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Address: 4001 Penbrook Street, Odessa, Texas 79762 Contact partyr Larry Hollenbeck Phone: (915) 368-1410 III. Veil data: Complete the data required on the reverse side of this fors for each veil proposed for injection. Additional sheets any the statched if necessary. IV. Is this an expension of an existing project? Give: Complete the data required on the reverse side of this fors for each veil injection well time son-half all value and leases within two siles of any proposed injection well. This circle is identified the well's sens of review. V. Attach a map that identifies all vells of public record within the area of review which pendictic identifies the well's sens of review. V. Attach a tabulation of data on all vells of public record within the area of review which pendictic identifies all vells. A condition of each well to the sense of version. VII. Attach a tabulation of data on all vells of public record within the area of review which pendictic the proposed operation, including: Proposed version and maximum including: Proposed version and maximum including: Proposed version and maximum including: Proposed version and maximum including: Proposed version and circle in any election reversion of refer the reversion of constructing and public record vitin of a sense will be any election of any public deveload water; and Proposed version and circle in any election for any public deveload water; and Proposed version and circle in proposed in a size of review in any election of all one any public deveload water; any the publichelection is the size of reviewers; <	1.	
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 detail, geological mame, 'thicknass, and depth. Give the geologic mame, and depth to bottom of all underground sources of dinking water (souifers 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 sporopriste logging and test data on the well. (If well logs have been film4 with the Division they need not be resubmitted.) XI. Attach a chemical analysis of frash 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 asaples were taken. XII. Applicants for disposal wells must make an affirmative statement that they have exercised 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:		 Whether the system is open or closed; Proposed average and maximum injection pressure; Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and 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
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DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate Division	submit of the	earlier submittal. October 25, 1978, Case 6367 (Order No. R-5897, Approved 1-16-79)
	DISTRI	IBUTION: Original and one copy to Santa Fe with one copy to the appropriate Division

district offic

111. 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 ...

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.

- 8. 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

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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.

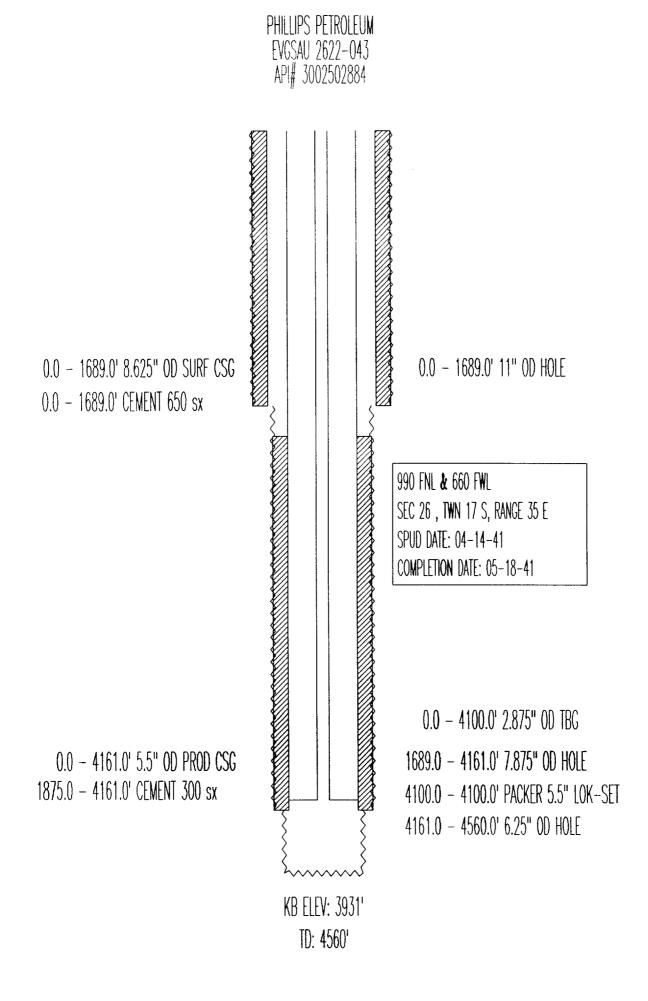
NOTICE: Surface owners or offset operators must file any objections or requesta for hearing of administrative applications within 15 days from the date this application was mailed to them.

EAST VACUUM GRAYBURG SAN ANDRES UNIT

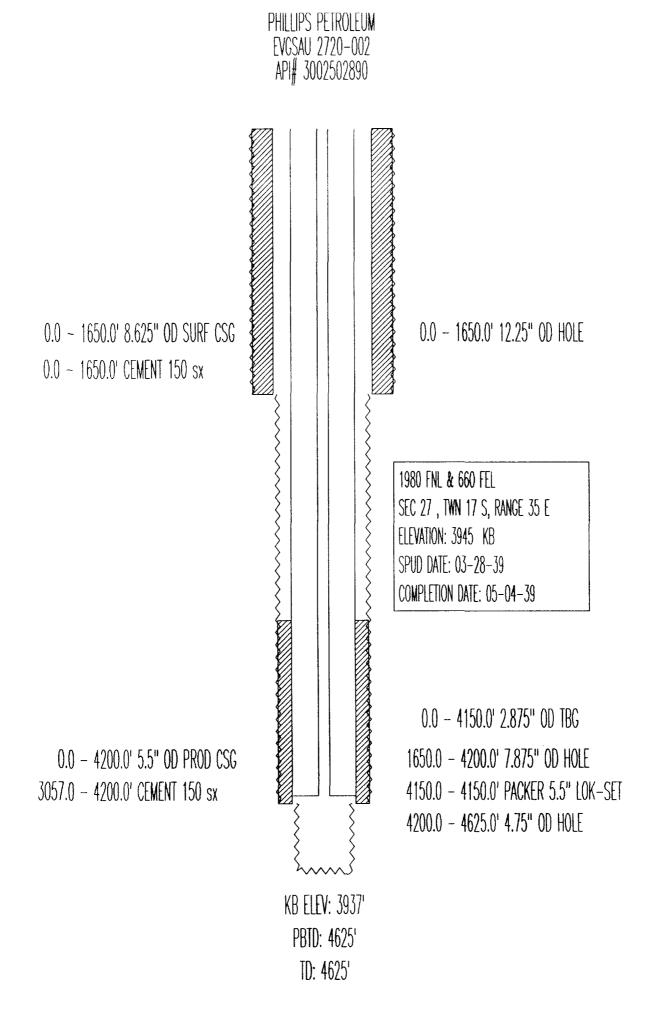
ATTACHMENT III TO FORM C-108 APPLICATION FOR AUTHORIZATION TO INJECT PROPOSED CONVERTED PRODUCERS TO INJECTION WELLS

Tract & Well No.	API <u>Number</u>	<u>Unit</u>	<u>Sec</u>	-Tn-R	g	Footage	Well <u>Status</u>
2622-043	3002502884	D	26	17S	35E	990' FNL, 660' FWL	GBSA PROD
2720-002	3002502890	н	27	17S	35E	1980 FNL, 660 FEL	GBSA PROD
2721-007	3002502893	N	27	17S	35E	660 FSL, 1980 FWL	GBSA PROD
2739-003	3002502897	J	27	17S	35E	1980' FSL, 1980 FEL	GBSA PROD
3456-002	3002503017	D	34	17S	35E	660 FNL, 660 FWL	GBSA PROD

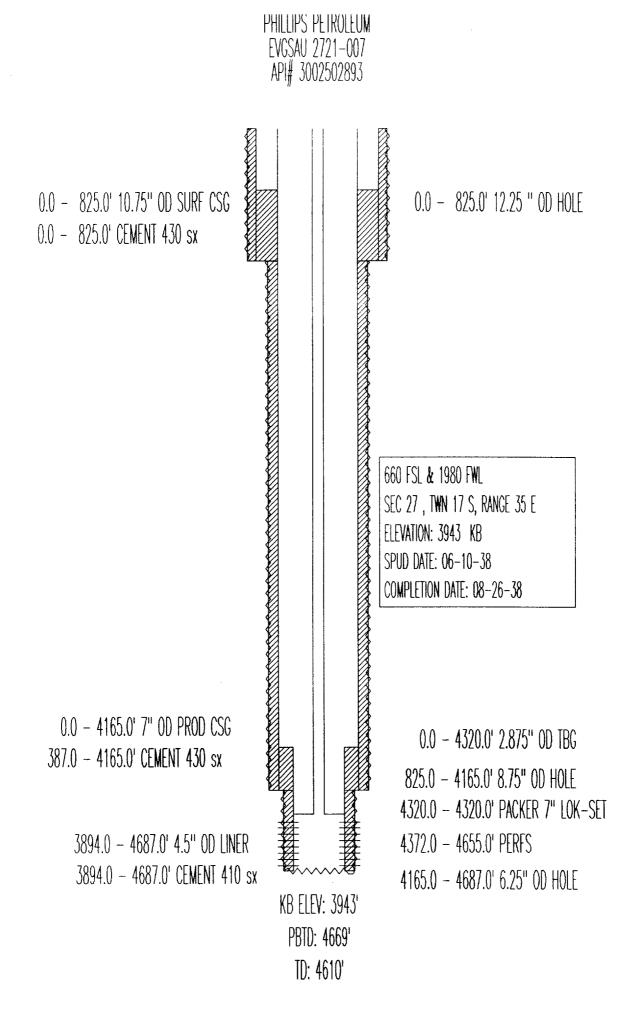
¥3.



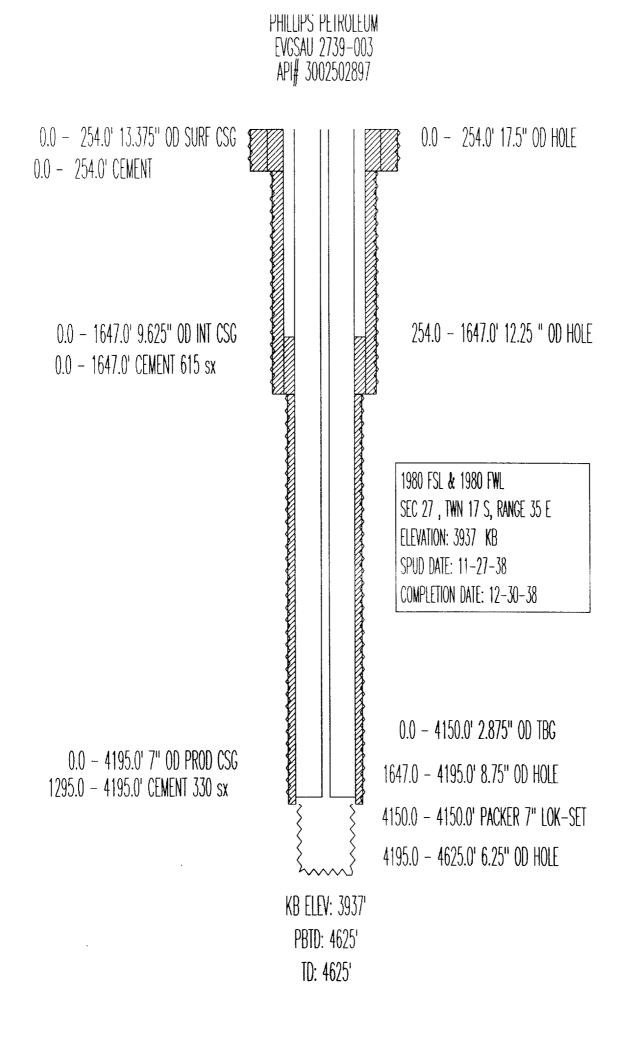
WELL NO. FOOTAGE LOCATION SECTION TOWNSHIP RANGE Tabular Data Surface Casing @ 1689' Long String @ 4161' Size 8.625 Cemented with 650 sx Size 5.5' Cemented with 300 sx TOC surface feet determined by Circulation TOC 1875 feet determined by Calculation Hole size 11'' Hole size 7.875'' using 1.32 yield assuming 100% Total Depth 4560 Intermediate Casing @ Size 10'' Size	PHILLIPS PETROLEUM C	OMPANY		EAST VACUUM G	RAYBURG SAN	ANDRES UNIT	
WELL NO. FOOTAGE LOCATION SECTION TOWNSHIP RANGE Tabular Data Surface Casing @ 1589 Long Sting @ 4161' Size 8.625 Cemented with 300 sx TOC surface feet determined by Circulation TOC 1875 feet determined by Calculation Hole size 11* Hole size 7.675* using 1.32 yield assuming 100% Total Depth 4560 Intermediate Casing @ 132 yield assuming 100% Total Depth 4560 Intermediate Casing @ 132 yield assuming 100% Size	OPERA	TOR		LEASE			
WELL NO. FOOTAGE LOCATION SECTION TOWNSHIP RANGE Tabular Data Surface Casing @ 1588 Long Sting @ 4161' Size 5.5" Cemented with 300 sx TOC surface feet determined by Circulation TOC 1875 feet determined by Calculation Hole size 11" Hole size 7.875" using 13.2y ield assuming 100% Intermediate Casing @ 118 100 sx 1325 (st) Intermediate Casing @ 118 100 sx 100% Intermediate Casing @ 1191" to 4560" Intermediate Casing @ 1192" 4161" 100" Other Data Interview St is a new well drifted for injection? NO NO 110" If no, for what purpose wase the well orinjecti	2622-043	990' FN, 660' FW		26	17S	35E	
Surface Casing @ 1989' Long Sking @ 4181' Size 8.625 Cemented with 650 ex Size 5.5' Cemented with 300 ex TOC surface feet determined by Circulation TOC 1875 feet determined by Calculation Hole size 11' Hole size 7.875' using 1.32 yield assuming 100% Intermediate Casing @ Size 7.875' using 1.32 yield assuming 100% Size Cemented with Injection Interval TOC feet determined by 4161' to 4560' Hole size 4161' to 4560' Perforated domination Size Cemented with plastic coating set in a 5.5' ELDER LOK-SE packer at 4100' Other Data Interval VACUUM Size in a 5.5' ELDER LOK-SE packer at 4100' It no, for what purpose was the well originally drilled? NO NO NO NO NO It no, for what purpose was the well originally drilled? OIL PRODUCER NO NO NO It no, for what purpose was the well originally drilled? OIL PRODUCER Sis			N	SECTION			
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TOC surface feet determined by Circulation TOC 1875 feet determined by Calculation Hole size 11° Hole size 7.875° using 1.32 yield assuming 100% Intermediate Casing @ Intermediate Casing 0 Size	Surface Casing @ 1689'			Long String	<u>a @ 4161'</u>		
TOC surface feet determined by Circulation TOC 1875 feet determined by Calculation Hole size 11° Hole size 7.875° using 1.32 yield assuming 100% Intermediate Casing @ Intermediate Casing 0 Size	Size 8.625	Cemented with	650 sx	Size	5.5"	Cemented with	300 sx
Intermediate Casing @ Size	-	-	Circulation	тос	1875	_ feet determined by	Calculation
Total Depth4560	Hole size <u>11"</u>	-		Hole size	7.875	-	
Size Cemented with Injection Interval TOC feet determined by Hole size feet determined by Perforated Open-HoleX Tubing2.875" lined with plastic coating set in a <u>5.5" ELDER LOK-SE</u> packer at100" (brand & model) Other Data 1. Name of the injection formation <u>SAN ANDRES</u> 2. Name of the Field or Pool <u>VACUUM</u> 3. Is this a new well drilled for injection? <u>NO</u> If no, for what purpose was the well originally drilled? <u>OIL PRODUCER</u> 4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used). 5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. <u>VATES @ 2700'</u>				Total Dept	h <u>4560</u>	-	-
TOC	Intermediate Casing @						
Hole size	Size	_ Cemented with		Injection Ir	nterval		
Perforated		—					
or Open-HoleX Tubing2.875' lined with plastic coating set in a <u>5.5' ELDER LOK-SE</u> packer at4100'	Hole size	-		4161'	to	4560'	-
Open-Hole						_	
Other Data 1. Name of the injection formation SAN ANDRES 2. Name of the Field or Pool VACUUM 3. Is this a new well drilled for injection? MO If no, for what purpose was the well originally drilled? OIL PRODUCER 4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used). NO 5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. YATES @ 2700*					x	-	
1. Name of the injection formation SAN ANDRES 2. Name of the Field or Pool VACUUM 3. Is this a new well drilled for injection? NO If no, for what purpose was the well originally drilled? OIL PRODUCER	Tubing 2.875"	_ lined with	plastic coating			packer at	4100'
2. Name of the Field or Pool VACUUM 3. Is this a new well drilled for injection? NO If no, for what purpose was the well originally drilled? OIL PRODUCER 4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used). NO 5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. YATES @ 2700'	Other Data						
3. Is this a new well drilled for injection? NO If no, for what purpose was the well originally drilled? OIL PRODUCER 4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).	1. Name of the injection t	formation	SAN ANDRES		<u> </u>	······································	
If no, for what purpose was the well originally drilled? OIL PRODUCER 4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).	2. Name of the Field or F	001	VACUUM	·····			
 4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used). 	3. Is this a new well drille	d for injection?	NO				·····
intervals and give plugging detail (sacks of cement or bridge plug(s) used). NO 5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. YATES @ 2700'	If no, for what purpose	was the well original	y drilled?	OIL PROD	DUCER		
(pools) in this area. YATES @ 2700	intervals and give plug	ging detail (sacks of o	ement or bridge	plug(s) used).			
(pools) in this area. YATES @ 2700							<u>_,</u>
(pools) in this area. YATES @ 2700	5. Give the depth to and	name of any overlying	and/or underlvi	ng oil or gas zones		···· · = · •·· /=· · = = · , · ·	
GLORIETA @ 5800'	·						
		GLORIETA @ 5800'					



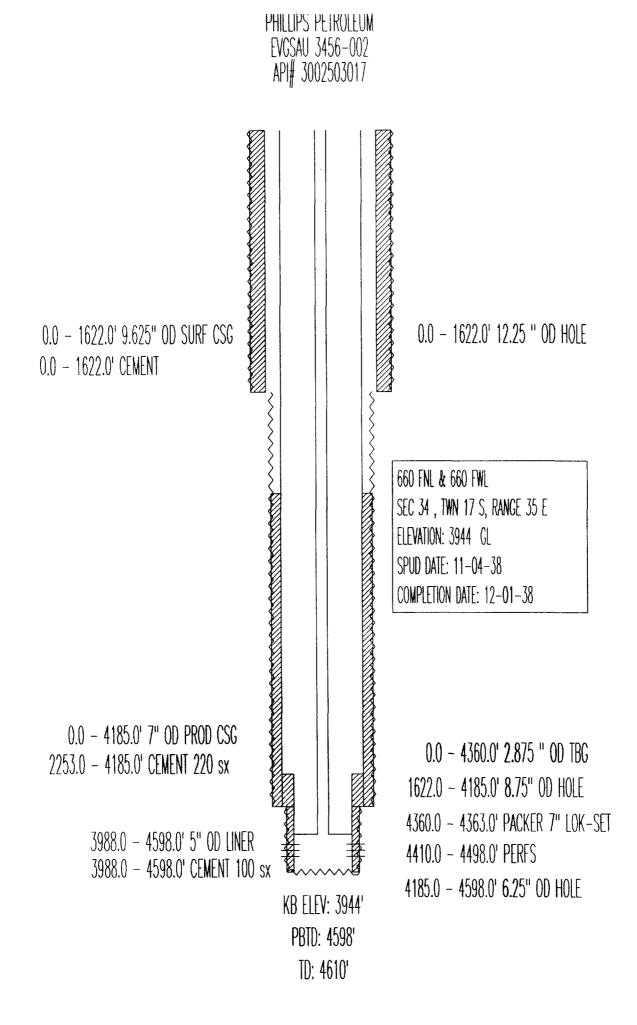
PHILLIPS PETROLEUM	COMPANY		EAST VACUUM	GRAYBURG SAN	ANDRES UNIT	
OPERA	ATOR		LEASE			
2720-002	1980' FN, 660' FE		27	17S	35E	
WELL NO.	FOOTAGE LOCATIO	NC	SECTION	TOWNSHIP	RANGE	
<u>Tabular Data</u>						
Surface Casing @ 1650	<u>.</u>		Long Stri	ng @ 4200'		
Size 8.62	5 Cemented with	150 sx	Size	5.5"	Cemented with	150 sx
TOC surface		Circulation		3057	 feet determined by	Calculation
Hole size <u>12.25"</u>			Hole size	7.875"		using 1.32 yield
			Total Dep	oth 4625		assuming 100%
Intermediate Casing @			-			
-						
Size			Injection	Interval		
TOC			4200'	to	4625'	
						-
			Perforate or	a	_	
			Open-Ho	leX	_	
					-	
Tubing <u>2.875</u> "	lined with	plastic coating		ELDER LOK-SE	T packer at	4150'
			(5)			
Other Data 1. Name of the injection	formation	SAN ANDRES				
-						
2. Name of the Field or						
3. Is this a new well dril	-	NO			<u>, _ , _ , _ , _ , </u>	
If no, for what purpos	se was the well original	ly drilled?	OIL PRO	DUCER		
·					<u> </u>	<u> </u>
4. Has the well ever be intervals and give plu	en perforated in any ot Igging detail (sacks of			ed		
NO		-				
						<u></u>
<u></u>	·······					
5 Cive the depth to an	t nome of one eventuin	n ond/or undertail				
5. Give the depth to and						
(pools) in this area.	YATES @ 2700'	,				
<u></u>	GLORIETA @ 5800			·	·····	<u> </u>



PHILLIPS	PETROLEUM			EAST VACUUM	GRAYBURG SAI	N ANDRES UNIT	
	OPERA	TOR		LEASE			
2721-007		660' FS,1980' FW		27	17S	35E	
WEL	L NO.	FOOTAGE LOCATIO	N	SECTION	TOWNSHIP	RANGE	******
Tabular D							
Surface C	asing @ 825'			Long Stri	ng @ 4165'		
Size	10.75	Cemented with	<u>430 sx</u>	Size	7"	Cemented with	430 sx
тос	surface	feet determined by	Circulation	тос	1238	feet determined by	Calculation
Hole size	12.25"	_		Hole size	8.75		using 1.32 yield assuming 100%
				Total Dep	oth <u>4687</u>	_	
Liner @ 3	894' - 4687'						
Size	4.5"	_ Cemented with	410 sx	Injection	Interval		
тос	3894	feet determined by	Calculation				
Hole size	6.25"		using 1.32 yield		to	4687	_
			assuming 100%	Perforate	d X		
				or Onen Hel		_	
				Open-Ho		_	
Tubing	2.875"	lined with	plastic coating	set in a <u>7" E</u>	LDER LOK-SET	packer at	4320'
				(bi	rand & model)		
Other Da	**						
	of the injection	formation	SAN ANDRES				
	of the Field or I		VACUUM				
		ed for injection?	NO				
		-	•····	OIL PRO			
it no,	for what purpos	e was the well original	ly drilled?		DUCER		
		en perforated in any ot			ed		
interv	als and give plu	gging detail (sacks of	cement or bridge	e plug(s) used).			
	NO						*
				. .			.
		nome of any eventuring	a and/ar underfail			<u>. </u>	
) in this area.	I name of any overlying YATES @ 2700'	g and/or underly	ng un ur gas zone	¢.		
		GLORIETA @ 5800	p				<u></u>
						<u> </u>	

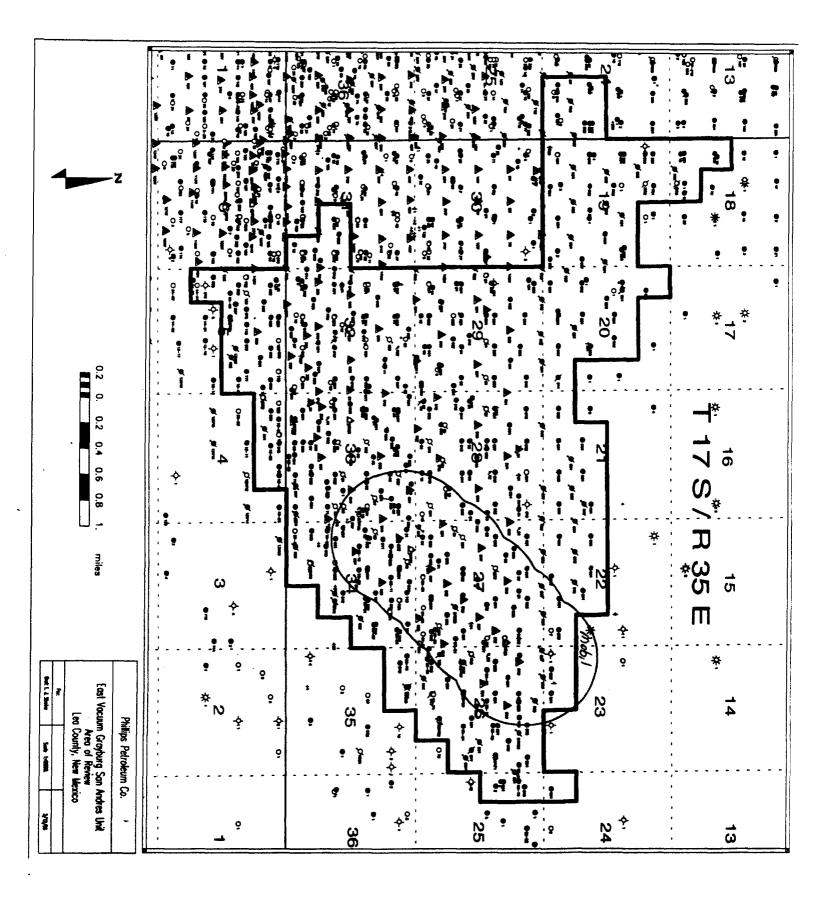


PHILLIPS	PETROLEUM C			EAST VACU	JM GR	AYBURG SAN	ANDRES UNIT	
	OPERAT	FOR		LEASE				
2739-003		1980' FS, 1980' FW		27		17S	35E	
WEL		FOOTAGE LOCATIO		SECTION		TOWNSHIP	RANGE	
<u>Tabular E</u>	Data							
Surface C	asing @ 254'			Long	String	<u>@ 4195'</u>		
Size	13.375	Cemented with	250 sx	Size		7"	Cemented with	330 sx
		feet determined by	Circulation			1295	feet determined by	Calculation
Hole size		-	<u>, , , , , , , , , , , , , , , , , , , </u>	•	size		-	using 1.32 yield assuming 100%
				Total	Depth	4625	_	
Intermedia	ate Casing @ 16	<u>547'</u>						
	9.625		615 sx	Iniec	tion Inte	ərval		
	surface	-						
Hole size		-		41	95'	to	4625'	-
				Perfo	orated		_	
				Oper	or n-Hole	x		
				000			-	
Tubing	2.875"	_ lined with	plastic coating	set in a	7" ELC	ER LOK-SET	_ packer at	4150'
					(bran	d & model)		
Other Da	ta							
1. Name	of the injection f	formation	SAN ANDRES					
2. Name	of the Field or P	ool	VACUUM					
3. Is this	a new well drille	d for injection?	NO	l				
lf no,	for what purpose	was the well original	y drilled?	OIL I	PRODL	JCER		
	he well ever beer	n perforated in any oth	ner zone(s)? Lis	t all such per	forsted		· · ·	· · · · · ·
		iging detail (sacks of						
<u> </u>	NO				· · · -			, ,
5. Give	the depth to and	name of any overlying	and/or underlyi	ing oil or gas	zones			
(pools) in this area.	YATES @ 2700'						
		GLORIETA @ 5800	•					
						· · · · · · · · · · · · · · · · · · ·		



PHILLIPS	PETROLEUM	OMPANY		EAST VAC		AYBURG SAN	NANDRES UNIT	
	OPERA	TOR		LEASE				
3456-002		660' FN, 660' FW		34		17S	35E	
WEL	LL NO.	FOOTAGE LOCATIO	DN	SECTION		TOWNSHIP	RANGE	
<u>Tabular D</u>	Data							
Surface C	asing @ 1622'			Lo	ng String	@ 4185'		
Size	9.625	Cemented with	325 sx	Siz	:e	7"	Cemented with	220 sx
тос	surface	_ feet determined by	Circulation	тс	ю	2253	_ feet determined by	Calculation
Hole size	12.25"	-		Ho	le size	8.75"	_	using 1.32 yield assuming 100%
				То	tal Dep th	4615	-	
Liner @ 3	3988' - 4598'							
Size	5"	Cemented with	<u>100 sx</u>	_ Inje	ection Inte	erval		
тос	3988	_ feet determined by	Calculation	_				
Hole size	6.25"	-	using 1.32 yield assuming 100%		4185'	to	4598'	-
				Pe	rforated or	X	_	
				Op	en-Hole		-	
Tubing	2.875"	lined with	plastic coating	set in a	7" ELC	DER LOK-SET	packer at	4360'
	·····	_	<u> </u>	-	-	d & model)		
Other Dat	ta							
1. Name	of the injection f	ormation	SAN ANDRES					
2. Name	of the Field or P	ool	VACUUN	1				······
3. Is this	a new well drille	d for injection?	NC)				
lf no, f	for what purpose	was the well originally	drilled?	01	L PRODU	JCER		
4. Has th interva	ne well ever beer als and give plug	n perforated in any oth ging detail (sacks of c	er zone(s)? List a ement or bridge p	all such perf plug(s) used	orated).			
	NO						·······	<u></u>
					<u> </u>	· <i>,</i>		- <u></u>
<u></u>								
		name of any overlying	and/or underlying	g oil or gas :	zones			
(pools)) in this area.	YATES @ 2700'					· · · · · · · · · · · · · · · · · · ·	
		GLORIETA @ 5800						······

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EAST VACUUM GRAYBURG SAN ANDRES UNIT

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ATTACHMENT IN TO POPUL CAOS APPLICATION FOR AUTHORIZATION TO INJECT

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WELLS WITHIN 1/2 MILE RADIUS OF REVIEW

WELL DATA TABLE

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Total Depth	6900	6230	6360	62.45	6290	6270	2006	6300	4777	4750	4800	4800	4800
Current Status	PROD	T&A	OON .	T&A	SI PROD	Si PROD	P&A **	QONA	WATER INJ.	WATER INJ.	WATER INJ.	WATER INJ	WATER INJ.
Record of Completion	8700 - 8740 ABO	6063 - 6120 GLOR	6024 - 6186 PDCK	6051 - 6079 PDCK 3043 - 3111 YATES	6114 - 6208 PDCK	6178 - 6200 PDCK	6116 - 6190 PDCK 2890 - 3094 YATES	6126 - 6165 PDCK	4440 - 4668 SADR	4410 - 4550 SADR	4530 - 4618 SADR	4536 - 4590 SADR	4430 - 4594 SADR
Date Drijed	03-02-80	03-25-64	03-07-94	11-06-63	12-19-63	12-09-63	07-17-63	06-29-94	02-15-82	08-23-84	11-25-81	11-15-82	11-22-82
Top of Cement	surface	2650 M	surface	2850' M	2905' M	2640' M	3675' M	2655' M	surface	surface	surface	surface	surface
Condition	1100	750	1965	9 26	1001	330	926	1600	1420	1400	1400	912	1140
-Production Casing- tim) Depth(ft) Or	0089	. 6230	6360	6245	6290	6269	8954	6300	4777	4750	4782	4800	4800
Proc Size(in)	5 12	4 12	5 1/2	5 1/2	5 12	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	4 12	4 12	4 1/2
sing	2860				1480	1500	1800						
Intermediate Casing ze(in) Deoth(ft) Cmin	5100				2985	2998	3200						
Size(in)	8 5/8				8 5/8	8 5/8	8 5/8						
Contiax	1500	825	8	575	Se	8	320	929	6	8	8	370	311
Surface Casing- D. Depth(ft) 5	64 0	1587	1625	1618	\$	360	361	1650	360	346	375	8	8
Sul Size(in)	13 3/8	8 5/8	8 5/8	8 5/8	13 3/8	13 3/8	13 3/8	/ 85/8	9 5/8	8 5/8	/ 8.5/8	8 5/8	8 5/8
Location	860 FS, 860 FE 27-17S-36E	330 FS, 330 FE 28-17S-35E	1455' FS, 1333 FE 28-175-35E	2310 FS, 660 FE 33-17S-36E	000 FN, 330 FE 27-175-36E	2310 FN, 1750 FE 27-17S-35E	2310 FN, 330 FE 27-17S-35E	1500 FN, 1410 FW 27-17S-36E	1400 FN, 50 FW 27-17S-35E	1550 FN, 150' FE 27-17S-36E	1300 FS, 2600 FW 22-17S-35E	30 FN, 200 FW 20-178-35E	50 FN, 2500 FE 27-17S-35E
API	3002530759	3002520710	3002532364	3002520330	3002520301	3002520253	3002520201	3002532367	3002526924	3002527116	3002527305	3002527344	2720-008 3002527345
Mell No.	90-10	01-11	01-13	06-02	1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1	11-03	11-04	26-06	2738-009	2720-006	2230-005	2622-007	2720-006
Operator Lease Name	Viic Abo Un	VGEN	VGEN	VGEU	N VOEN	ngen	NGEU	VGEN	EVGSAU	EVGSAU	EVGSAU	EVGSAU	EVGSAU
Other and a second s		Philips	Philips	Philips		Phillips			Phillips	Philips	Prime a	Primps 8	Prime a

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EAST VACUUM GRAYBURG SAN ANDRES UNIT ATTACHMENT III TO PORM C-108 APPLICATION POR AUTHORIZATION TO INJECT

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WELLS WITHIN 1/2 MILE RADIUS OF REVIEW

WELL DATA TABLE

Total	4710	4698	4800	4900	4803	4870	4800	4800	4800	4800	4800	4800	4727
Current Status	PROD	PROD	WATER INJ.	00H	WATER INJ.	PROD	PROP	S PROD	PROD	PROD	PROD	PROD	PROD
Record of Completion	4494-4677 GBSA	4420 - 4558 GBSA	4600 - 4766 SADR	4434 - 4634 SADR	4376 - 4661 GBSA	4575 - 4606 SADR	4517 - 4620 SADR	4579 - 4008 SADR	4407 - 4672 SADR	4431 - 4609 SADR	4335 - 4627 GBSA	4400 - 4646 SADR	4413 - 4647 SADR
Date Drilled	07-06-82	09-17-82	01-24-83	08-18-79	09-21-79	12-23-82	09-06-82	08-12-82	10-18-93	11-27-93	09-24-93	11-27-93	01-16-95
Top of Cement	3982	3955	surface	surface	surface	surface	surface	surface	surface	surface	surface	surface	surface
ing Cand(sx)	8	<u>8</u>	1405	1185	1336	1150	1200	1400	170	100	1150	1100	9 <u>9</u>
Sizelin Dention Casing	4709	4697	4896	4897	4803	4870	4800	4802	4800	4800	4800	4800	4727
Production Casing Size(in) Depth(11) On	4 12	4 1/2	5 1/2	7	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2
cmnt(sx)	8	8											
Intermediate Casing ize(in) Depth(ft) Cnn	4096	4121											
Intermediate Casing	2	7											
Surface Cashin Sizelin Depthili Cmnt(sx)	50	875	750	675	675	300	0 4	00 4	<u>8</u>	009	00 00	1000	750
Surface Casing Di Depthft) C	. 8	1591	1671	375	354	370	9 2	361	1675	1620	1664	1812	1608
Ste(n)	9 5/8	9.5.6	8/5 8	13 3/8	13 3/8	85/8	8 5/8	85/8	8 5/8	8 5/8	8 5/8	8 5/8	8 5/8
Location	1980' FN, 680 FE 33-175-35E	660 FN, 660 FE 33-178-36E	1976 FS, 1902 FE 34-17S-36E	1310 FS, 1330 FE 28-17S-35E	166' FN, 1155' FW 34-17S-35E	1050' FN, 1520 FE 34-175-36E	1730' FS, 880 FE 21-17S-35E	3002527428 1960' FS, 1960' FW 22-175-30E	535° FS, 100° FW 26-17S-35E	2296 FS, 227 FW 34-175-36E	600 FS, 1415 FW 27-17S-36E	1340' FN, 712' FW 34-175-36E	205' FS, 255' FW 27-17S-35E
API Number	3002502961	3002502985	3440-004 3002503010	3002526226	3456-006 3002526390	3002526522	3002527425	3002527426	3002532056	3002532057	3002532058	3456-011 3002532060	3002532736
Well No.	3333-001	3332-021	3440-004	2801-004	3456-006	3467-001	2109-002	2208-001	2648-004	3440-007	2721-003	3456-011	2721-368
Operator Longe Name, Weil No.	EVGSAU	EVGSAU	EVGSAU	EVGSAU	EVGSAU	EVGSAU	EVGSAU	EVGSAU	EVGSAU	EVGSAU	EVGSAU	EVGSAU	EVGSAU
Operator L		Philips ()			Philips E	Phillips E	Phillips B		Phillips				

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EAST VACUUM GRAYBURG SAN ANDRES UNIT

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

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WELLS WITHIN 1/2 MILE RADIUS OF REVIEW

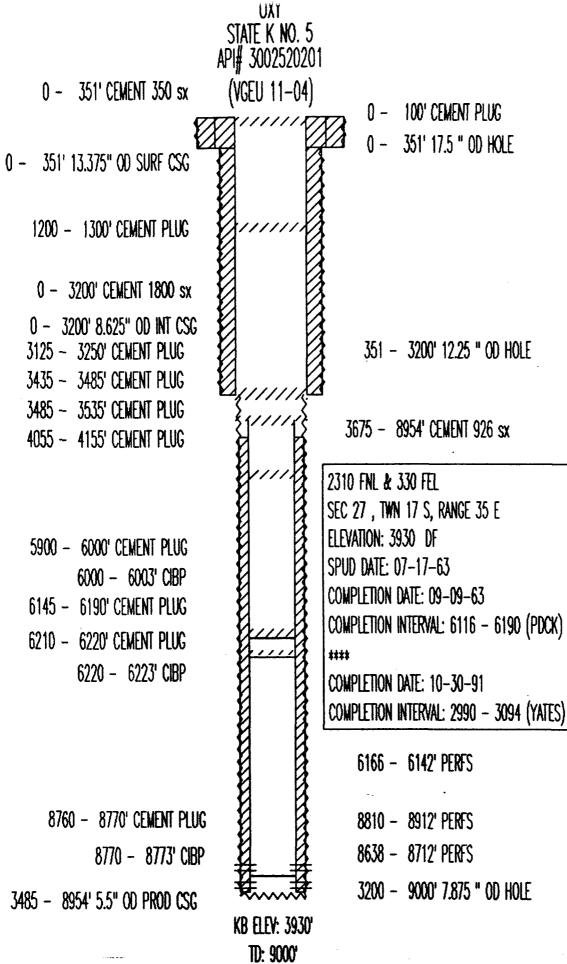
WELL DATA TABLE

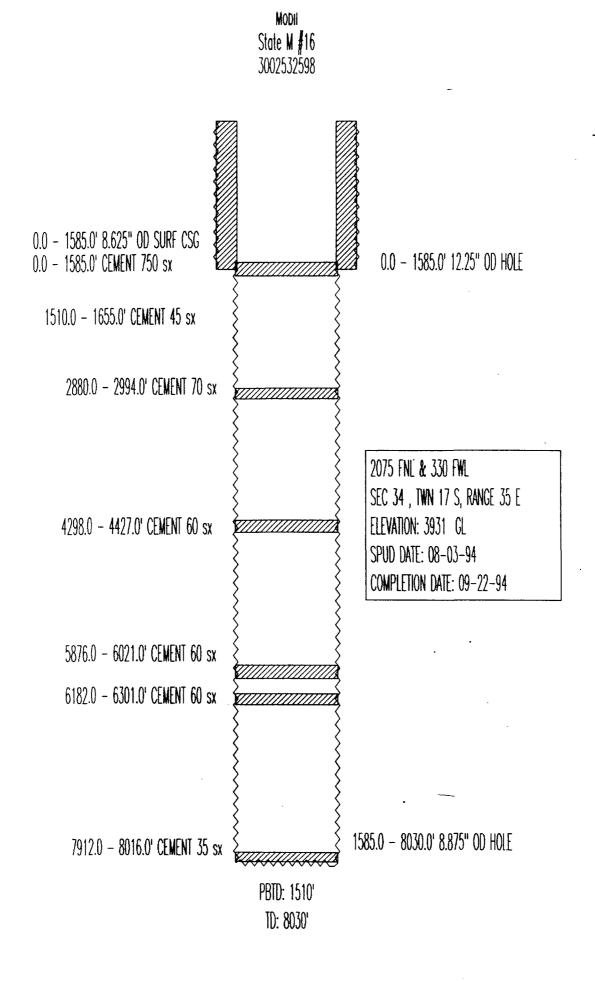
Qoerator Lease Néme - Weil No.	Re Well No.	API Number	Location	Surface Cas Size(in) Depthf	rface Casing Depth(11)	Connt(ex)	Size(in)	Intermediate Casing	Cmrt(sx)	Size(in)	Production Casing Size(in). Depth(ft): Cmnt(sx).		Top of Cement	Date Drilled	Record of Completion	Ourrent Status	Total Denth
Philips Evgsau		3002532762	3332-389 3002532762 1339 ⁶ FN 988 ⁶ FE 33-175-35E	8 5/8	1639	750				5 1/2	4783	06	surface	02-03-95	4411 - 4661 SADR	DON	4783
se Sec 22 COM	-	3002530509	1960' FS, 660' FE 22-175-30E	13 3/8	8	425	8 5/8	2000	1850	5 1/2	12328	1525	surface	03-27-89	03-27-89 11970 - 11985 ATOK	GAS	12330
3 8	1 6	3002532588	3002532598 2075 FN, 3307 FW 34-175-355	8 5/8	1585	750								09-22- 0 4	NONE	: Yid	0030
Maratho AC3	6	3002532512	3002532512 2150 FN, 500 FE 33-175-36E	11 3/4	1452	8	8 5/8	3022	775	5 1/2	PCPO	1460	surface	04-28-95	6664 - 7196 BLBR	DORP	8435

Top of Cament
 M. Measured by Temp. Survey or Cament Bond Log
 E. Estimated
 C. Calculated using a coment yield of 1.32 cu. ft./sack
 and assuming 50 % excess

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** See Diagram for phigging detail





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 UNDER APPLICATION

The proposed average and maximum daily water injection rates per well is:

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

The proposed average and maximum daily carbon dioxide rate per well is:

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

Both the water and carbon dioxide systems are closed.

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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.

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 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 and engineering data and finds no evidence of open faults nor any other hydraulic connection between the injection zone and any underground source of drinking water.

ATTACHMENT NO. XIV

NOTIFICATION

SURFACE LAND OWNER:

STATE OF NEW MEXICO COMMISSION OF PUBLIC LANDS P.O. BOX 1148 SANTA FE, NEW MEXICO 87501-1148

OFFSET OPERATORS:

MOBIL PRODUCING TEXAS AND NEW MEXICO BOX 1800 HOBBS, NM 88240

I hereby certify that a complete copy of this application has been furnished by certified mail to the above parties of interest.

Signed: L. M. Sanders

Senior Regulation Analyst

Date: March 20, 1996

Carlos a service and a

AFFIDAVIT OF PUBLICATION

Stale 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

March 17 , 1996 and ending with the issue dated

March 17_____,1996

Publisher

Sworn and subscribed to before

me this day of

1996 Notary Oublic.

My Commission expires March 24, 1998 (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 March 17, 1996

Notice is hereby given of the application of Phillips Petroleum Company, 4001 Penbrook Street, Odessa, Texas 79762, Attn: Mr. L. M. Sanders, (915) 368-1488, to the Oil Conservation Division, New Mexico Energy and Mineral Department, for approval of the following wells for water alternating carbon dioxide (C02) injection authorization:

Well No.: East Vacuum Grayburg San Andres Unit Tract 2622 Well No. 043

Field: Vacuum Gb/SA Location: 990 feet from the North line and 660 feet from the West line, Unit D, Section 26, T17S, R35E, Lea County, New Mexico

Well No.: East Vacuum Grayburg San Andres Unit Tract 2720 Well No. 002

Field: Vacuum Gb/SA

Location: 1980 feet from the North line and 660 feet from the East line, Unit H, Section 27, T17S, R35E, Lea County, New Mexico

Well No.: East Vacuum Grayburg San Andres Unit Tract 2721 Well No. 007

Field: Vacuum Gb/SA

Location: 660 feet from the South line and 1980 feet from

the West line. Unit N, Section 27, T17S, R35E

Well No.: East Vacuum Grayburg San Andres Unit Tract 2739 Well No. 003

Field: Vacuum Gb/SA Location: 1980 feet from the South line and 1980 feet from the East line, Unit J, Section 27, T17S, R35E

Well No.: East Vacuum Grayburg San Andres Unit Tract 3456 Well No. 002

Field: Vacuum Gb/SA

Location: 660 feet form the North line and 660 feet from the West line, Unit D, Section 34, T17S, R35E

The water/C02 injection formation is Grayburg/San Andres at a depth of 4350' - 4650' below the surface of the ground.

Expected maximum water injection rate is 2200 BWPD at a maximum injection pressure of 1350 PSIG. Expected maximum C02 injection is 5000 MMSCFD at a maximum injection pressure of 1850 PSIG.

Interested parties must file objections or requests for hearing with the Oll Conservation Division, 2040 S. Pacheco, Santa Fe, NM 87504 within 15 days. #14441