PMX 7/29/97

191

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

RECEIVED
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
SEP 12 1997
OIL CONSERVATION DIVISION

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: Joy Maples 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.

V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.

* VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.

VII. Attach data on the proposed operation, including:

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

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

IX. Describe the proposed stimulation program, if any.

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

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

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

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

XIV. Certification

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

Name: L. M. Sanders (915) 368-1488 Title Sr. Regulatory Analyst

Signature: Joy Maples Date: 9-10-97

* 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. Oct. 25, 1978, Case 6367, (order #R-5897 appvd. 1-16-79)
Amended 11-19-81, Case #7426 (order #R-6856, appvd. 12-16-81) amended 1-11-90

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.

EAST VACUUM GRAYBURG SAN ANDRES UNIT

ATTACHMENT III TO FORM C-108
APPLICATION FOR AUTHORIZATION TO INJECT
PROPOSED CONVERTED PRODUCERS TO INJECTION WELLS

Tract & Well No.	API Number	Sec	Tn	Rg	Footage	Well Status
3202-019	30-025-30020	32	17S	35E	2065FNL, 2540 FEL	GBSA Prod.
3229-012	30-025-30280	32	17S	35E	2630FSL, 569FWL	GSSA Prod.

INJECTION WELL DATA SHEET

OPERATOR PHILLIPS PETROLEUM COMPANY LEASE EAST VACUUM GRAYBURG SAN ANDRES UNIT

WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE
3229-012	2630 FSL, 569 FWL	32	17S	35E

Schematic

Well Construction Data

Surface Casing

Size 13.375 " Cemented with 1400 sx.

TOC surface feet determined by circulation

Hole Size 17.5"

Intermediate Casing

Size _____ " Cemented with _____ sx.

TOC _____ feet determined by _____

Hole Size _____

Long String

Size 5.5" " Cemented with 1700 sx.

TOC surface feet determined by circulation

Hole Size 11"

Total Depth 4800'

Injection Interval

preforated

4305 feet to 4608 feet

(perforated or open-hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size 2.875" lined with plastic coating (type of internal coating) set in a 5.5 ELDER LOK-SET packer at 4250 feet

Other type of tubing / casing seal if applicable _____

Other Data

1. Is this a new well drilled for injection? ____ Yes __x__ No

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

2. Name of the injection formation SAN ANDRES

3. Name of Field or Pool (if applicable) VACUUM

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 names and depths of any over or underlying oil of gas zones (pools) in this area.

   QUEEN 3682'

   GLORIETA 5800'

PROCEDURE NO.: _____

WELL SERVICE APPROVAL - NON AFE
PHILLIPS PETROLEUM COMPANY--PERMIAN BASIN REGION

RKB @ 3981 '
CHF @ 3971 '
GL @ 3970 '

Category Code: ONE Date July 28, 1997
Area NORTH Subarea EVGSAU
Lease & Well No. EVGSAU 3229-012, API # 30 025 30280,
Legal Description 2630' FSL & 569' FWL, SEC 32, T17S, R35E
LEA COUNTY State: NEW MEXICO
Field EAST VACUUM
Status: PRODUCER _____BOPD _____BWPD _____MCFD
Tbg: _____ of 2-7/8" OD, _____#/ft, Gr. _____
_____ of _____" OD, _____#/ft, Gr. _____
Packer: _____ Packer Type: _____
Date Drilled/Completed: 1988
Hole/Casing Condition: _____
Stimulation History: 1 & 2 original completion. 4305-4320 perfs added in 96

	Interval	Date	Type	Gals	# Sd.	AIR	Max P	Avg P	ISDP	Down
1.	4548'-4608'	07/88	ACID	9000			3000	2900	2570	
2.	4344'-4455'	07/88	ACID	6000			3300	2675	2450	
3.	4305'-4320'	12/96	Frac		200M#		4500		4235	

Proposal: Convert well to an injector.

17-1/2" Hole

13-3/8" 48# csg. @ 1533'
cmtd w/1400 sx.
TOC @ SURFACE, CIRC.

11" Hole

5-1/2" 15.5# csg. @ 4790'
cmtd/w 200 sx.
TOC @ SURFACE, CIRC.

Tbg. 2-7/8"

Zone
Perfs:
4305-4320 all 1 SPF
4344-4354
-- 4359-4366
-- 4370-4378
-- 4383-4391
-- 4413-4420
-- 4445-4455
-- 4548-4555
-- 4570
-- 4572-4580
-- 4588-4592
-- 4598-4608
--
--
--

PTD @ 4738'

TD @ 4800'

Prepared by: Craig Stewart
Troy Paige
Prod Engr: Roger Becker

i:\wellfile\2wb\3229012.2wb

INJECTION WELL DATA SHEET

Tubing Size 2.875 lined with plastic coating set in a
(type of internal coating)
5.5 ELDER LOK-SET packer at 4300' feet

Other type of tubing / casing seal if applicable _____

Other Data

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

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

2. Name of the injection formation SAN ANDRES

3. Name of Field or Pool (if applicable) VACUUM

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 names and depths of any over or underlying oil of gas zones (pools) in this area.

   QUEEN @ 3690'

   GLORIETA @ 5800'

INJECTION WELL DATA SHEET

OPERATOR PHILLIPS PETROLEUM COMPANY LEASE EAST VACUUM GRAYBURG SAN ANDRES UNIT

WELL NO. 3202-019 2065' F NL, 2540' FEL 32 17S 35E
FOOTAGE LOCATION SECTION TOWNSHIP RANGE

Schematic

Well Construction Data

Surface Casing

Size 8.625 " Cemented with 1000 sx.

TOC surface feet determined by circulation

Hole Size 12.25

Intermediate Casing

Size _____ " Cemented with _____ sx.

TOC _____ feet determined by _____

Hole Size _____

Long String

Size 5.5 " Cemented with 1390 sx.

TOC surface feet determined by circulation

Hole Size 7.785

Total Depth 4800'

Injection Interval

perforated 4352 feet to 4645 feet

(perforated or open-hole; indicate which)

Procedure No. _____

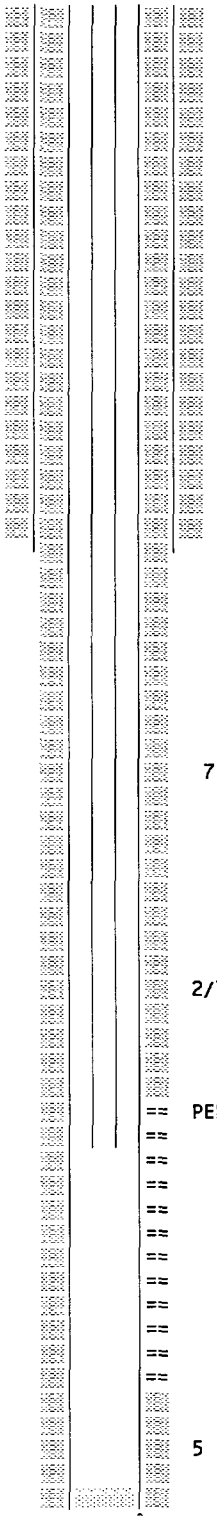
WELL SERVICE APPROVAL - NON AFE
PHILLIPS PETROLEUM COMPANY--PERMIAN BASIN REGION

RKB @ 3975 '
CHF @ _____ '
GL @ 3962 '

Category Code: None Date July 28, 1997
Area NORTH Subarea EVGSAU
Lease & Well No. EVGSAU #3202-019
Legal Description 2065' FNL & 2540' FEL, SEC.32, T17S, R35E
LEA COUNTY State: NEW MEXICO
Field VACUUM Gb/SA
Status: Active Producer 10 BOPD 35 BWPD 51 MCFD
Tbg: 4475' of 2 7/8" OD, 6.5 #/ft, Gr. J-55
_____ of _____" OD, _____#/ft, Gr. _____
TAC: _____ TAC Type: NA
Date Spudded/Completed: NOVEMBER, 1987
Hole/Casing Condition: _____
Stimulation History:

	Interval	Date	Type	Gals	# Sd.	AIR	Max P	Avg P	ISDP	Down
1.	4380'-4645'	11/87	ACID	7000			2000		1300	
2.	4352'-4645'	12/90	ACID	6000			2000		1800	TBG.
3.										
4.										
5.										

PROPOSAL: Convert well to an injector.



TD-4800'
PBTD-4756'

Prepared By: Craig Stewart and
Troy Paige
Prod Engr: Roger Becker

i:\WELLFILE\EVGSAU\3202019.WBS

AFFIDAVIT OF PUBLICATION

State of New Mexico,
County of Lea.

I, KATHI BEARDEN

Publisher

of the Hobbs Daily News-Sun, a daily 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

August 31 1997

and ending with the issue dated

August 31 1997

Kathi Bearden

Publisher

Sworn and subscribed to before me this 29th day of

August 1997

Jodi Henson

Notary Public.

My Commision expires
October 18, 2000
(Seal)

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.

LEGAL NOTICE
August 31, 1997

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

Well Name: East Vacuum Gb/SA Unit #3202-019 & 3229-012

Field: Grayburg/ San Andres

East Vacuum Gb/SA Unit #3202-019 location: 2065 feet from the North line and 2540 feet from the East line, Section 32, T17S, R35E, Lea County, New Mexico.

East Vacuum Gb/SA Unit #3229-012 location: 2630 location: 2630 feet from the South line and 569 feet from the West line, Section 32, T17S, R35E, Lea County, New Mexico.

The water/carbon dioxide injection formation is Grayburg/San Andres at a depth of 4305 - 4645' 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.

#15393

01102332000 01510684

Phillips Petroleum Company
4001 Penbrook
a/c 459001
ODESSA, TX 79762

WELL SERVICE APPROVAL
PHILLIPS PETROLEUM COMPANY--PERMIAN BASIN REGION

RKB @ 3975 '
CHF @ '
GL @ 3962 '

Category Code: 1 Date April 25, 1994
Area Permian Basin Region Subarea EVGSAU
Lease & Well No. East Vacuum Grayburg San Andres Unit No. 3202-002
Legal Description 660' FNL, 1977' FWL, SEC. 32, T17S,R35E
Lea County State: New Mexico
Field Vaccum (Grayburg-San Andres)
Status : P & A

Plugging Proposal - # Sacks --------- Top ---------- Bottom -----

	# Sacks	Top	Bottom
Plug #1	125	4100	4675
Plug #2	25	4000	4100
Plug #3	25	2700	2800
Plug #4	85	1500	1625
Plug #5	70	3	325

Plug 5: 3'-325'
70 sxs

13 3/4" hole
10 3/4" 40# @ 220'
CMTD: w/125 sx
TOC: surface Cal. 75% fill

WATERTABLE:

8/1950
Squeezed hole in casing 5 1/2"
csg @ 707' w/95 sx

Plug 4: 1500'-1625'
85 sxs

9-7/8" hole
7-5/8" 26.4# csg. @1551'
CMTD: 400 sx.
TOC: Surface

NMOCD District: Hobbs, N.M.
Lease No: A-1320
API No: 30-025-02963
Lease acctg. Code: 600160

Plug 3: 2700'-2800'
25 sxs

plug 2: 4000'-4100'
25 sxs

Plug 1: 4100'-4675'
125 sxs

6 3/4" hole
5 1/2" 17# @ 4150'
CMTD: w/250 sx
TOC: 1888' (Calc. 75% fill)

4-3/4" open hole: 4150-4675'

Fish @ 4637-4672' Bit, sub, 1 jt. tubing.

Formation Tops:

Anhydrite	1530'
Top Salt	1740'
Base Salt	2749'
Queen	3804'
San Andres	4364'

TD: 4675'

File name H:\WELLFILE\EVGSAU\3202002.PA

Phillips Petroleum Co.- Permian Basin Region

RKB: 3970'
DF: 3969'
GL: 3956'

Date:

Area: North Sub-area: Buckeye Spud Date: 3/65

12-1/4" Hole

Lease & Well Name: VGEU # 17-01

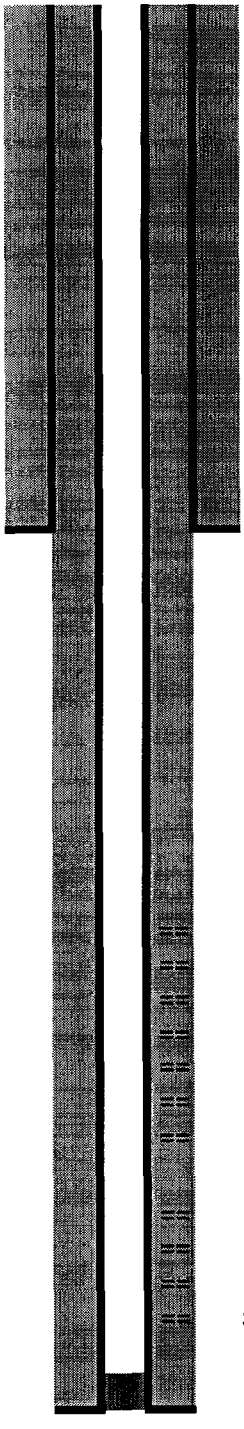
Legal Description: 2110 FSL & 1980 FEL

Unit: J Sec: 31 Twn: 17s Rng: 35E

County: Lea State: NM

Field: Vacuum Glorieta

Status: T&A



Set @: 1545' w/ 850 sxs
circ.

7-7/8" Hole

Perfs: 6007'-6015'
6009'-6017'
6011'-6019'
6013'-6021'

6031,33,35,37,39,41,43,45,
47,51,53,55,61,63,64

Set@: 6200 w/2575 sxs
circ.

TD: 6200

2913-008

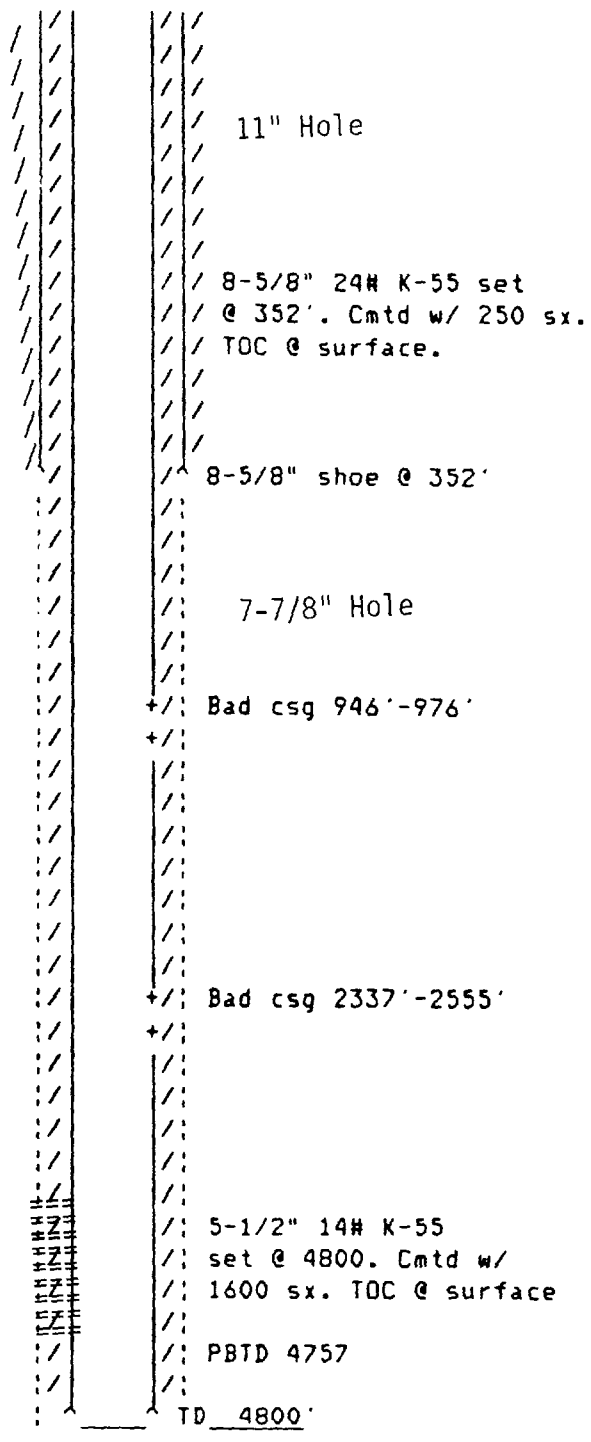
NOT RKB@ 3975.7'
CHF@
GL@ 3966.1'

Date: July 1990

Status : P & A

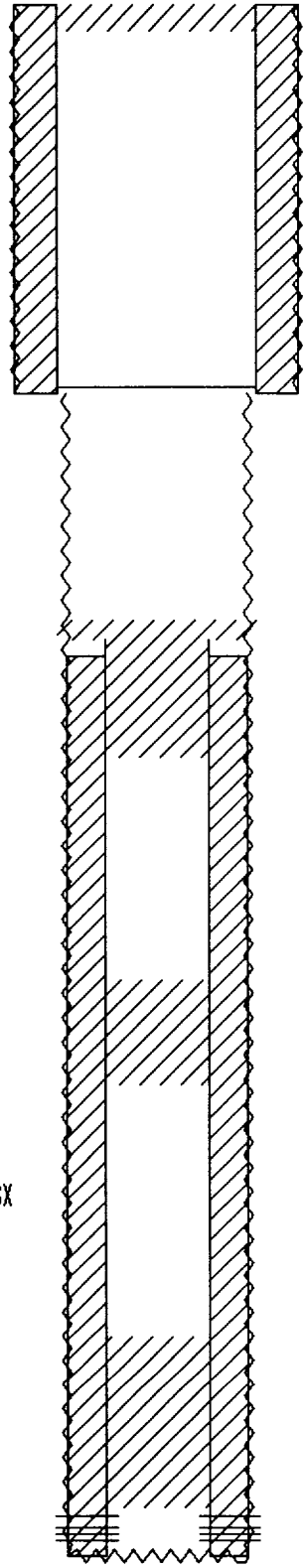
Proceedure : Due to various casing Leaks the Wellbore was completely filled with Cement.

Legal Description: 1533' FEL & 130' FSL
Unit: O Sec: 29 Twn: 17s Rng: 35E
County: Lea State: NM
Field: East Vacuum (GR-SA) Unit



Perfs: 4504'-4513'
4516'-4519'
4558'-4577'
4661'-4664'
4674'-4678'

EXXON
STATE K NO. 22
API# 3002520713
(VGEU 02-05)



0 - 100' CEMENT PLUG

0 - 1558' CEMENT 825 sx

0 - 1558' 8.625" OD SURF CSG

0 - 1558' 12.25 " OD HOLE

1530 - 1533' CIBP W/ 10 sx

2455 - 2531' CEMENT PLUG

2531 - 3005' CEMENT PLUG

1980 FSL & 2307 FEL
SEC 32 , TWN 17 S, RANGE 35 E
SPUD DATE: 03-02-64
COMPLETION DATE: 04-15-64
COMPLETION INTERVAL: 6112 - 6122

3900 - 4310' CEMENT PLUG

2600 - 6210' CEMENT 900 sx

5328 - 6017' CEMENT PLUG

6112 - 6122' PERFS
6016 - 6148' PERFS

2531 - 6210' 4.5" OD PROD CSG

1558 - 6210' 7.875 " OD HOLE

KB ELEV: 3959'
PBTD: 6175'
TD: 6210'

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	3236-009	30-025-30018	2510 FNL, 1850 FWL 32-17S-35E	8 5/8	1518	1145				5 1/2	4790	1250	surface	Oct-87	4327-4661	prod SADR	4790
Altura	Hoover	32-1	30-025-33594	2231FNL, 385FEL 32-17S-35E	13 3/8	1615	1500	8 5/8	4825	1380	5 1/2	9500	1504	4300	Sep-96	7624-8089	prod drinkad	9500
Altura	Hoover	32-2	30-025-33828	2290FNL, 2205FEL 32-17S-35E	13 3/8	1531	1200	8 5/8	4806	1150	5 1/2	8200	1150	4300	Mar-97	7649-8002	prod drinkard	8200
Altura	Hoover	32-4	30-025-33843	2060FSL, 1760 FEL 32-17S-35E	11 3/4	1554	850	8 5/8	8203	1854	5 1/2	8203	1854	3175	Apr-97	7630-8030	prod drinkaed	8500
Altura	Hoover	32-5	30-025-33844	980FNL, 360FEL 32-17S-35E	8 5/8	1550	500				5 1/2	8500	1875	surface	May-97	7625-8060	prod drinkard	8200
Altura	State A	9	30-025-32623	31-17S-35E	13 3/8	1476	1500	8 5/8	3200	1050	5 1/2	8100	1890	surface	Oct-94	7565-7887	prod drinkard	8100

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 selective 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. As the waterflood matures additional matrix acid treatments may be preceded by an oil soluble surfactant, and the acid mixture may contain commercial mutual solvents.

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.

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 INJECTION WELLS

The proposed average and maximum daily water injection rate is:

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

The proposed average and maximum daily carbon dioxide rate is:

Average daily rate 3,000 MMSCFD, Maximum daily rate 5,000 MMSCFD

Both the water and carbon dioxide systems are closed.

The proposed average and maximum surface injection pressures for water are:

Average injection pressure 1,000 PSIG, Maximum* injection pressure 1,350 PSIG

The proposed average and maximum surface injection pressures for carbon dioxide are:

Average injection pressure 1,500 PSIG, Maximum* 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 two sources of carbon dioxide are from reinjected produced gas and purchased pipeline sales gas. The gas composition is approximately:

CARBON DIOXIDE	91%
HYDROGEN SULPHIDE	2%
NITROGEN	2%
HYDROCARBON	5%

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

P 621 659 135

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to Texaco Exp. & Prod.	
Street & Number P.O. Box 730	
Post Office, State, & ZIP Code Hobbs, NM 88240	
Postage	$ 1.24 ~~1.43~~
Certified Fee	1.10
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	1.35
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$ ~~2.88~~ 3.69
Postmark or Date	9-10-97

PS Form **3800**, April 1995

P 621 659 133

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to ARCO Permian	
Street & Number BTY 1610	
Post Office, State, & ZIP Code Midland, TX 79702	
Postage	$ 1.24 ~~1.43~~
Certified Fee	1.10
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	1.35
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$ ~~2.88~~ 3.69
Postmark or Date	9-10-97

PS Form **3800**, April 1995

0-025-

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M CAM

Z 017 100 538

Receipt for Certified Mail
No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Sent to State of New Mexico Commissioner of Public Lands	
Street and No. P.O. Box 1148	
P.O., State and ZIP Code Santa Fe, NM 87501	
Postage	$ ~~1.24~~
Certified Fee	1.10
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	1.35
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	$ 2.88
Postmark or Date	9-10-97 3.69

PS Form **3800**, March 1993

P 621 659 134

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to Exxon Corp	
Street & Number Box 4698	
Post Office, State, & ZIP Code Houston, TX 77210-4698	
Postage	$ 1.24 ~~1.43~~
Certified Fee	1.10
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	135
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$ ~~2.88~~ 3.69
Postmark or Date	9-10-97

PS Form **3800**, April 1995

ATTACHMENT NO. XIV

Notification

I hereby certify that a complete copy of this application was sent by certified mail to the below listed persons on September 9, 1997.

Signed: for Jerry Mapes
Name: L. M. Sanders
Title: Sr. Regulations Analyst
Date: 9/10/97

SURFACE OWNER:

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

OFFSET OPERATORS:

Altura Energy, Ltd.
P. O. Box 12550
Odessa, TX 79768

Arco Permian
Box 1610
Midland, TX 79702

Exxon Corp.
Box 4698
Houston, TX 77210-4698

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

Phillips Petroleum Company
4001 Penbrook
Odessa, TX 79762

CHECKLIST for ADMINISTRATIVE INJECTION APPLICATIONS

Operator: _____ Well: EVGSAU # 12-19

Contact: Larry Sanders Title: Regulatory Compliance Phone: 915-368-1671

DATE IN 9-12-97 RELEASE DATE 9-29-97 DATE OUT 10-8-97

Proposed Injection Application is for: X **WATERFLOOD** ___ Expansion ___ Initial

Original Order: R- 6856 X Secondary Recovery X Pressure Maintenance

SENSITIVE AREAS ___ **SALT WATER DISPOSAL** ___ Commercial Well

___ WIPP ___ Capitan Reef

Data is complete for proposed well(s)? YES Additional Data Req'd _____

AREA of REVIEW WELLS

10 Total # of AOR 1 # of Plugged Wells

YES Tabulation Complete ___ Schematics of P & A's

YES Cement Tops Adequate NO AOR Repair Required

INJECTION FORMATION

Injection Formation(s) San Andres Compatible Analysis YES

Source of Water or Injectate Area water + CO_2

PROOF of NOTICE

YES Copy of Legal Notice YES Information Printed Correctly

YES Correct Operators YES Copies of Certified Mail Receipts

NO Objection Received ___ Set to Hearing _____ Date

NOTES: _____

APPLICATION QUALIFIES FOR ADMINISTRATIVE APPROVAL? YES

COMMUNICATION WITH CONTACT PERSON:

1st Contact: ___ Telephoned ___ Letter _____ Date Nature of Discussion _____

2nd Contact: ___ Telephoned ___ Letter _____ Date Nature of Discussion _____

3rd Contact: ___ Telephoned ___ Letter _____ Date Nature of Discussion _____

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

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

PMX-191

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

9/29/97

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

Gentlemen:

I have examined the application for the:

Phillips Pet Co E Vacuum GB/SA #17-J-32-17-35 #19-G-32-17-35
Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

Recommend approval

Yours very truly,

Chris Williams

Chris Williams
Supervisor, District 1

/ed