips	EVGSAU	3127-008	30-025-30278	1410 FEL, 2173 FSL 31-17S-35E	13 3/8	1520	1600				5 1/2	4800	2100	surface	07/01/1988	4344-4501	prod SADR	4800
Phillips	EVGSAU	3127-009	30-025-30279	1175 FSL, 740 FEL 31-17S-35E	13 3/8	1521	600	8 5/8	3150	1800	5 1/2	4800	900	surface	07/01/1988	4328-4682	prod SADR	4800
Phillips	EVGSAU	3229-001	30-025-02972	1980 FSL, 660 FWL 32-17S-35E	13	273	200	9 5/8	1547	200	7	4122	225	2124	01/01/1988	4123-4640	prod SADR	4640
Phillips	EVGSAU	3229-002	30-025-02973	660 FSL, 660 FWL 32-17S-35E	13	276	200	8 5/8	1544	200	5 1/2	4140	220	2870	08/01/1938	4140-4640	prod SADR	4800
Phillips	EVGSAU	3229-005	30-025-26230	1110 FSL, 1290 FWL 32-17S-35E	13 3/8	352	675				7	4877	350	surface	04/01/1979	4372-4650	prod SADR	4900

Operator	Lease Name	Well No.	API Number	Location	Surf. csg. Size (in)	Surf. csg. Depth (ft)	Surf. csg. Cmnt (sx)	Int. Csg. Size (in)	Int. Csg. Depth (ft)	Int. Csg. Cmnt (sx)	Prod. Csg. Size (in)	Prod. Csg. Depth (ft)	Prod. Csg. Cmnt (sx)	Top of Cement	Date Drilled	Record of Completion	Current Status	Total Depth
Phillips	EVGSAU	3229-006	30-025-26399	2630 FSL, 1088 FWL 32-17S-35E	8 5/8	350	475				5 1/2	4800	1600	surface	10/01/1979	4365-4596	inj SADR	4800
Phillips	EVGSAU	3229-010	30-025-30021	1980 FSL, 10 FWL 32-17S-35E	13 3/8	1496	1400	8 5/8	3150	150	5 1/2	4800	1400	surface	08/01/1987	4319-4528	prod SADR	4800
Phillips	EVGSAU	3229-011	30-025-32065	829 FSL, 360FWL 32-17S-35E	8 5/8	1555	800				5 1/2	4840	1000	458	12/01/1993	4280-4612	prod SADR	4845
Phillips	EVGSAU	3229-012	30-025-30280	2630 FSL, 569 FWL 32-17S-35E	13 3/8	1533	1400				5 1/2	4790	200	surface	07/01/1988	4344-4608	prod SADR	4800
Phillips	EVGSAU	3229-386	30 025 32664	1310FSL, 531 FWL 32-17S-35E	8 5/8	1603	750				5 1/2	4850	1080	surf	09/30/1994	4336-4500	inj G/SA	4850
Phillips	EVGSAU	3229-390	30-025-32547	1720 FSL, 1700 FWL 32-17S-35E	8 5/8	1538	760				5 1/2	8150	1333	surface	10/01/1994	4312-4464	prod SADR	8150
Phillips	EVGSAU	3236-001	30-025-02976	1980 FNL, 660 FWL 32-17S-35E	10 3/4	821	650				7	4254	320	1500	06/01/1938	4631-4705	prod SADR	4705
Phillips	EVGSAU	3236-002	30-025-02977	660 FNL, 660 FWL 32-17S-35E	13 3/8	275	400	9 5/8	1591	615	7	4203	146	2921	11/01/1938	4203-4657	prod SADR	4651
Phillips	EVGSAU	3236-005	30-02526388	1491 FNL, 1203 FWL 32-17S-35E	13 3/8	350	675				7	4898	1750	surface	09/01/1979	4365-4665	prod SADR	4902
Phillips	EVGSAU	3236-008	30-025-30278	2590 FNL, 50 FWL	8 5/8	357	390				5 1/2	4793	1405	surface	09/01/1980	4334-4634	inj SADR	4800
Phillips	EVGSAU	3236-009	30-025-30018	2510 FNL, 1850 FWL 32-17S-35E	8 5/8	1518	1145				5 1/2	4790	1250	surface	10/01/1987	4327-4661	prod SADR	4790

Operator	Lease Name	Well No.	API Number	Location	Surf. csg. Size (in)	Surf. csg. Depth (ft)	Surf. csg. Cmnt (sx)	Int. Csg. Size (in)	Int. Csg. Depth (ft)	Int. Csg. Cmnt (sx)	Prod. Csg. Size (in)	Prod. Csg. Depth (ft)	Prod. Csg. Cmnt (sx)	Top of Cement	Date Drilled	Record of Completion	Current Status	Total Depth
Phillips	VGEU	3-001	30-025-20854	760 FNL, 1790 FWL 31-17S-35E	8 5/8	1615	800		*		5 1/2	6800	650	2480	07/31/1964	5988-6048	SI GLOR	6800
Phillips	VGEU	16-01	30-025-20793	330 FNL, 660 FWL 5-18S-35E	8 5/8	1595	870				4 1/2	6250	950	2900	07/06/1964	6112-6132	TxA GLOR	6250
Phillips	VGEU	17-01	30-025-21096 31-17S-35E	2110 FSL, 1980 FEL 31-17S-35E	8 5/8	1550	900				4 1/2	6350	1600	surface	02/01/1965	6007-6047	TxA GLOR	6200
Phillips	VGEU	17-02	30-025-20864	2080 FSL, 660 FEL 31-17S-35E	8 5/8	1572	900				5 1/2	6298	1800	1680	06/01/1964	6048-6078	prod GLOR	6300
Phillips	VGEU	17-03	30-025-20865	760 FSL, 660 FEL 31-17S-35E	8 5/8	1514	900				4 1/2	6290	2085	surface	12/01/1964	6076-6117	prod GLOR	6300
Phillips	VGEU	19-03	30-025-20847	660 FSL, 500 FWL 32-17S-35E	8 5/8	1550	700				4 1/2	6200	1332	900	08/01/1964	6086-6094	prod GLOR	6250
Phillips	VGEU	23-01	30-025-20750	2122 FNL, 2227 FWL 31-17S-35E	7	1503	650				4 1/2	6245	700	190	08/27/1964	6033-6074	SI GLOR	6245
Phillips	VGEU	23-02	30-025-20749	2311 FSL, 2226 FEL 31-17S-35E	8 5/8	1503	1130				4 1/2	6248	1300	1685	05/06/1964	6005-6185	SI GLOR	6250
Phillips	VGEU	30-01	30-025-20796	690 FSL, 2110 FEL 31-17S-35E	8 5/8	1581	700				4 1/2	6200	500	1635	08/30/1964	6030-6174	prod GLOR	6200
Phillips	VGEU	37-01	30-025-20819	660 FNL, 2180 FEL 31-17S-35E	8 5/8	1665	600				4 1/2	6130	700	1500	03/30/1964	6002-6177	prod GLOR	6311
Phillips	VGEU	37-02	30-025-20370	990 FNL, 660 FEL 31-17S-35E	13 3/8	293	300	9 5/8	2892	1250	5 1/2	10300	1300	5703	01/01/1963	6069-6174	prod GLOR	10300

Operator	Lease Name	Well No.	API Number	Location	Surf. csg. Size (in)	Surf. csg. Depth (ft)	Surf. csg. Cmnt (sx)	Int. Csg. Size (in)	Int. Csg. Depth (ft)	Int. Csg. Cmnt (sx)	Prod. Csg. Size (in)	Prod. Csg. Depth (ft)	Prod. Csg. Cmnt (sx)	Top of Cement	Date Drilled	Record of Completion	Current Status	Total Depth
Phillips	VGEU	37-03	30-025-20290	2310 FNL, 1980 FEL 31-17S-35E	8 5/8	1557	600				5 1/2	6900	750	2735	01/01/1964	5997-6165	prod GLOR	6900
Phillips	VGEU	37-04	30-025-20820	2180 FSL, 660 FEL 31-17S-35E	8 5/8	1560	600				4 1/2	6290	2085	surface	05/01/1964	6036-6076	prod GLOR	6300
Texaco	CVU	46	30-025-25818	119 FNL, 1224 FEL, 31-17S-35E	8 5/8	400	425				4 1/2	4800	1700	surf	02/20/1978	4386-4726	inj SADR	4800
Texaco	CVU	47	30-025-08532	660 FNL, 660 FEL 31-17S-35E	8 5/8	1558	600				5 1/2	4299	275	2000	09/25/1938	openhole	prod SADR	4710
Texaco	CVU	48	30-025-08534	660 FNL, 1980 FEL 31-17S-35E	8 5/8	1538	600				5 1/2	4720	275	7 7/8	06/05/1979	openhole	prod SADR	4740
Texaco	CVU	49	30-025-02958	660 FNL, 1980 FWL 31-17S-35E	16	300	200	10 3/4	1535	300	7	4109	350	surf	12/27/1937	openhole	prod SADR	4545
Texaco	CVU	59	30-025-25725	1403 FNL, 1200 FWL 31-17S-35E	9 5/8	423	450				4 1/2	4800	2500	surf	12/19/1977	4422-4719	inj SADR	4800
Texaco	CVU	60	30-025-25707	1310 FNL, 2535 FWL 31-17S-35E	8 5/8	365	400				4 1/2	4800	2270	surf	11/30/1977	4398-4704	inj SADR	4800
Texaco	CVU	61	30-025-25819	1310 FNL, 1230 FEL 31-17S-35E	8 5/8	395	425				5 1/2	4800	2200	surf	02/05/1978	4352-4712	inj SADR	4800
Texaco	CVU	62	30-025-08531	1980 FNL, 660 FEL 31-17S-35E	8 5/8	1536	600				5 1/2	4270	275	1555	08/01/1938	openhole	prod SADR	4690
Texaco	CVU	63	30-025-08533	1980 FNL, 1980 FEL 31-17S-35E	8 5/8	1533	600				5 1/2	4276	275	1560	04/28/1938	openhole	prod SADR	4667

Operator	Lease Name	Well No.	API Number	Location	Surf. csg. Size (in)	Surf. csg. Depth (ft)	Surf. csg. Cmnt (sx)	Int. Csg. Size (in)	Int. Csg. Depth (ft)	Int. Csg. Cmnt (sx)	Prod. Csg. Size (in)	Prod. Csg. Depth (ft)	Prod. Csg. Cmnt (sx)	Top of Cement	Date Drilled	Record of Completion	Current Status	Total Depth
Texaco	CVU	64	30-025-02953	1980 FNL,1980 FWL 31-17S-35E	9 5/8	506	400				7	4180	800	surf	02/26/1938	openhole	prod SADR	4664
Texaco	CVU	74	30-025-25729	2561 FSL, 1180 FWL 31-17S-35E	9 5/8	400	425				4 1/2	4800	2200	surf	01/10/1978	4448-4678	inj SADR	4800
Texaco	CVU	75	30-025-02954	1980 FSL, 1980 FWL 31-17S-35E	9 5/8	517	200				7	4098	700	surf	05/26/1938	openhole	prod SADR	4750
Texaco	CVU	76	30-025-02957	1985 FSL, 620 FWL 31-17S-35E	13	255	200	9 5/8	1536	150	7	4095	400	700	06/05/1938	openhole	prod SADR	4652
Texaco	CVU	85	30-025-25709	1336 FSL, 1201 FWL 31-17S-35E	13 3/8	358	400	9 5/8	1500	300	4 1/2	4800	2400	surf	03/18/1979	4631-4705	inj SADR	4800
Texaco	CVU	86	30-025-02956	660 FSL, 1980 FEL 31-17S-35E	13	300	300	9 5/8	1600	400	7	4400	400	700	05/02/1938	openhole	prod SADR	4662
Texaco	CVU	87	30-025-08536	660 FSL,1980 FWL 31-17S-35E	8 5/8	1483	600				5 1/2	4284	275	2100	09/21/1938	openhole	prod SADR	4690
Texaco	CVU	88	30-025-08535	660 FSL, 660 FWL 31-17S-35E	8 5/8	1493	600				5 1/2	4280	275	2200	08/13/1938	openhole	prod SADR	4690
Texaco	CVU	93	30-025-25733	10 FSL, 1136 FWL 31-17S-35E	13 3/8	460	400	7	2800	650	4 1/2	4800	800	surf	04/19/1979	4536-4800	inj SADR	4800
Texaco	CVU	94	30-025-25734	50 FSL, 2549 FEL 31-17S-35E	13 3/8	350	400	7	2720	650	4 1/2	4800	800	surf	04/18/1978	4343-4699	SADR SADR	4800
Texaco	CVU	145	30-025-26789	1310 FSL, 2475 FWL 31-17S-35E	13 3/8	345	450	9 5/8	1540	850	4 1/2	4800	300	surf	09/17/1980	4378-4710	inj SADR	4800

Operator	Lease Name	Well No.	API Number	Location	Surf. csg. Size (in)	Surf. csg. Depth (ft)	Surf. csg. Cmnt (sx)	Int. Csg. Size (in)	Int. Csg. Depth (ft)	Int. Csg. Cmnt (sx)	Prod. Csg. Size (in)	Prod. Csg. Depth (ft)	Prod. Csg. Cmnt (sx)	Top of Cement	Date Drilled	Record of Completion	Current Status	Total Depth
Texaco	CVU	146	30-025-26790	2465 FSL, 1335 FWL 31-17S-35E	13 3/8	357	500	8 5/8	1540	1200	4 1/2	4800	2800	surf	07/25/1980	4346-4683	inj SADR	4800
Texaco	CVU	147	30-025-26791	1310 FNL, 200 FEL 31-17S-35E	13 3/8	380	425	8 5/8	1513	1100	4 1/2	4800	3000	surf	07/26/1980	4379-4714	inj SADR	4800
Texaco	CVU	175	30-025-33722	1617 FSL, 1107 FWL 31-17S-35E	8 5/8	1520	550				5 1/2	4850	1800	surf	01/03/1997	4445-4760	prod SADR	4890
Texaco	CVU	186	30-025-32799	607 FSL, 2630 FEL 31-17S-35E	8 5/8	1535	525				5 1/2	4850	859	surf	02/26/1995	4291-4648	prod SADR	4850
Texaco	CVU	187	30-025-33329	974 FSL, 1199 FWL 31-17S-35E	8 5/8	4850	950				5 1/2	4850	950	surf	06/03/1996	4328-4739	prod SADR	4850
Texaco	CVU	345	30-025-31204	1310 FSL, 1850 FWL 31-17S-35E	13 3/8	1550	1600	9 5/8	2800	1550	7	4840	900	250	05/27/1991	4309-4590	prod SADR	4840
Texaco	CVU	95	30-025-03088	660 FNL, 660 FEL 6-18S-35E	10 3/4	249	200	7 5/8	1536	250	5 1/2	4112	200	2200	08/20/1938	openhole	prod SADR	4710
Texaco	CVU	96	30-025-03089	660 FNL, 1980 FEL 6-18S-35E	10 3/4	257	200	7 5/8	1536	250	5 1/2	4105	200	2250	08/10/1938	openhole	prod SADR	4675
Texaco	CVU	97	30-025-03076	660 FNL, 1810 FWL 6-18S-35E	9 5/8	497	250				7	4099	700	surf	11/10/1938	openhole	prod SADR	4725
Texaco	CVU	100	30-025-25711	1372FNL, 2544 FWL 6-18S-35E	13 3/8	355	400	9 5/8	1456	800	4 1/2	4800	800	surf	05/11/1979	4338-4719	inj SADR	4800
Texaco	CVU	101	30-025-25712	1410 FNL, 1336 FEL 6-18S-35E	13 3/8	355	400	7	2740	650	4 1/2	4800	800	surf	05/15/1979	4366-4696	inj SADR	4800

Operator	Lease Name	Well No.	API Number	Location	Surf. csg. Size (in)	Surf. csg. Depth (ft)	Surf. csg. Cmnt (sx)	Int. Csg. Size (in)	Int. Csg. Depth (ft)	Int. Csg. Cmnt (sx)	Prod. Csg. Size (in)	Prod. Csg. Depth (ft)	Prod. Csg. Cmnt (sx)	Top of Cement	Date Drilled	Record of Completion	Current Status	Total Depth
Texaco	CVU	102	30-025-03090	660 FEL, 1980 FNL 6-18S-35E	9 5/8	1533	300				5 1/2	4102	200	1000	01/12/1939	openhole	prod SADR	4710
Texaco	CVU	103	30-025-03091	1980 FNL, 1980 FEL 6-18S-35E	8 5/8	1519	300				5 1/2	4070	200	900	11/15/1939	openhole	prod SADR	4710
Texaco	CVU	195	30-025-32802	729 FNL, 1313 FEL 6-18S-35E	8 5/8	1517	650				5 1/2	4850	955	surf	02/24/1995	4268-4704	prod SADR	4850
Texaco	CVU	196	30-025-32803	649 FNL, 2535 FWL 6-18S-35E	8 5/8	1546	500				5 1/2	4850	955	surf	02/19/1995	4258-4646	prod SADR	4850
Texaco	CVU	201	30-025-32806	1360 FNL, 1973 FEL 6-18S-35E	8 5/8	1530	525				5 1/2	4850	800	surf	03/16/1995	4290-4680	inj SADR	4850
Texaco	CVU	244	30-025-32810	10 FNL, 1930 FEL 6-18S-35E	8 5/8	1520	650				5 1/2	4850	827	surf	03/03/1995	4275-4563	inj SADR	4850
Texaco	CVU	302	30-025-30023	2030 FNL, 1310 FEL 6-18S-35E	13 3/8	1545	1450	9 5/8	2778	1250	7	4320	750	surf	10/03/1987	4320-4720	prod SADR	4720
Texaco	CVU	194	30-025-32801	14 FNL, 1917 FWL 6-18S-35E	8 5/8	1552	525				5 1/2	4850	977	surf	03/06/1995	4281-4686	inj SADR	4850
Texaco	CVU	WI-144	30 025 26788	35FNL, 1330FEL 6-18S-35E	9 5/8	1510	1000	7	2751	650	4 1/2	4800	700	25	09/16/1980	4367-4717	inj SADR	4800
Texaco	VGWU	132	30 025 33428	1870FNL, 890 FEL 6-18S-35E	8 5/8	1500	650 (CIRC. 139 SKS.)				5 1/2	8500	3500	(NA)	08/07/1996	6087-8254	prod Glor	8500
Texaco	VGWU	119	30 025 21108	330FNL,660FEL 6-18S-35E	11 3/4	1515	1000				2 7/8	6850	1400	(NA / 2893' CALC.	09/11/1964	6092-6106	TA Glor	6850

Operator	Lease Name	Well No.	API Number	Location	Surf. csg. Size (in)	Surf. csg. Depth (ft)	Surf. csg. Cmnt (sx)	Int. Csg. Size (in)	Int. Csg. Depth (ft)	Int. Csg. Cmnt (sx)	Prod. Csg. Size (in)	Prod. Csg. Depth (ft)	Prod. Csg. Cmnt (sx)	Top of Cement	Date Drilled	Record of Completion	Current Status	Total Depth
Texaco	VGWU	124	30 025 31879	1020FNL,1519FEL 6-18S-35E	8 5/8	1490	650				5 1/2	6408	1325	surf	08/13/1993	5917-9056	inj Glor	6408
Texaco	VGWU	117	30 025 20754	330FNL, 1571FWL 6-18S-35E	7	1514	700				4 1/2	6286	1000	245	07/24/1964	6027-6039	prod Glor	6287
Texaco	VGWU	118	30 025 31129	660FNL,2135 FEL 6-18S-35E	11 3/4	1547	1400	8 5/8	3000	950	5 1/2	6205	1330	surf	02/17/1991	5884-6032	prod Glor	7374
Texaco	VGWU	129	30 025 21425	1650FNL,990FEL 6-18S-35E	10 3/4	1491	800				2 7/8	6247	1200	surf	05/19/1965	6078-6090	SI GLOR	6250
Texaco	VGWU	90	30-025-20270	2130 FSL, 660 FWL 31-17S-35E	13 3/8	337	350	9 5/8	4774	762	7	10500	1110	4400	01/22/1964	6030-6042	prod GLOR	10500
Texaco	VGWU	103	30-025-20339	760 FSL, 560 FWL 31-17S-35E	8 5/8	6899	450				5 1/2	6899	450	3600	02/18/1964	5990-6156	prod GLOR	6900
Phillips	VGEU	25-01	30 025 21012	760 FNL, 660FWL 32-17S35E	8 5/8	1604	1050				4 1/2	6265	870	1750	09/06/1964	6080-6101	prod Glor	6277
Phillips	VGEU	25-03	30 025 20885	1880FNL, 660FWL 32,17S-35E	8 5/8	1579	1250				4 1/2	6264	870	2500	08/07/1964	6072-6115	prod Glor	6266
Phillips	VGEU	19-01	30 025 20846	2310FSL, 660 FWL 32-17S-35E	8 5/8	1550	700				4 1/2	6200	1460	850	08/30/1964	6044-6080	prod	6200
Phillips	Santa Fe	133	30-025-32333	435 FSL,1930 FEL 31-17S-35E	13 3/8	1539	1750	8 5/8	5145	2400	5 1/2	8100	825	2620	02/06/1994	7540-7908	prod drink	8100
Phillips	Santa Fe	134	30-025-32414	430 FNL, 430 FWL 5-18S-35E	8 5/8	1510	850				5 1/2	8200	2400	surf	04/09/1994	7640-7994	prod Drink	8110

Operator	Lease Name	Well No.	API Number	Location	Surf. csg. Size (in)	Surf. csg. Depth (ft)	Surf. csg. Cmnt (sx)	Int. Csg. Size (in)	Int. Csg. Depth (ft)	Int. Csg. Cmnt (sx)	Prod. Csg. Size (in)	Prod. Csg. Depth (ft)	Prod. Csg. Cmnt (sx)	Top of Cement	Date Drilled	Record of Completion	Current Status	Total Depth
Phillips	Santa Fe	135	30-025-32438	1743 FSL, 808 FWL 31-17S-34E	8 5/8	1500	850				5 1/2	8052	2494	surf	03/02/1994	7537-7684	prod Drink	8052
Texaco	NM State "R"	13	30 025 31990	1905FNL, 2130FEL 6-18S-35E	11 3/4	1460	860				5 1/2	8150	2100	300	07/05/1993	7609-8070	prod Drink	8150
Texaco	NM State "R"	WI-16	30 025 32873	1410FNL, 2630Fel 6-18S-35E	8 5/8	1521	525				5 1/2	8100	1910	surf	04/18/1995	7630-7946	inj	8100 Drink
Texaco	NM State "R"	15	30 025 32019	510FNL, 640FEL 6-18S-35E	8 5/8	1487	650				5 1/2	8150	2235	surf	12/14/1993	7701-8096	prod Drink	8150
Texaco	NM State "R'	14	30 025 32018	860FNL,2000 FEL 6-18S-35E	8 5/8	1455	650				5 1/2	8150	2800	1550	08/10/1993	7572-8101	prod Drink	8150
Texaco	NM State "R"	6	30 025 20053	2310FNL, 760FEL 6-18S-35E	11 3/4	357	350	8 5/8	3080	1600	2 7/8	8849	1300	surf	05/06/1963	3080-3100	prod yates	8850
Marathon	Warn ST A/C	1-#3	30-025-20748	2080 FNL, 1908 FWL 31-17S-35E	13 3/8	3561	375				9 5/8	5002	2650	2965	06/12/1964	9122-10146	prod Abo/WC	10301
Marathon	Warn ST A/C	6	30-025-32311	2030 FWL, 1980 FSL 31-17S-35E	11 3/4	1492	800	9 5/8	3000	600	5 1/2	10355	2025	surf	11/28/1993	9916-10146	prod WC	10355
Marathon	Warn St A/C	WI-25	30 025 33139	113FNL,1429FWL 6-18S-35E	9 5/8	1479	1057				5 1/2	8149	1700	2150	01/12/1996	7538-7892	inj Drink	8150
Marathon	Warn St A/C	7	30 025 33951	2036FNL,2089FWL 31-17S-35E	11 3/4	1385	815	8 5/8	3143	980	5 1/2	11610	2440	surf	02/16/1998	8438-10559	prod A\WC\P	11610

Operator	Lease Name	Well No.	API Number	Location	Surf. csg. Size (in)	Surf. csg. Depth (ft)	Surf. csg. Cmnt (sx)	Int. Csg. Size (in)	Int. Csg. Depth (ft)	Int. Csg. Cmnt (sx)	Prod. Csg. Size (in)	Prod. Csg. Depth (ft)	Prod. Csg. Cmnt (sx)	Top of Cement	Date Drilled	Record of Completion	Current Status	Total Depth
ARCO	State "B" 1576	9	30 025 32515	500FSL, 418FWL 32-17S-35E	8 5/8	1522	760				5 1/2	8150	1270	surf	05/23/1994	7634-7989	prod Drink	8150
ARCO	State"B" 1576	10	30 025 32516	402FSL, 1905 FWL 32-17S-35E	8 5/8	1532	760				5 1/2	8150	1300	surf	06/01/1994	7671-8034	prod Drink	8150
Mobil	State "K"	12	30 025 32413	330FSL,990FEL 31-17S-35E	8 5/8	1480	450				5 1/2	8095	800	3100	02/09/1994	7628-7962	prod Drink	8093
Mobil	State"K"	11	30 025 32439	1400FSL,360FEL 31-17S-35E	8 5/8	1486	450				5 1/2	8107	800	NA	02/28/1994	7588-7960	prod Drink	8107
RSE Partners	State D	3	30 025 32298	330FSL, 695FWL 31-17S-35E	13 3/8	1461	1255	8 5/8	3200	1015	5 1/2	8049	1010	surf	11/23/1993	7525-7844	prod Drink	8049
RSE Partner	State "A"	9	30 025 32623	2310FNL, 510FEL 31-17S-35E	13 3/8	1476	1500	8 5/8	3200	1050	7 7/8	8100	1890	surf	08/30/1994	7565-7887	prod Drink	8100
RSE Partner	State"A"	10	30 025 32844	940FNL,940FEL 31-17S-35E	13 3/8	1478	1350	9 5/8	3706	1250	7	10700	2880	4230	06/17/1995	8560-9295	prod ps/wf	10700
RSE Partners	State E	2	30-025-20823	660 FSL, 1700 FWL 31-17S-35E	13 3/8	332	300	8 5/8	3285	475	7	9505	1800	3000	04/26/1964	7718-7688	prod Drinkard	10406
RSE Partner	Warn ST A/C	1	30-025-33052	2036 FSL, 2260 FWL 31-17S-35E	13 3/8	1508	1175	9 5/8	4797	1600	7	12740	2000	surf	10/19/1995	7872-7554	prod Drinkard	12740

EAST VACUUM GRAYBURG SAN ANDRES UNIT

ATTACHMENT III TO FORM C-108
APPLICATION FOR AUTHORIZATION TO INJECT

PLUGGED WELLS WITHIN 1/2 MILE RADIUS OF REVIEW

WELL DATA TABLE

Operator	Lease Name	Well No.	API Number	Location	Surf. csg. Size (in)	Surf. csg. Depth (ft)	Surf. csg. Cmnt (sx)	Int. Csg. Size (in)	Int. Csg. Depth (ft)	Int. Csg. Cmnt (sx)	Prod. Csg. Size (in)	Prod. Csg. Depth (ft)	Prod. Csg. Cmnt (sx)	*Top of Cement	Date Drilled	Record of Completion	Current Status	Total Depth
Texaco	NM ST "R"	7	30 025 20503	2310FNL, 1650FEL 6-18S-35E	113/4	360	400	85/8	3032	1650	27/8	8847	1300	surf	06/24/1963	8254-8689	P&A	8850
Texaco	NMState "R"	10	30 025 21109	330FNL,2135FEL 6-18S-35E	10 3/4	1460	600				2 7/8	6150	1775	surf	02/26/1965	5984-5994	P&A Glor	9150
Texaco	VGWU	128	30 025 21054	1650FNL,1980FEL 6-18S-35E	11 3/4	1500	900				2 7/8	6320	1650	surf	01/08/1965	6054-6150	P&A	6322

EAST VACUUM GRAYBURG SAN ANDRES UNIT
ATTACHMENT IX TO FORM C-108
APPLICATION FOR AUTHORIZATION TO INJECT WATER AND CARBON DIOXIDE

PROPOSED STIMULATION PROGRAM FOR A TYPICAL SAN ANDRES INJECTION WELL

All injection wells will be cased hole completions selectively perforated within the unitized interval. Initial stimulation will be small to medium sized matrix Hydrochloric acid treatments. Acid concentrations will typically range from 7 1/2% to 20% depending on the anticipated completion damage.

EAST VACUUM GRAYBURG SAN ANDRES UNIT
ATTACHMENT XII TO FORM C-108
APPLICATION FOR AUTHORIZATION TO INJECT WATER AND CARBON DIOXIDE

STATEMENT OF HYDRAULIC INTEGRITY

Phillips Petroleum Company has examined available geological data and finds no evidence of open faults nor any other hydraulic connection between the injection zone and any underground source of drinking water.

PROOF OF NOTICE
EVGSAU, LEA CO., NM

I hereby certify that a complete copy of this application was sent by certified mail to the below listed parties on March 6, 2000.

Signed: L. M. Sanders
Name: L. M. Sanders
Title: Supervisor, Regulation/Proration
Date: 03/06/00

SURFACE OWNER

State of New Mexico
Commissioner of Public Lands
P. O. Box 1148
Santa Fe, NM 87501-1148

OFFSET OPERATORS

Arco Permian
P. O. Box 1610
Midland, TX 79702

Exxon Corp.
P. O. Box 4698
Houston, TX 77210-4698

Mobil Producing Texas & New Mexico
P. O. Box 633
Midland, TX 79702

Texaco Exploration & Production, Inc.
P. O. Box 730
Hobbs, NM 88240

Phillips Petroleum Company
4001 Penbrook St.
Odessa, TX 79762

RSE Partners-I LP
3141 Hood St.
Dallas, TX 75219

PHILLIPS PETROLEUM COMPANY
4001 PENBROOK
ODESSA, TEXAS 79762

EXPLORATION AND PRODUCTION
Permian Profit Center

March 6, 2000

Hobbs Sun
201 N. Thorp
Hobbs, NM 88240

Gentlemen:

Please publish the attached notice in the Hobbs Sun for ONE day only.

Upon publication, please furnish me with a copy of the publication designating that the Hobbs Sun is of **general circulation in Lea County, New Mexico**, and the billing to:

PHILLIPS PETROLEUM COMPANY
4001 Penbrook St.
Odessa, TX 79762

Attn: L. M. Sanders

Direct any questions to Celeste Dale at (915) 368-1667.

Sincerely,

L. M. Sanders
Supervisor, Regulation/Proration

/cgd

Encl.

LEGAL NOTICE

Notice is hereby given of the application of Phillips Petroleum Company, 4001 Penbrook St., Odessa, TX 79762, Attn: L. M. Sanders, (915) 368-1488, to the Oil Conservation Division, New Mexico Energy & Minerals Department, for the approval of the following water and carbon dioxide injection well authorization for the purpose of produced water and carbon dioxide injection.

Lease Name: East Vacuum Gb/SA Unit Field: Grayburg/San Andres

Well:	Tract 3127	Well #395	2630' FSL & 645' FEL, Sec. 31, T-17-S, R-35-E
	Tract 3127	Well #396	2630' FSL & 1950' FEL, Sec. 31, T-17-S, R-35-E
	Tract 3127	Well #398	1350' FSL & 2165' FEL, Sec. 31, T-17-S, R-35-E
	Tract 3127	Well #399	10' FSL & 660' FEL, Sec. 31, T-17-S, R-35-E

The water/carbon dioxide injection formation is Grayburg/San Andres at a depth of 4300-4700' below the surface of the ground.

Expected maximum injection rate is 2200 bbls. water and 5000 MMSCFD carbon dioxide per day and expected maximum injection pressure is 1350 pounds per square inch of water and 1850 pounds per square inch of carbon dioxide.

Interested parties must file objections or requests for hearing with the State of New Mexico, Energy, Minerals & Natural Resources Dept., Oil Conservation Division, 2040 S. Pacheco, Santa Fe, New Mexico 87504 within fifteen (15) days.

AFFIDAVIT OF PUBLICATION

State of New Mexico,
County of Lea.

I, 03112000

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

March 12 2000

and ending with the issue dated

March 12 2000

Publisher

Sworn and subscribed to before me this 13th day of

March 2000

Notary Public.

My Commission expires
October 18, 2000
(Seal)

LEGAL NOTICE
March 12, 2000

Notice is hereby given of the application of Phillips Petroleum Company, 4001 Penbrook St., Odessa, TX 79762, Attn: L.M. Sanders, (915) 368-1488, to the Oil Conservation Division, New Mexico Energy & Minerals Department, for the approval of the following water and carbon dioxide injection well authorization for the purpose of produced water and carbon dioxide injection.

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#17253

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

01102332000 01539440

Phillips Petroleum Company/ODE
4001 Penbrook
ODESSA, TX 79762

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write *"Return Receipt Requested"* on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
RSE Partners
3141 Hood St.
Dallas, TX 75219

4a. Article Number
Z 413 374 864

4b. Service Type
☐ Registered ☒ Certified
☐ Express Mail ☐ Insured
☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery
MAR 0 8 2000

5. Received By: *(Print Name)*

8. Addressee's Address *(Only if requested and fee is paid)*

6. Signature: *(Addressee or Agent)*
X Karen McPherson

PS Form **3811**, December 1994 102595-98-B-0229 Domestic Return Receipt

Is your RETURN ADDRESS completed on the reverse side?

Thank you for using Return Receipt Service.

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
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1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
State of New Mexico
Commissioner of Publiclands
P.O. Box 1148
Santa Fe, NM 87501-1148

4a. Article Number
Z 413 374 871

4b. Service Type
☐ Registered ☑ Certified
☐ Express Mail ☐ Insured
☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery

5. Received By: *(Print Name)*

8. Addressee's Address *(Only if requested and fee is paid)*

6. Signature: *(Addressee or Agent)*
X Mike L

MAR 08 2000

PS Form **3811**, December 1994 102595-98-B-0229 Domestic Return Receipt

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I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
Texaco Exploration & Production Inc.
P.O. Box 3109
Midland, TX 79702

4a. Article Number
Z 413 374 869

4b. Service Type
☐ Registered ☒ Certified
☐ Express Mail ☐ Insured
☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery
MAR 17 2000

5. Received By: *(Print Name)*
Sam Hinojosa

8. Addressee's Address *(Only if requested and fee is paid)*

6. Signature: *(Addressee or Agent)*
X

PS Form **3811**, December 1994 102595-98-B-0229 Domestic Return Receipt

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I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Arco Permian
P.O. Box 1610
Midland, TX 79702

4a. Article Number: Z 413 374 873

4b. Service Type
☐ Registered ☒ Certified
☐ Express Mail ☐ Insured
☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery: MAR 07 2000

5. Received By: *(Print Name)*

6. Signature: *(Addressee or Agent)* X

8. Addressee's Address *(Only if requested and fee is paid)*

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SENDER:
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I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Exxon Corp.
P.O. Box 4698
Houston, TX 77210-4698

4a. Article Number: Z 413 374 874

4b. Service Type
☐ Registered ☒ Certified
☐ Express Mail ☐ Insured
☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery: MAR - 9 2000

5. Received By: *(Print Name)*

6. Signature: *(Addressee or Agent)* GEE

X

8. Addressee's Address *(Only if requested and fee is paid)*

PS Form **3811**, December 1994 102595-98-B-0229 Domestic Return Receipt

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Thank you for using Return Receipt Service.

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I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Mobil Producing Texas & New Mexico
P.O. Box 633
Midland, TX 79702

4a. Article Number: Z 413 374 876

4b. Service Type
☐ Registered ☒ Certified
☐ Express Mail ☐ Insured
☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery: MAR 07 2000

5. Received By: *(Print Name)*

6. Signature: *(Addressee or Agent)* X

8. Addressee's Address *(Only if requested and fee is paid)*

PS Form **3811**, December 1994 102595-98-B-0229 Domestic Return Receipt

Is your RETURN ADDRESS completed on the reverse side?

Thank you for using Return Receipt Service.

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

GOVERNOR

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

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

RE: Proposed:
MC
DHC
NSL
NSP
SWD
WFX
PMX X

East Vacuum Gb/SA Unit Field: Grayburg/San Andres

Well #395 2630' FSL & 645' FEL, Sec. 31, T-17-S, R-35-E
Well #396 2630' FSL & 1950' FEL, Sec. 31, T-17-S, R-35-E
Well #398 1350' FSL & 2165' FEL, Sec. 31, T-17-S, R-35-E
Well #399 10' FSL & 660' FEL, Sec. 31, T-17-S, R-35-E

Gentlemen:

I have examined the application for the:

Phillips Petroleum Corp
Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

ok

Yours very truly,

Chris Williams
Supervisor, District 1

/ed