

Texaco Exploration and Production Inc Permian Basin Business Unit Hobbs Operating Unit P. O. Box 3109 Midland TX 79702-3019 505 688 4100

June 18, 2001

New Mexico Oil Conservation Division 1220 S. St. Francis Santa Fe NM 87505 Attention: Mr. David R. Catanach

9 200 "FRVATION ON

RE: Request for Permission to Inject Fluid in a Reservoir Productive of Oil and Gas Texaco Exploration and Production Inc Vacuum Grayburg San Andres Unit Well Nos. 135, 235 and 249 **30-025-3556 I / 35562 / 35563** Sec. 1, T18S, R34E Lea County, New Mexico

Dear Mr. Catanach,

I am sending, attached to this letter, a C-108 application (one original and one copy) for the three subject wells. All surface owners and operators in the review area have been notified. A copy is also being sent to the District office in Hobbs.

Data for virtually all of the review area of the attached application was presented as a part of our request for Tertiary Certification of the Vacuum Grayburg-San Andres Unit. More details are presented in the attached application. The hearing for that application was held on February 8th of this year, with Mr. Mike Stogner presiding. We have not received an order on this yet but Mr. Stogner has informally indicated to us that it is forthcoming. These injection wells for which we now request authority to inject are wells that we have determined to be necessary by additional engineering and economic analyses that have been done since the hearing took place.

Thank you for your consideration. Please call me at 915-688-4577 if you have questions or concerns.

Yours truly,

Stephen Guillot Production Engineer



Steve Guillot Production Endute- : Hobbs Oliverating Louis

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Attachments Cc: Mr. Chris Williams Hobbs NMOCD

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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION COVERSHEET

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE **Application Acronyms:** [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication] [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling] [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement] [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion] [SWD-Sait Water Disposal] [IPI-injection Pressure Increase] [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response] [1] **TYPE OF APPLICATION - Check Those Which Apply for [A]** Location - Spacing Unit - Simultaneous Dedication [A] □ NSL □ NSP \Box SD Check One Only for [B] or [C] Commingling - Storage - Measurement **[B]** OLM 🗆 СТВ PLC OLS [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery \Box WFX **X** PMX \square IPI \square EOR \square PPR [2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply Working, Royalty or Overriding Royalty Interest Owners [A] [B] X Offset Operators, Leaseholders or Surface Owner [C] X Application is One Which Requires Published Legal Notice [D] Notification and/or Concurrent Approval by BLM or SLO U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office X For all of the above, Proof of Notification or Publication is Attached, and/or, [E] [F] □ Waivers are Attached

[3] INFORMATION / DATA SUBMITTED IS COMPLETE - Certification

I hereby certify that I, or personnel under my supervision, have reviewed the applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. *I understand that any omission of data (including API numbers, pool codes, etc.), pertinent information*

and any required notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

_ <u>6/11/01</u> Date J DENISE WANN Print or Type Name SENION ENGINEER Title Emise Wann

wannid@texaco.com

OIL CONSERVATION DIVISION 1220 S. ST. FRANCIS DR. SANTA FE, NEW MEXICO 87504

APPLICATION FOR AUTHORIZATION TO INJECT

I.	PURPOSE: X Secondary Recovery Pressure Maintenance Disposal Storage Application qualifies for administrative approval? X Yes No
II.	OPERATOR:Texaco Exploration and Production Inc
	ADDRESS: P.O. Box 3109, Midland TX 79702
	CONTACT PARTY: PHONE:PHONE
III.	WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.
IV.	Is this an expansion of an existing project? X Yes No If yes, give the Division order number authorizing the project: Currently under administrative review (hearing date 2/8/01)
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:
	 Proposed average and maximum daily rate and volume of fluids to be injected; 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 literature, studies, nearby wells, etc.).
*VIII	Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.
IX.	Describe the proposed stimulation program, if any.
*X.	Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).
*XI.	Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
XII.	Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.
XIII.	Applicants must complete the "Proof of Notice" section on the reverse side of this form.
XIV.	Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief. NAME:Stephen N. GuillotTITLE:Production Engineer
	SIGNATURE: Stephen N. Guillor DATE: 6-Jun-01
*	•
	If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show date & circumstances of the earlier submittal: Information presented with request for tertiary certification of the the

Vacuum-Grayburg-San Andres Unit CO2 flood, for which a hearing was held on 2/8/01

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate 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 the name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) The intended purpose of the injection well; with the exact location of single wells or the Section, Township, and Range location of multiple wells;
- (3) The formation name and depth with expected maximum injection rates and pressures; and,

(4) A notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico 87505, within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

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

NEW MEXICO OIL CONSERVATION DIVISION - Form C-108

Application for Water and CO₂ Flood Expansion

Unit Name: Vacuum Grayburg-San Andres Unit (VGSAU) Lea County, New Mexico

VGSAU Well No. 135:	Unit Ltr. G; Surface Location 2535' FNL, 1930' FEL, Section 1, Twp. 18S, Range 34E
VGSAU Well No. 235:	Unit Ltr. H; Surface Location 2610' FNL, 660' FEL, Section 1, Twp. 18S, Range 34E
VGSAU Well No. 249:	Unit Ltr. F; Surface Location 1390' FNL, 2530' FWL, Section 1, Twp. 18S, Range 34E

- III. We are requesting approvals for injection of water and CO_2 into these three wells. A typical schematic for the three wells is attached. These wells will be completed as traditional vertical injection wells. The VGSAU is unitized in the Grayburg and San Andres Formations from 4100' – 4800'. There is no active shallower production in the review area for this proposal. The Yates is the only shallow zone known to be productive of hydrocarbons and did produce in the New Mexico State "O" No. 20 to the northwest which is outside the review area. At about 6100', the Paddock and Glorieta are unitized in the Vacuum Glorieta West Unit. This is the next productive interval below the Grayburg-San Andres.
- V. Two maps are attached: a large scale county map showing lease owners for a 2-mile radius around the proposed wells, with the ¹/₂ mile radii around each well shown as the shaded area, and a map showing the 1/2 mile radii for each well in this submittal superimposed on a map showing the review area for our C-108 application for the CO2 Tertiary Certification hearing which occurred on February 8, 2001.
- VI. A list of all wells in the review area is provided herein. This list includes current status, location data, API numbers and spud dates. Nearly the entire review area was covered by the C-108 application for the Vacuum Grayburg-San Andres Unit CO₂ Injection Project mentioned in part "V" above. Almost all wellbore data pertinent to this application was included in that previous submittal. The attached map shows that the review area for this proposal includes only three wells that were not in the review area of the prior application. Schematics for these three wells (Central Vacuum Unit Well Nos. 111 and 207 and Warn State A/C-2 Well No. 6) are attached. Subsequent to the prior application, VGSAU Well No. 49 has been plugged and abandoned and New Mexico State "L" Well No. 18 was recompleted to the Wolfcamp formation. Schematics are also included for these two wells.
- VII. This data has been submitted under the aforementioned C-108 for the VGSAU CO2 Tertiary certification. For the subject well, we will request approval to increase surface water injection pressures to as high as 1500 psi, and CO₂ surface injection pressure to as high as 1850 PSI (as requested in the February 8 hearing), following step-rate testing. Initially these pressures will be limited to 820 PSI for water and 1170 PSI for CO₂. At the higher pressures it is anticipated that injection rates could be as high as 2000 barrels of water per day or 5 million cubic feet of CO₂ per day. Average rates are anticipated to be half these maximums. The injection system is closed.
- VIII. This data has been previously submitted under aforementioned C-108 for the VGSAU CO2 Tertiary certification.
- IX. The three wells will have 5-1/2" casing run to the well's total depth of 4800'. Each will be stimulated with approximately 18,000 gallons of 20% hydrochloric acid pumped at a rate of 5-8 barrels per minute.
- X. This data has been previously submitted under aforementioned C-108 for the VGSAU CO2 Tertiary certification.
- XI. This data has been previously submitted under aforementioned C-108 for the VGSAU CO2 Tertiary certification.
- XII. We have extensively examined the geology in this area and have reinjected produced water in this area in many wells. We have no reason to believe that this project will jeopardize groundwater quality.

LIST OF ATTACHMENTS

- 1. Forms C-101 (Permit to Drill) and C-102 (Well Location and Acreage Dedication Plat) for Vacuum Grayburg-San Andres Unit (VGSAU) Well Nos. 135, 235, and 249.
- 2. Typical Wellbore Schematic for proposed wells.
- 3. Large-scale county map showing 2-mile (light blue) and ½-mile (dark blue) circles around the proposed well.
- 4. A lease map showing the ¹/₂-mile radius around the bottomhole locations of the horizontal laterals.
- 5. List of all wellbores that penetrate the proposed injection zone in the area of review.
- 6. Five wellbore schematics as explained in section "VI" of the C-108 application.
- 7. Proof of Notice Summary Section.

District 1
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. 1st Street, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

Oil Conservation Divsiion

2040 South Pacheco

Submit to appropriate District Office State Lease - 6 Copies Fee Lease - 5 Copies

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DISTRICT III 1000 Rio Braz

a Rd., Aztec, NM 87410 DISTRICT IV P. O. Box 2088, Santa Fe, NM 87504-2088

OIL CONSERVATION DIVISION

PO Box 2088 Santa Fe, NM 87504-2088

Form C-102 Revised February 10, 1994 Instructions on back

Submit to Appropriate District Office

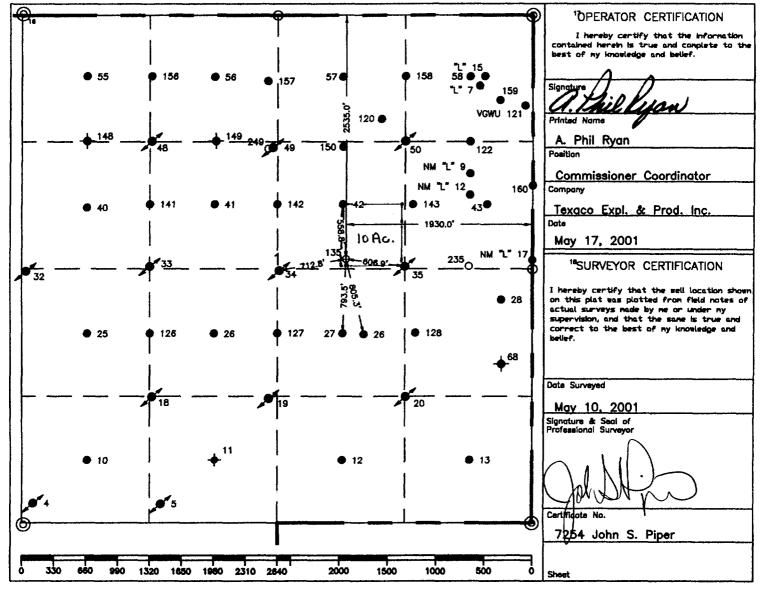
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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1.	Pl Number		1	² Pool Code	T	····	³ Pool Nar	ne	
					Vac	uum Grayburg S	San Andres		
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION.



🔾 = Staked Location • = Producing Well 💉 = Injection Well 🛷 = Water Supply Well 🔶 = Plugged & Abandon Well (O) = Found Section Corner, 2 or 3" Iron Pipe & GLO B.C. \bigcirc = Found /4 Section Corner, 1" Iron Pipe & GLO B.C.

	ADDITIONAL INFORMAT	TION ON THE LOCATION	
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East	1983	0.99979145	Buckeye.cr5
Drawing File		Field Book	
VGSAU135.dwg		Lea County 20, Pg. 4	19

District.1 1625 N. French Dr., Hobbs, NM 88240 District.11 811 S. 1st Street, Artesia, NM 88210 District.111 1000 Rio Brazos Rd., Aztec, NM 87410 District.1V 2040 South Pacheco, Santa Fe, NM 87505

Oil Conservation Divsiion 2040 South Pacheco Santa Fe, NM 87505 Submit to appropriate District Office State Lease - 6 Copies Fee Lease - 5 Copies

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

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DISTRICT 1 P. O. Box 1980, Hobbs, NM 88240 DISTRICT II P. O. Drawer DD, Artesia, NM 88210 DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT N P. O. Box 2088, Santa Fe, NM 87504-2088

State of New Mexico Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

PO Box 2088 Santa Fe, NM 87504-2088 Form C-102 Form C-102 Revised February 10, 1994 Instructions on back

Submit to Appropriate District Office

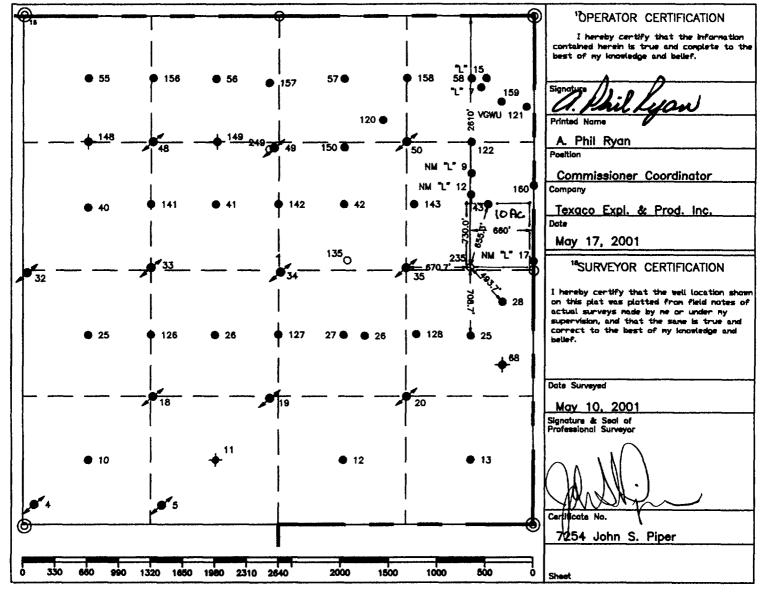
State Lease-4 copies Foe Lease-3 copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 AF	Number			² Pool Code		³ Pool Name							
					Vac	uum Grayburg S	San Andres						
Property Cod	e				5Property N	lame			Well Number				
	Vacuum Grayburg San Andres Unit												
OGRID No.		Operator Name											
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edicated Acres 10	1	nt or Infill	'Consolid	ation Code	¹⁵ Order No.								

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION.



○ = Staked Location • = Producing Well ≠ = Injection Well ↔ = Water Supply Well + = Plugged & Abandon Well ○ = Found Section Corner, 2 or 3" Iron Pipe & GLO B.C. ○ = Found /4 Section Corner, 1" Iron Pipe & GLO B.C.

	ADDITIONAL INFORMAT	TION ON THE LOCATION	
State Plane Coor	dinates		
Northing 647430.1	9 (1927=647365.20)	Easting 795151.83 (192	7=753972.77)
Latitud a 32°46	'37.548' (1927=32°46'37.102")	Longitude 103*30'27.06	1" (1927=103°30'25.274")
Zone	North American Datum	Combined Grid Factor	Coordinate File
East	1983	0.99979145	Buckeye.cr5
Drawing File		Field Book	
VGSAU235.dwg]	Lea County 20, Pg. 5	50

District I 1625 N. French Di	r., Hobbs, NM	1 88240		Energy,	State of New Mexico nergy, Minerals & Natural Resources					Re	Form C-101 vised March 17, 1999
District II 811 S. 1st Street, A District III 1000 Rio Brazos I District IV 2040 South Pache	Rd., Aztec, NI	M 87410		0	il Conserva 2040 Sou Santa Fe,	th Pao	checo	on	S	Sta	riate District Office ite Lease - 6 Copies ee Lease - 5 Copies
2040 South Pache	co, Santa Fe,	NM 87505			Santa I C,	1 1 1 1	0,505			AME	ENDED REPORT
APPLIC	CATION	FOR P	ERMIT I	O DRI	LL, RE-E	NTEI	R, DE	EPEN,	PLUGBAC	K, OR ADI) A ZONE
			erator Name an	d Address						² OGRID Numbe 022351	er 👘
Texaco Expl											
500 N. Lora	ine Midi	and, Tex	las 79702		5 Property	Name			30-025		<u>3</u> II No.
	24			VACUUM	RAYBURG SP		RES UN	IT			249
				,	⁷ Surface	Locati	ion	· · · · · · · · · · · · · · · · · · ·	<u> </u>		
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from	the '	North/So	outh Line	Feet from the	East/West line	County
F	1	18-S	34-E		1390			RTH	2530 '	WEST	LEA
		8	Proposed	Bottom I	Hole Locati	ion If	Differ	ent Fron	n Surface		
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from	the	North/S	outh Line	Feet from the	East/West line	County
	_L	⁹ Proposed	Pool 1	1		<u>+</u>			¹⁰ Proposed P	uol 2	L
	VACUUM	GRABURG	SAN ANDRE	s							
					······································		<u>-</u>				
11 Work T			12 Well Type C					¹⁴ Lea	ase Type Code	1	Level Elevation
lo Mu	N		0 17 Proposed De	ath	nation		19	S Contractor		3991 ' pud Date	
	NO	_	4800'	Jui		NDRES	:		Contractor		/10/01
			21	Propose	d Casing ar	nd Cer	nent P	rogram			·
Hole S	ize	Cas	ing Size	1	weight/foot		letting De		Sacks of Ceme	nt E	stimated TOC
12 1/	/4"	8	5/8"		1	1550	,	600		IRCULATE	
7 7/1	8"	1	1/2"	1	<u>24# 1550'</u> 15.5# 4800'		, , , , , ,	1000		IRCULATE	
					<u></u>	1			<u></u>		
						1.					
		<u> </u>	<u> </u>	[7					
²² Describe the t						<u> </u>		L		<u>_</u>	
Describe the blow						.r., give	e ine data	i on the pre	sent productive zo	ne and proposed	new productive zone.
CEMENTING I	-	ni program,	u any. Use add	ittonai snee	is if necessary.						j
SURFACE CAS	SING: 400					.3.5 P	PG, 1.	74 CF/S	, 9.11 GW/S)	. F/B 200 SA	ACKS CLASS
C w/28 CaCl	L2 (14.8	PPG, 1.3	4 CF/S, 6.	31 GW/S)	•						
									(12.4 PPG,		
GW/S). F/B	200 sack	s 50/50 :	Poz Class	H w/2% (æl, 5% Sal	.t, 1/	4# FC	(14.2 P	PG, 1.35 CF/	s, 6.30 GW/S	5).
						•					
²³ I hereby certif			ven above is t	rue and con	plete to the		•	OIL CO	ONSERVAT	ION DIVISI	ON
best of my know	ledge and be	hef.	• 1				oved by:			MICHNAL SIC	INEC BY
Signature:	Phu	<u> </u>	an		. <u></u>					- CATY Y	<u>18,457</u>
Printed name: A	. Phil Ry	an	·			Title:		MAY a		FIELD R	₩
Title: Co	annission	Coordin	ator			Appro	val Date		<u>4 2007</u> E	xpiration Date:	
Date:			Phone:		•	Condi	tions of <i>l</i>	Approval:			
5,	/21/01		(91	5) 688-4	606	Attacl	ied]			Amproval
								Perm	it Expires 1 ate Unless	Year From Drilling Un	derway

Juless Drunna

DISTRICT 1 P. O. Box 1980, Hobbs, NM 68240 DISTRICT II P. O. Drawer DD, Arteeld, NM 88210

Г

DISTRICT III 1000 Rio Braz a Rd., Aztec, NM 87410 DISTRICT N P. O. Box 2088, Santa Fe, NM 87504-2088

OIL CONSERVATION DIVISION

PO Box 2088 Santa Fe, NM 87504—2088

Form C-102 Revised February 10, 1994 Instructions on back

Submit to Appropriate District Office

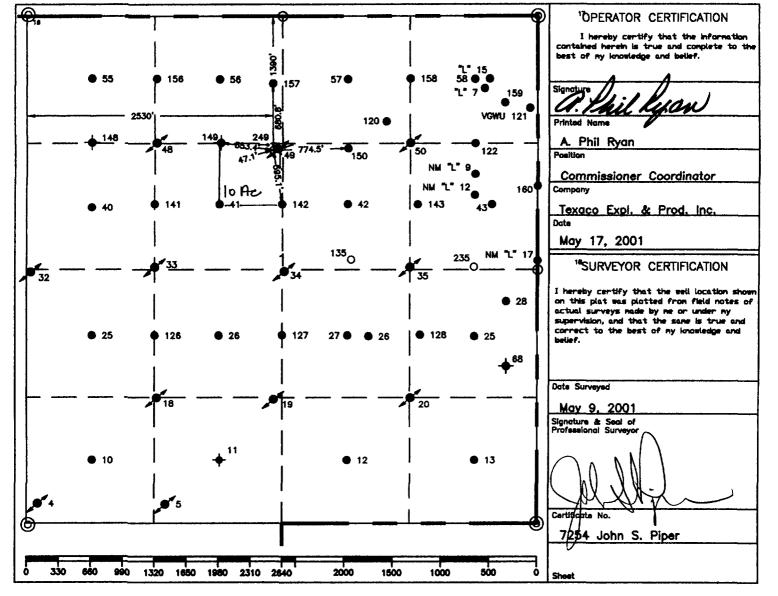
State Lease-4 copies Fee Lease-3 copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1/	Pl Number			² Pool Code			³ Pool Nar	ne			
					Vac	uum Grayburg S	San Andres				
Property Co	de				Sproperty N	lame	<u> </u>		Well Number		
				249							
OGRID No.				Elevation							
		TEXACO EXPLORATION & PRODUCTION, INC.									
					¹⁰ Surface L	ocation					
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County		
F	1	18S	34-E		1390'	North	2530'	West	Lea		
			¹¹ Bo	ottom Ho	e Location If	Different From	Surface				
JL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	⁷ County		
Dedicated Acres	13 Jol	nt or Infili	¹ Consolid	ation Code	¹⁵ Order No.	j			<u>.</u>		
10											

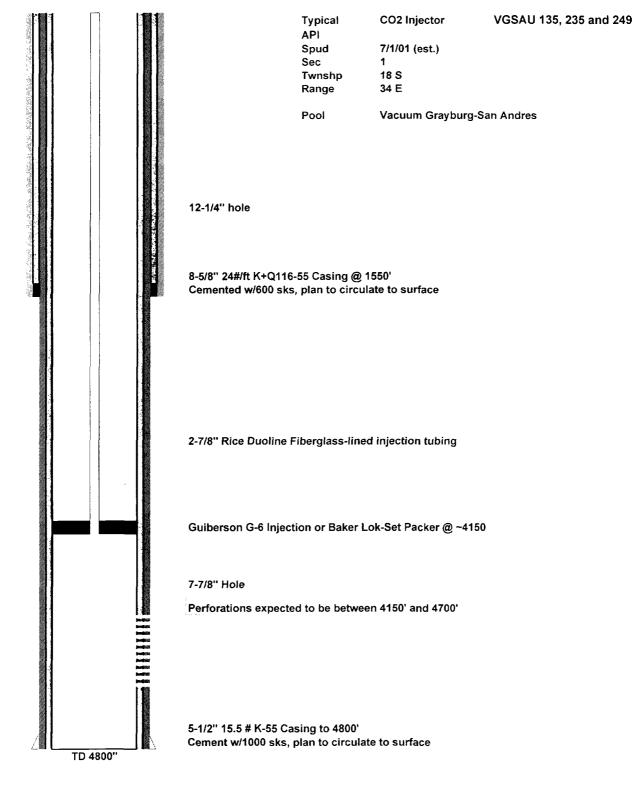
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION.



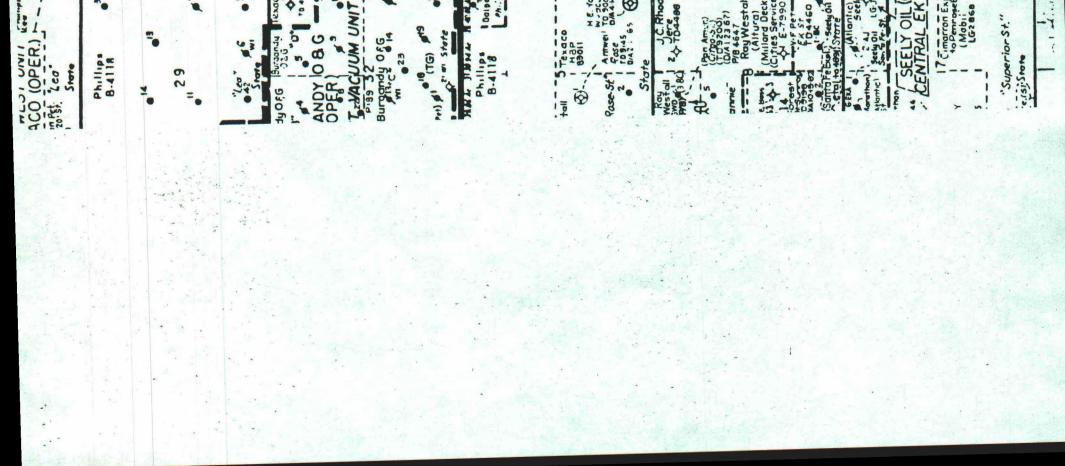
O = Staked Location • = Producing Well 💉 = Injection Well 🛷 = Water Supply Well 🔶 = Plugged & Abandon Well \bigcirc = Found /4 Section Corner, 1" Iron Pipe & GLO B.C. \bigcirc = Found Section Corner, 2 or 3" Iron Pipe & GLO B.C.

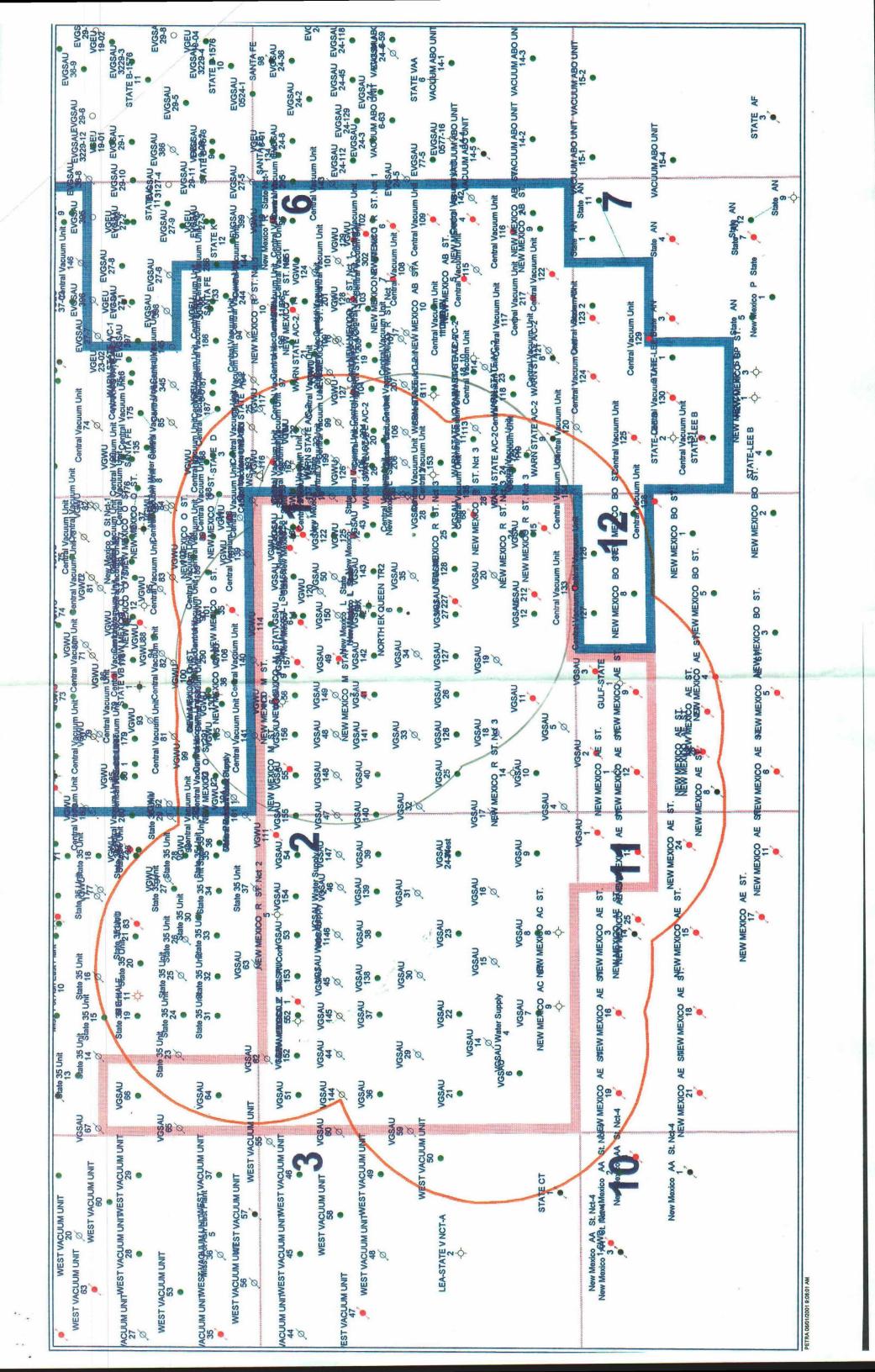
	ADDITIONAL INFORMAT	TION ON THE LOCATION	
State Plane Coord	linates	<u> </u>	hala <u>ha</u> n mana ang ang ang ang ang ang ang ang ang
Northing 648622.84	(1927=648557.86)	Easting 793050.05 (192	?=751871.04)
Latitude 32°46'	49.510' (1927=32°46'49.064")	Longitude 103*30'51.56	9" (1927=103°30'49.781")
Zone	North American Datum	Combined Grid Factor	Coordinate File
East	1983	0.99979145	Buckeye.cr5
Drawing File		Field Book	
VGSAU249.dwg		Lea County 20, Pg. 5	51

Vacuum Grayburg San Andres Unit Nos. 135, 235 and 249 Typical Schematic



	Phillips B6	Artec	A HEAR PARTY AND A HEAR	1200 100 1000 1				Prist State	and the second s		1000 000 000 000 000 000 000 000 000 00	Sector Ferrar	
×	13 - 1030 B-8091	Magnetic States and St	240 - 241 - 242 -		2012 10 10 10 10 10 10 10 10 10 10 10 10 10				Recent and the state of the sta		Port Contraction	Tr. 44	1 and
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•••			ARCO	Tra Phillips	2 70 2010 J		TILLER TA CODE	2.4 (00) 1,2	Pat N and N	CINE AND	TRAC	UUM UNIT	552
UNIT UNIT	11 13 140 140 140 140 140 140 140 140 140 140		Tes Tes	0 11 12 12 12 12 12 12 12 12 12 12 12 12				Stand Congress					× -81
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	Race Dolport h.Santa Fe Ener. H.B.P. Traasol 1 H.B.P. B.JJ11 Amoco 1 8-10695	Amoco I Ex B 10784, Da'pcri Amoco Maringe	8.1446 49 46 (00)	36 NCT-1 31	Гехасо 75X • 39 • 39 - 8 - 14461 5 - 867 - 8 - 14461 5 - 867		EPAX BA				11-24 17-24	S Chevron	inin
H E. Yares	H.B.P. VACUMUNIT	Vates Per etgi 8 199 9 4419 8 148. P.	(Gult') Sameres	(Nippon is all states	VACOUNT EXACO	CORBE 5 ATA UNT 21 10 11 21 10 11 12 1 10 11 12 1 10 11 12 11 10 11 12 11 10 11 12 11 10 10	Andra and and and and and and and and and an		CENCCO IN TENCO			S-1834 E-31	S = 9 %
	(OPER.)	Purcest. Call (S. Ducestal (S. Ducester)	Enerry Briores	9 00 9	1189 WI 17 MI	+ 10302 11	00 27 R 14	Warn-	St. (1) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	Transferred	00'AA	Vac-Edge	u
J.C.Rhoder Jere T04488	Altura H.B.P. B.10784	Техе В.1189 Н.В.	Pris 3 4 4 1 2 44	It all and a le	Muple		we'Sohig etgl	Judi Pizz	Construction of the second	Tanager Steel	Consc. E-670	17	
Am.r.) 86-5.) 9200) 12367) 647	1 Collins 5 1 Collins 5 00175 00175 0012 1 83 01012 1 83		AT DE DE T	8125 B	Source 24 Storte 24 CUM4-10-52	B 1258. AE.	Exxdn W	Forest 3 that the straight for	The second two wo	N I I I I I I I I I I I I I I I I I I I	Hobbs	1 THERE	5. B
Altura) lard Deck) es Service) E-7990	M Drik atal/	B. 3936	.P. B-3011	/	= •			1, 48, 1, 89, 9 4, 8, 5, 6, 9, 9, 9, 9, 9, 9, 9, 9, 9, 9, 9, 9, 9,			Sare Presson and South Total	115. TU 9156	33
TDA 60 TDA 60 TDA 60 TIM STOTE	Cecil Rhades 1, 1, 1, 10000 1, 10000 Cecil Rhades 1, 1, 100000 1, 10000 10, 10, 5, 2, 10, 10, 10, 10, 10, 10, 10, 10, 10, 10	- Stor		5		And 20	P (Humble)	TAB TAB	× -2		Stand Start	Perch To Str	
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AL EK ON	UT 10453073 0/4 6 27 61	SI- 112	Morexco	P 310 WO	N.M.S. MCTS	1919	106 25 2 301	230t	181	PAGE	Bruton 12 Lea	-State (845)	1 ft
Mobili Mobili LG2 868	(Riederd Sson Dil etal' H & P E · 1519	Marexco	P20+	F689 Sinclair 63: 70 520C	8-3011	Echo Prod 3 - 1 - 2005 V 5895 128 29 Micharzanobil	Pool Dr19- Rich-		(00) (01) (01) (01) (01) (01) (01) (01)	999 999 902 902 905 905 905 900 800 800 800 800 800 800 800 800 800	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	(Texoco) (1565 (
rst.	State	Airstrp-St." Star	Tonto-St."	"Tornto-St." Si	2	OIA11296 Stat		*	Srate (100	(to an base) Trospos		10 4700 DIA 9-25 97	m





VGSAU CO2 Injection Area of Review

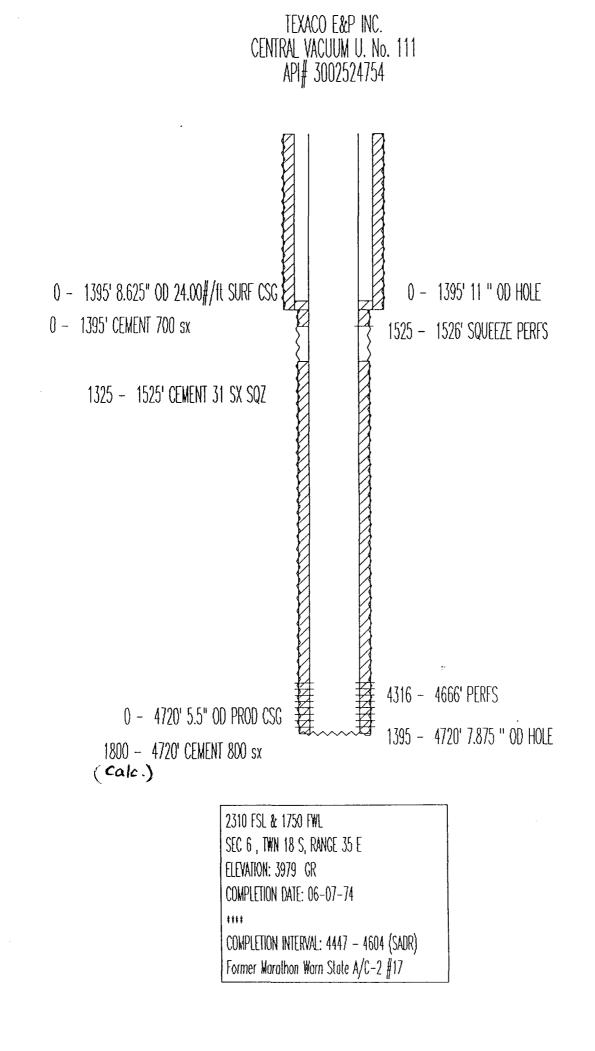
Spud Date Footage	9/6/39 660 FSL 1980 FEL				Ű	8/21/38 660 FNL 484 FWL	11/29/77 1408 FNL 1211 FWL	8/28/80 1980 FNL 1728 FWL	6/30/81 1980 FNL 484 FWL					•		~		~	~		~		~				•				2/10/30 1301 FINE 10/3 FVVL			-			5/12/81 760 FNL 560 FEL	4/18/64 1980 FNL 1865 FEL	4/21/99 1880 FNL 660 FEL	9/16/93 1780 FNL 1980 FEL	10/4/93 810 FNL 1980 FEL	3/31/95 1310 FNL 10 FEL			3/16/64 460 FNL 1880 FWL
Location	36 17S 34E	36 17S 34E	36 17S 34E	31 17S 35E	6 18S 35E	6 18S 35E	6 18S 35E	6 18S 35E	6 18S 35E	6 18S 35E	6 18S 35E	6 18S 35E	6 18S 35E	6 18S 35E	6 18S 35E	6 18S 35E	6 18S 35E	36 17S 34E	36 17S 34E	36 17S 34E	36 17S 34E	6 18S 35E	6 18S 35E	6 18S 35E	36 17S 34E SE SW	36 17S 34E	36 17S 34E	6 18S 35E	6 18S 35E	6 18S 35E			6 18S 35F	36 17S 34E SE SW	36 17S 34E SE SW	1 18S 34E NW NE	1 18S 34E	1 18S 34E	1 18S 34E SE NE	1 18S 34E SW NE	1 18S 34E NW NE	1 18S 34E	1 18S 34E	1 18S 34E SE NE NE	1 18S 34E
Total Depth	4710	4710	4710	4800	4725	4675	4800	4726	4705	4800	4720	4694	4800	4683	4800	4800	4800	4800	4844	4800	4800	4750	4770	4800	4710	4850	4850	4850	4850	4850	1000		4850	4850	4850	12255	6750	6800	9273	7990	7950	8000	8100	11500	6800
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Formation At TD	Gravburg-San Andres	Gravhiira-San Andras	Grayburg-San Andres	Grayburg-San Andres	Grayburg-San Andres	Grayburg-San Andres	Grayburg-San Andres	Grayburg-San Andres	Grayburg-San Andres	Grayburg-San Andres	Grayburg-San Andres	Grayburg-San Andres	Grayburg-San Andres	Grayburg-San Andres	Grayburg-San Andres	Grayburg-San Andres	Grayburg-San Andres	Grayburg-San Andres	Grayburg-San Andres	Grayburg-San Andres	Grayburg-San Andres	Grayburg-San Andres	Grayburg-San Andres	Grayburg-San Andres	Grayburg-San Andres	Grayburg-San Andres	Grayburg-San Andres	Grayburg-San Andres	Grayburg-San Andres	Grayburg-San Andres		Grautura San Andres	Gravburg-San Andres	Grayburg-San Andres	Grayburg-San Andres	•			Drinkard	Drinkard	Drinkard	Drinkard	Drinkard	Wolfcamp	
Operator	Texaco E & P Inc.	Tevero E & D Inc	Texaco E & P Inc.	Texaco E & P Inc.	Texaco E & P Inc.	Texaco E & P Inc.	Texaco E & P Inc.	Texaco E & P Inc.	Texaco E & P Inc.	Texaco E & P Inc.	Texaco E & P Inc.	lexaco E & P Inc.	Texaco E & P Inc.	iexaco E & P Inc.	Texaco E & P Inc. Texaco E & D Inc.	Towaco E & D Inc.	Tevaco E & D Inc.	Texaco E & P Inc.	Texaco E & P Inc.	Texaco E & P Inc.	Texaco E & P Inc.	Texaco E & P Inc.	Texaco E & P Inc.	Texaco E & P Inc.	Texaco E & P Inc.	Texaco E & P Inc.	Texaco E & P Inc.																		
Well #	06	5	92	93	97	98	66	104	105	106	111	112	113	119	135	136	13/	138	139	140	141	152	153	162	169	188	189	193	761	199 200	002	206	207	290	291	9	7	80	12	13	14	16	17	18	9
Lease Name	Central Vacuum Unit	Central Vacuum Unit	Central Vacuum Unit	Central Vacuum Unit	Central Vacuum Unit	Central Vacuum Unit	Central Vacuum Unit	Central Vacuum Unit	Central Vacuum Unit	Central Vacuum Unit	Central Vacuum Unit	Central Vacuum Unit	Central Vacuum Unit	Central Vacuum Unit		Central Vacuum Unit		Central Vacuum Unit		Control Vacuum Unit	Central Vacuum Unit	Central Vacuum Unit	Central Vacuum Unit	Central Vacuum Unit	Central Vacuum Unit	New Mexico L State	New Mexico L State	New Mexico L State	New Mexico L State	New Mexico L State	New Mexico L State	New Mexico L State	New Mexico L State	New Mexico L State	New Mexico M State										
API/IC	3002502244	3002502242	3002502243	3002525733	3002503076	3002503075	3002525710	3002503078	3002503077	3002525796	3002524754	3002503079	3002525798	3002503081	3002525996	3002525997	3002225998	3002525999	3002526078	3002526000	3002526001	3002526820	3002527194	3002528182	3002529765	3002533330	3002533334	3002532800	3002532791	3002532804 3003532806	3002555555	3002532808	3002532809	3002531197	3002531195	3002520514	3002520937	3002520938	3002531992	3002532007	3002532008	3002532871	3002532872	3002533301	3002520940
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VGSAU CO2 Injection Area of Review

1 1	New Neccon Mistan 7 Teacor E & Pinc Drinkard 01 1220 000552015 New Neccon Mistan 7 Teacor E & Pinc Drinkard 01 1200 000552015 New Neccon Mistan 7 Teacor E & Pinc Drinkard 01 1200 000552015 New Neccon Mistan 7 Teacor E & Pinc Drinkard 01 1200 000552016 New Neccon Mistan 7 Teacor E & Pinc Drinkard 01 1200 000552016 New Neccon Mistan 7 Teacor E & Pinc Drinkard 01 1200 000552016 New Neccon Mistan 101 Teacor E & Pinc Drinkard 01 1200 000552016 New Neccon Mistan 101 Teacor E & Pinc Drinkard 01 1200 000552017 Youun Ginesa Wet Unit 101 Teacor E & Pinc Drinkard 01 1200 000552018 Youun Ginesa Wet Unit 101 Teacor E & Pinc Drinkard 01 1200 0000552018	#	API/IC	Lease Name	Well #	Operator	Formation At TD	Status	Total Depth	Location	Spud Date	Spud Date Footage
000550101 Number of State NUL- 0.1 0.001 0.10	Constraint New Meanson State 1 Trandom E # Print Unitation	ŗ			1			č	00007			
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200223291 New Manco C Shan KCT-1 24 Trades IE P Inc Binety-Drink pool 91 9100 9173 SHE SKE 91/95 2002239290 New Manco C Shan KCT-3 35 Trades IE P Inc Binety-Drink pool 01 9003 9173 SHE SKE 20045 2002239305 New Manco C Shan KCT-3 35 Trades IE P Inc Binety-Drink pool 01 9003 1183 SHE SKE 20045 2002239305 New Manco R Shan KCT-3 25 Trades IE P Inc Drinkard 01 9003 1183 SHE SKE 20047 2002230357 Neuruin Green wet Unit 101 Trades IE P Inc Drinkard 01 9003 1183 SHE SK 7173 2002230345 Veuruin Green wet Unit 101 Trades IE P Inc Drinkard 01 9003 9173 SHE SK 7173 200223145 Veuruin Green wet Unit 111 Trades IE P Inc Drinkard 01 2003 9173 SHE SK 71440 200223145 Veuruin Green wet Unit 111 Trades IE P Inc Drinkard Drinkard	3002230291 New Mecio O State NCT:1 24 Teason E P Inc. Binb-y-Drind pod. (3) Dial 3002230293 New Mecio O State NCT:1 34 Teason E P Inc. Binb-y-Drind pod. (3) Di 3002 3002230293 New Mecio O State NCT:1 35 Teason E P Inc. Dinhard Di 3002 3002230293 New Mecio R State NCT:3 23 Teason E P Inc. Dinhard Di 3002 3002230291 New Mecio R State NCT:3 23 Teason E P Inc. Dinhard Di 3002 3002230291 New Mecio R State NCT:3 23 Teason E P Inc. Dinhard Din 3002 3002230291 Vacum Glories West Unit 101 Teason E P Inc. Glories/Paddock M-init 650 3002 3002230191 Vacum Glories West Unit 113 Teason E P Inc. Glories/Paddock M-init 650 3002 3002230191 Vacum Glories West Unit 113 Teason E P Inc. Glories/Paddock M-init 650 3002 3002230191 Vacum Glories West Unit 113 T	49	3002520125	New Mexico O State NCT-1	17	Texaco E & P Inc.	WC prod. (SI)	TAW	12082	36 17S 34E	11/1/94	760 FSL 2080 FWL
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00023189 Vacum Gloriea West Unit 105 Texado E & Pinc. GloriealPaddock Winj E211 Str 5 at E E Si W 42493 000251187 Vacum Gloriea West Unit 105 Texado E & Pinc. GloriealPaddock Winj 573 at E Si W 133	300253189 Vacum Glones West Unit 105 Teasoc E & Pinc. Glones/Paddock Whi 523 300253189 Vacum Glones West Unit 107 Teasoc E & Pinc. Glones/Paddock Whi 539 300253189 Vacum Glones West Unit 112 Teasoc E & Pinc. Glones/Paddock Whi 539 300253113 Vacum Glones West Unit 113 Teasoc E & Pinc. Glones/Paddock Whi 539 300253113 Vacum Glones West Unit 114 Teasoc E & Pinc. Glones/Paddock Whi 539 300253185 Vacum Glones West Unit 121 Teasoc E & Pinc. Glones/Paddock Whi 531 300253185 Vacum Glones West Unit 122 Teasoc E & Pinc. Glones/Paddock Whi 537 300253185 Vacum Glones West Unit 122 Teasoc E & Pinc. Glones/Paddock Whi 537 300253187 Vacum Glones West Unit 122 Teasoc E & Pinc. Glones/Paddock Whi 537 300253187 Vacum Glones West Unit 123	59	3002531858	Vacuum Glorieta West Unit	104	Texaco E & P Inc.	Glorieta/Paddock	W-Ini	6245	36 17S 34E SW SW	3/22/93	361 FSL 300 FWL
3002531814 Vacum Glorela Wel Unit 105 Teaact E & Pinc. Glorela/Paddock W-Ini 530 5173 4E SUSE 5/53 300253181 Vacum Glorela West Unit 117 Teaact E & Pinc. Glorela/Paddock Pin 731 1183 34E 741 300252051 Vacum Glorela West Unit 113 Teaact E & Pinc. Glorela/Paddock Pin 7471 1183 34E 74111 7411 <td>3002511874 Vacum Glories West Unit 105 Texaco E & Pinc. Glories/Paddock WHI 230 300252015 Vacum Glories West Unit 113 Texaco E & Pinc. Glories/Paddock WHI 231 300252015 Vacum Glories West Unit 113 Texaco E & Pinc. Glories/Paddock WHI 231 300253015 Vacum Glories West Unit 113 Texaco E & Pinc. Glories/Paddock WHI 231 300253015 Vacum Glories West Unit 113 Texaco E & Pinc. Glories/Paddock WHI 231 3002530185 Vacum Glories West Unit 121 Texaco E & Pinc. Glories/Paddock WHI 231 3002530186 Vacum Glories West Unit 121 Texaco E & Pinc. Glories/Paddock WHI 231 3002530187 Vacum Glories West Unit 121 Texaco E & Pinc. Glories/Paddock WHI 231 3002530186 Vacum Glories West Unit 121 Texaco E & Pinc. Glories/Paddock WHI 231 3002530187 Vacum Glories West Unit</td> <td>60</td> <td>3002531880</td> <td>Vacuum Glorieta West Unit</td> <td>105</td> <td>Texaco E & P Inc.</td> <td>Glorieta/Paddock</td> <td>W-Inj</td> <td>6231</td> <td>36 17S 34E SE SW</td> <td>4/24/93</td> <td>453 FSL 1340 FWL</td>	3002511874 Vacum Glories West Unit 105 Texaco E & Pinc. Glories/Paddock WHI 230 300252015 Vacum Glories West Unit 113 Texaco E & Pinc. Glories/Paddock WHI 231 300252015 Vacum Glories West Unit 113 Texaco E & Pinc. Glories/Paddock WHI 231 300253015 Vacum Glories West Unit 113 Texaco E & Pinc. Glories/Paddock WHI 231 300253015 Vacum Glories West Unit 113 Texaco E & Pinc. Glories/Paddock WHI 231 3002530185 Vacum Glories West Unit 121 Texaco E & Pinc. Glories/Paddock WHI 231 3002530186 Vacum Glories West Unit 121 Texaco E & Pinc. Glories/Paddock WHI 231 3002530187 Vacum Glories West Unit 121 Texaco E & Pinc. Glories/Paddock WHI 231 3002530186 Vacum Glories West Unit 121 Texaco E & Pinc. Glories/Paddock WHI 231 3002530187 Vacum Glories West Unit	60	3002531880	Vacuum Glorieta West Unit	105	Texaco E & P Inc.	Glorieta/Paddock	W-Inj	6231	36 17S 34E SE SW	4/24/93	453 FSL 1340 FWL
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3002250151 Vacum Glorea West Unit 112 Teason E & Pinc ColonealPaddock PA 6229 1185 34E 1118 34E 300253112 Vacum Glorea West Unit 115 Teason E & Pinc GlorealPaddock PA 6239 1185 34E 1185 34E 1135 300253112 Vacum Glorea West Unit 115 Teason E & Pinc GlorealPaddock OI 7471 1185 34E 1135 1185 34E 1135 1185 34E 113 1185 34E 111759 111759 1185 34E 111759 1185 34E 111759 1185 34E 111759 335E 111759 34E<	3005520515 Yacuum Glorieal West Unit 112 Teaaco E & Pinc. Glorieal/Padlock PA 12:15 300255117 Vacuum Glorieal West Unit 114 Teaaco E & Pinc. Glorieal/Padlock PA 12:15 300255117 Vacuum Glorieal West Unit 115 Teaaco E & Pinc. Glorieal/Padlock OI 17/1 3002551187 Vacuum Glorieal West Unit 120 Teaaco E & Pinc. Glorieal/Padlock OI 17/1 300255187 Vacuum Glorieal West Unit 120 Teaaco E & Pinc. Glorieal/Padlock OI 17/1 300255187 Vacuum Glorieal West Unit 121 Teaaco E & Pinc. Glorieal/Padlock VI-Ij 537 300255187 Vacuum Glorieal West Unit 127 Teaaco E & Pinc. Glorieal/Padlock OI 17/1 3002551038 Vacuum Glorieal West Unit 127 Teaaco E & Pinc. Glorieal/Padlock OI 450 3002550203 Vacuum Glorieal West Unit 133 Teaaco E & Pinc. Glorieal/Padlock OI 4710 3002550232 Vacuum G	62	3002531884	Vacuum Glorieta West Unit	107	Texaco E & P Inc.	Glorieta/Paddock	W-Inj	6390	36 17S 34E SE SE	5/14/93	183 FSL 931 FEL
3002351107 Vacum Gleries West Unit 113 Teacone & P Inc. ColonesiaPaddock P A 250 1185 34E 7135 34E 7136 34E 7135 34E 7136 34E 7136 34E 7135 34E 7136 34E 7135 34E 7134 34E 3002521203 Vacum Glories West Unit 727 Teacone & P Inc. Glories/Paddock VH 713 713 34E 7134 34E	3002557107 Vacum Gloriea West Unit 113 Texaoo E & Finc. Gloriea Pradock PA 5250 3002551137 Vacum Gloriea West Unit 114 Texaoo E & Finc. Gloriea Pradock Oi 7471 3002551137 Vacum Gloriea West Unit 115 Texaoo E & Finc. Gloriea Pradock Oi 7471 3002551875 Vacum Gloriea West Unit 120 Texaoo E & Finc. Gloriea Pradock Oi 7471 3002551875 Vacum Gloriea West Unit 122 Texaoo E & Finc. Gloriea Pradock Oi 7471 300255083 Vacum Gloriea West Unit 122 Texaoo E & Finc. Gloriea Pradock Oi 7471 300255046 Vacum Gloriea West Unit 123 Texaoo E & Finc. Gloriea Pradock Oi 6657 300255046 Vacum Gloriea West Unit 123 Texaoo E & Finc. Gloriea Pradock Oi 6653 300255046 Vacum Gloriea West Unit 123 Texaoo E & Finc. Gloriea Pradock Oi 6693 3002550250 Vacum Gloriea West Unit 123 Texaoo E & Finc. Gloriea Pradock Oi 6793 <td>63</td> <td>3002520515</td> <td>Vacuum Glorieta West Unit</td> <td>112</td> <td>Texaco E & P Inc.</td> <td>Glorieta/Paddock</td> <td>ΡA</td> <td>12215</td> <td>1 18S 34E</td> <td>1/1/68</td> <td>560 FNL 760 FWL</td>	63	3002520515	Vacuum Glorieta West Unit	112	Texaco E & P Inc.	Glorieta/Paddock	ΡA	12215	1 18S 34E	1/1/68	560 FNL 760 FWL
3002531131 Vacum Glorieat Wei, Unit 114 Texaoo E & Pinc Glorieat Paddock OI 747 1183 34E NW 116/697 3002531131 Vacum Glorieat Weit Unit 115 Texaoo E & Pinc Glorieat Paddock OI 747 1183 34E NW 116/697 300253187 Vacum Glorieat Weit Unit 120 Texaoo E & Pinc Glorieat Paddock VH 327 1183 34E NW 1193 300253187 Vacum Glorieat Weit Unit 122 Texaoo E & Pinc Glorieat Paddock VH 373 6183 34E 1115 300253187 Vacum Glorieat Weit Unit 122 Texaoo E & Pinc Glorieat Paddock VH 373 6183 34E 1115 300253187 Vacum Glorieat Weit Unit 122 Texaoo E & Pinc Glorieat Paddock VH 6607 6183 34E 111599 300253187 Vacum Glorieat Weit Unit 127 Texaoo E & Pinc Glorieat Paddock VH 6183 34E 11151 3002532030 Vacum Glorieat Weit Unit 127 Texaoo E & Pinc Glorieat Paddock VH	300253112Vacum Gloriea West Unit114Texaco E & PincGloriear/PaddockOil7473002531817Vacum Gloriea West Unit115Texaco E & PincGloriear/PaddockOil7453002531875Vacum Gloriea West Unit120Texaco E & PincGloriear/PaddockOil745300253187Vacum Gloriea West Unit121Texaco E & PincGloriear/PaddockOil745300253187Vacum Gloriea West Unit121Texaco E & PincGloriear/PaddockOil745300253187Vacum Gloriea West Unit121Texaco E & PincGloriear/PaddockOil745300253187Vacum Gloriea West Unit122Texaco E & PincGloriear/PaddockOil7453002521203Vacum Gloriea West Unit126Texaco E & PincGloriear/PaddockOil745300252233Vacum Gloriea West Unit130Texaco E & PincGloriear/PaddockOil4690300250235Vacum Gloriea West Unit130Texaco E & PincGloriear/PaddockOil4690300250235Vacum Gloriea West Unit130Texaco E & PincGloriear/PaddockOil4700300250235Vacum Gloriea West Unit130Texaco E & PincGloriear/PaddockOil4700300250235Vacum Gloriea West Unit131Texaco E & PincGloriear/PaddockOil4700300250235Vacum Gloriea West Unit131Texaco E & PincGloriear/PaddockOil470030025	64	3002521107	Vacuum Glorieta West Unit	113	Texaco E & P Inc.	Glorieta/Paddock	ΡA	6250	1 18S 34E	7/3/95	330 FNL 1880 FEL
3005251131 Vacum Gloriea West Unit 115 Texacc E & Finc. CloriearPaddock 01 7439 1183 34E NW NK 102399 3002551375 Vacum Gloriea West Unit 120 Texacc E & Finc. CloriearPaddock VH 1183 34E NW NK 670093 3002551375 Vacum Gloriea West Unit 120 Texacc E & Finc. CloriearPaddock VH 1183 34E NW NK 670093 3002551375 Vacum Gloriea West Unit 121 Texacc E & Finc. CloriearPaddock VH 1133 34E SE NW NK 670093 3002551375 Vacum Gloriea West Unit 123 Texacc E & Finc. CloriearPaddock VH 6135 34E NW NK 670033 3002552036 Vacum Gloriea West Unit 123 Texacc E & Finc. CloriearPaddock VH 6135 34E NW NK 6172164 300255204 Vacum Gloriea West Unit 133 Texacc E & Finc. CloriearPaddock VH 6135 34E NW NK 6172164 300252250 Vacum Gloriea West Unit 133 Texacc E & Finc. CloriearPaddock VH 6135 34E NW NK 7173 300252520 Vacum Gloriea West Unit 133 Texacc E & Finc.	3002531131 Vacuum Glorieta West Unit 115 Texado E & Pinc. Glorieta/Paddock. Oil 7459 30022531875 Vacuum Glorieta West Unit 121 Texado E & Pinc. Glorieta/Paddock. Oil 7459 30022531875 Vacuum Glorieta West Unit 121 Texado E & Pinc. Glorieta/Paddock. Oil 7459 30022531875 Vacuum Glorieta West Unit 122 Texado E & Pinc. Glorieta/Paddock. Oil 7459 30022531877 Vacuum Glorieta West Unit 122 Texado E & Pinc. Glorieta/Paddock. Oil 7459 3002252036 Vacuum Glorieta West Unit 123 Texado E & Pinc. Glorieta/Paddock. Oil 4590 3002252036 Vacuum Glorieta West Unit 123 Texado E & Pinc. Glorieta/Paddock. Oil 4500 3002252036 Vacuum Glorieta West Unit 133 Texado E & Pinc. Glorieta/Paddock. Oil 4500 3002252037 Vacuum Grayburg San Andres Unit 13 Texado E & Pinc. Glorieta/Paddock. Oil 4500 300225254 Vacuum Grayburg San Andres Unit 13 Texado E & Pinc. Glo	65	3002531132	Vacuum Glorieta West Unit	114	Texaco E & P Inc.	Glorieta/Paddock	oi	7471	1 18S 34E NW NE	11/15/97	280 FNL 2080 FEL
300550753 Vacuum Ginetas West Unit 116 Teasoot E & Pinc ClinetarPaddock 0.01 6507 6185 35E WV WW 102/39 3002531875 Vacuum Gineta West Unit 120 Teasoot E & Pinc GinetarPaddock Winit 533 5185 35E WV YWW 102/39 3002531875 Vacuum Gineta West Unit 120 Teasoot E & Pinc GinetarPaddock Winit 533 5185 35E WV YWW 102/39 3002531875 Vacuum Gineta West Unit 122 Teasoot E & Pinc GinetarPaddock Winit 533 555 WV YWW 107/30 3002521031 Vacuum Gineta West Unit 122 Teasoot E & Pinc GinetarPaddock Ni 6185 35E WV StWW 1/1 3002521031 Vacuum Gineta West Unit 122 Teasoot E & Pinc GinetarPaddock Ni 6185 35E WV StWW 1/1 3002521032 Vacuum Gineta West Unit 122 Teasoot E & Pinc GinetarPaddock Ni 6185 35E WV StWW 1/1 3002522328 Vacuum Gineta West Unit 122 Teasoot E & Pinc GinetarPaddock Ni <t< td=""><td>300253735 Vacuum Glorieta West Unit 116 Texaco E & Pinc Glorietal?addock OI 6507 3002531875 Vacuum Glorieta West Unit 120 Texaco E & Pinc Glorietal?addock WInj 6373 3002531875 Vacuum Glorieta West Unit 122 Texaco E & Pinc Glorietal?Paddock WInj 6373 3002531875 Vacuum Glorieta West Unit 122 Texaco E & Pinc Glorietal?Paddock WInj 6373 3002521032 Vacuum Glorieta West Unit 127 Texaco E & Pinc Glorietal?Paddock OI 6507 3002521328 Vacuum Glorieta West Unit 127 Texaco E & Pinc Glorietal?Paddock OI 6507 300252257 Vacuum Grayburg San Andres Unit 123 Texaco E & Pinc Glorietal?Paddock OI 6509 300252257 Vacuum Grayburg San Andres Unit 133 Texaco E & Pinc Glorietal?Paddock OI 6509 300252257 Vacuum Grayburg San Andres Unit 13 Texaco E & Pinc Glorietal?Paddock OI 6509 30025225417 Vacuum Grayburg San Andres Unit 13 Texaco E & Pinc Glorietal?Pa</td><td>66</td><td>3002531131</td><td>Vacuum Glorieta West Unit</td><td>115</td><td>Texaco E & P Inc.</td><td>Glorieta/Paddock</td><td>Öİ</td><td>7459</td><td>1 18S 34E NE NE</td><td>12/6/97</td><td>604 FNL 856 FEL</td></t<>	300253735 Vacuum Glorieta West Unit 116 Texaco E & Pinc Glorietal?addock OI 6507 3002531875 Vacuum Glorieta West Unit 120 Texaco E & Pinc Glorietal?addock WInj 6373 3002531875 Vacuum Glorieta West Unit 122 Texaco E & Pinc Glorietal?Paddock WInj 6373 3002531875 Vacuum Glorieta West Unit 122 Texaco E & Pinc Glorietal?Paddock WInj 6373 3002521032 Vacuum Glorieta West Unit 127 Texaco E & Pinc Glorietal?Paddock OI 6507 3002521328 Vacuum Glorieta West Unit 127 Texaco E & Pinc Glorietal?Paddock OI 6507 300252257 Vacuum Grayburg San Andres Unit 123 Texaco E & Pinc Glorietal?Paddock OI 6509 300252257 Vacuum Grayburg San Andres Unit 133 Texaco E & Pinc Glorietal?Paddock OI 6509 300252257 Vacuum Grayburg San Andres Unit 13 Texaco E & Pinc Glorietal?Paddock OI 6509 30025225417 Vacuum Grayburg San Andres Unit 13 Texaco E & Pinc Glorietal?Pa	66	3002531131	Vacuum Glorieta West Unit	115	Texaco E & P Inc.	Glorieta/Paddock	Öİ	7459	1 18S 34E NE NE	12/6/97	604 FNL 856 FEL
3002531875 Vacuum Gloriesi West Unit 120 Texacc & P Inc. Gloriest/Paddock W-Inj 537 1185 34E RNNE 6/303 3002531875 Vacuum Gloriesi West Unit 122 Texacc & P Inc. Gloriest/Paddock W-Inj 537 1185 34E RNNE 6/303 3002551877 Vacuum Gloriesi West Unit 122 Texacc & P Inc. Gloriest/Paddock W-Inj 537 6185 34E 1/7 3002520305 Vacuum Gloriesi West Unit 127 Texacc & P Inc. Gloriest/Paddock N 8185 34E 1/7 3002520305 Vacuum Gloriesi West Unit 127 Texacc & P Inc. Gloriest/Paddock N 8185 34E 1/7 3002520305 Vacuum Gloriesi West Unit 133 Texacc & P Inc. Gloriest/Paddock N 813 34E 1/7 3002520255 Vacuum Gloriesi West Unit 133 Texacc & P Inc. Gloriest/Paddock N 813 34E 1/7 3002520255 Vacuum Gloriesi West Unit 13 Texacc & P Inc. Gloriest/Paddock N 813 34E 8173 34E	30025318F3 Vacum Glorieta West Unit 120 Texaco E & P. Inc. Glorieta/Paddock W-Inj 6373 30025318F7 Vacum Glorieta West Unit 121 Texaco E & P. Inc. Glorieta/Paddock W-Inj 6373 3002531877 Vacum Glorieta West Unit 121 Texaco E & P. Inc. Glorieta/Paddock W-Inj 6373 300252039 Vacum Glorieta West Unit 125 Texaco E & P. Inc. Glorieta/Paddock W-Inj 6373 300252039 Vacum Glorieta West Unit 127 Texaco E & P. Inc. Glorieta/Paddock M-Inj 6373 300252039 Vacum Glorieta West Unit 123 Texaco E & P. Inc. Glorieta/Paddock M-Inj 6373 300250259 Vacum Glorieta West Unit 133 Texaco E & P. Inc. Glorieta/Padock M-Inj 6735 300250256 Vacum Glorieta West Unit 13 Texaco E & P. Inc. Glorieta/Padock M-Inj 6701 300250256 Vacum Glorieta West Unit 13 Texaco E & P. Inc. Glorieta/Padock M-Inj 670 300250256<	67	3002520753	Vacuum Glorieta West Unit	116	Texaco E & P Inc.	Glorieta/Paddock	Ō	6507	6 18S 35E NW NW NW	10/3/99	330 FNL 560 FWL
3002531877 Vacuum Gloriest West Unit 121 Texacc & P Inc. Gloriest/Paddock W-Inj. 1185 34E SN Kn. 1115 3002531877 Vacuum Gloriest West Unit 122 Texacc & P Inc. Gloriest/Paddock W-Inj. 5173 94E SN Kn. 1175 3002521877 Vacuum Gloriest West Unit 123 Texacc & P Inc. Gloriest/Paddock 01 6153 35E NV NN 8573 94E 272382 3002520046 Vacuum Gloriest West Unit 133 Texacc & P Inc. Gloriest/Paddock 01 6153 35E NV St 117599 3002520357 Vacuum Gloriest West Unit 133 Texacc & P Inc. Gloriest/Paddock 01 6135 35E NV St 117599 3002520357 Vacuum Gloriest West Unit 133 Texacc & P Inc. Gloriest/Paddock 01 6135 35E NV St 1171599 300252255 Vacuum Gloriest West Unit 133 Texacc & P Inc. Gloriest/Paddock 01 6183 35E NV St 1171243 300252255 Vacuum Gloriest West Unit 13 Texacc & P Inc. Gloriest/Paddock 01 4583 4E 1171243 300252255 Vacuum Gloriest West Unit 13 Texa	30255187 Vacuum Glorieta West Unit 121 Texaco E & Plicc Glorieta/Paddock W.Inj 657 3002551937 Vacuum Glorieta West Unit 122 Texaco E & Plicc Glorieta/Paddock W.Inj 657 3002557031 Vacuum Glorieta West Unit 122 Texaco E & Plicc Glorieta/Paddock OI 655 3002557033 Vacuum Glorieta West Unit 122 Texaco E & Plicc Glorieta/Paddock OI 655 300255046 Vacuum Glorieta West Unit 130 Texaco E & Plicc Glorieta/Paddock OI 656 30025502567 Vacuum Glorieta West Unit 130 Texaco E & Plicc Glorieta/Paddock OI 4660 30025502567 Vacuum Glorieta West Unit 130 Texaco E & Plicc Glorieta/Paddock OI 4600 3002502567 Vacuum Grayburg San Andres Unit 13 Texaco E & Plicc Grayburg-San Andres OI 4600 3002502567 Vacuum Grayburg San Andres Unit 13 Texaco E & Plicc Grayburg-San Andres OI 4710 3002502567 Vacuum Grayburg San Andres Unit 13 Texaco E & Plicc Grayburg-San	68	3002531859	Vacuum Glorieta West Unit	120	Texaco E & P Inc.	Glorieta/Paddock	[n]-W	6321	1 18S 34E NW NE	6/30/93	1102 FNL 1575 FEL
300251377 Vacum Gloriea West Unit 122 Texaoc E & Pinc. Glorieal/addock PA 6533 6158 35E 1165 34E 1027/164 3002520393 Vacum Gloriea West Unit 125 Texaoc E & Pinc. Glorieal/addock PA 6550 6185 35E 117.534 300252036 Vacum Gloriea West Unit 127 Texaoc E & Pinc. Glorieal/addock PA 655 06 6185 35E 117.595 300252036 Vacum Gloriea West Unit 127 Texaoc E & Pinc. Glorieal/addock PA 655 35 117.595 3002520256 Vacum Gloriea West Unit 133 Texaoc E & Pinc. Glorieal/addock PA 655 35 17.157 300252255 Vacum Gloriea West Unit 13 Texaoc E & Pinc. Glorieal/addock PA 657 3 36.173 34E 272.312 300252255 Vacum Gloriea West Unit 13 Texaoc E & Pinc. Glorieal/addock PA 658 35 617.241 96.17241 97.171 300252255 Vacum Gloriea West Unit 13 Texaoc E & Pinc. Glorieal/addock<	3002551387 Vacuum Glorieta West Unit 122 Texaco E & Pinc Glorieta/Paddock W-Inj 5373 3002551031 Vacuum Glorieta West Unit 125 Texaco E & Pinc Glorieta/Paddock PA 650 3002551031 Vacuum Glorieta West Unit 126 Texaco E & Pinc Glorieta/Paddock PA 650 3002551035 Vacuum Glorieta West Unit 127 Texaco E & Pinc Glorieta/Paddock PA 650 3002552036 Vacuum Glorieta West Unit 130 Texaco E & Pinc Glorieta/Paddock PA 650 3002550259 Vacuum Glorieta West Unit 130 Texaco E & Pinc Glorieta/Paddock PA 650 3002550259 Vacuum Graybug San Andres Unit 13 Texaco E & Pinc Glorieta/Paddock PA 650 3002550256 Vacuum Graybug San Andres Unit 13 Texaco E & Pinc Grayburg-San Andres OII 4710 3002550256 Vacuum Graybug San Andres Unit 13 Texaco E & Pinc Grayburg-San Andres OII 4710 3002550256 Vacuum Graybug San Andres Unit 13 Texaco E & Pinc Grayburg-San Andres <td>69</td> <td>3002531876</td> <td>Vacuum Glorieta West Unit</td> <td>121</td> <td>Texaco E & P Inc.</td> <td>Glorieta/Paddock</td> <td>[nl-V</td> <td></td> <td>1 18S 34E SE NE NE</td> <td>11</td> <td>964 FNL 90 FEL</td>	69	3002531876	Vacuum Glorieta West Unit	121	Texaco E & P Inc.	Glorieta/Paddock	[nl-V		1 18S 34E SE NE NE	11	964 FNL 90 FEL
3002521333 Vacuum Glonetal West Unit 72b Feator E & Pinc Glonetal/Feddock PA 6850 1185.34E 10/2164 3002521333 Vacuum Glonetal West Unit 127 Tevacor E & Pinc Glonetal/Feddock Did 6183.35E 11/15/99 3002521323 Vacuum Glonetal West Unit 127 Tevacor E & Pinc Glonetal/Feddock Did 6183.35E 11/15/99 3002521304 Vacuum Glonetal West Unit 127 Tevacor E & Pinc Glonetal/Feddock Did 6183.35E 11/15/99 300252250 Vacuum Glovietal West Unit 131 Tevacor E & Pinc Glonetal/Feddock Did 6183.55E 11/15/93 300250250 Vacuum Graybug San Andres Dini 131 Tevacor E & Pinc Glonetal/Feddock Did 4690 1185.34E 10/17/13 10/17/13 300250250 Vacuum Graybug San Andres Dini 131 Tevacor E & Pinc Grayburg-San Andres Did 10/17/13 10/17/13 10/17/13 10/17/13 10/17/13 10/17/13 10/17/13 10/17/13 10/17/13 </td <td>3002520333 Vacuum Glorieta West Unit 125 Texaoo E & Pinc. Glorieta/Paddock PA 6500 300252034 Vacuum Glorieta West Unit 126 Texaoo E & Pinc. Glorieta/Paddock OI 3002552035 Vacuum Glorieta West Unit 130 Texaoo E & Pinc. Glorieta/Paddock OI 3002552257 Vacuum Glorieta West Unit 133 Texaoo E & Pinc. Glorieta/Paddock OI 3002550250 Vacuum Glorieta West Unit 133 Texaoo E & Pinc. Glorieta/Paddock OI 4690 3002550250 Vacuum Glorieta West Unit 13 Texaoo E & Pinc. Glorieta/Paddock OI 4690 3002550250 Vacuum Glorieta West Unit 12 Texaoo E & Pinc. Glorieta/Paddock OI 4690 300255230 Vacuum Grayburg San Andres Unit 11 Texaoo E & Pinc. Glorieta/Paddock OI 4710 3002552431 Vacuum Grayburg San Andres Unit 12 Texaoo E & Pinc. Grayburg-San Andres OI 4710 3002552433 Vacuum Grayburg San Andres Unit 26 Texaoo E & Pinc. Grayburg-San Andres OI 4710 <tr< td=""><td>22</td><td>3002531877</td><td>Vacuum Glorieta West Unit</td><td>122</td><td>Texaco E & P Inc.</td><td>Glorieta/Paddock</td><td>M-Inj</td><td>6373</td><td>6 18S 35E NW NW</td><td>8/21/93</td><td>845 FNL 1061 FWL</td></tr<></td>	3002520333 Vacuum Glorieta West Unit 125 Texaoo E & Pinc. Glorieta/Paddock PA 6500 300252034 Vacuum Glorieta West Unit 126 Texaoo E & Pinc. Glorieta/Paddock OI 3002552035 Vacuum Glorieta West Unit 130 Texaoo E & Pinc. Glorieta/Paddock OI 3002552257 Vacuum Glorieta West Unit 133 Texaoo E & Pinc. Glorieta/Paddock OI 3002550250 Vacuum Glorieta West Unit 133 Texaoo E & Pinc. Glorieta/Paddock OI 4690 3002550250 Vacuum Glorieta West Unit 13 Texaoo E & Pinc. Glorieta/Paddock OI 4690 3002550250 Vacuum Glorieta West Unit 12 Texaoo E & Pinc. Glorieta/Paddock OI 4690 300255230 Vacuum Grayburg San Andres Unit 11 Texaoo E & Pinc. Glorieta/Paddock OI 4710 3002552431 Vacuum Grayburg San Andres Unit 12 Texaoo E & Pinc. Grayburg-San Andres OI 4710 3002552433 Vacuum Grayburg San Andres Unit 26 Texaoo E & Pinc. Grayburg-San Andres OI 4710 <tr< td=""><td>22</td><td>3002531877</td><td>Vacuum Glorieta West Unit</td><td>122</td><td>Texaco E & P Inc.</td><td>Glorieta/Paddock</td><td>M-Inj</td><td>6373</td><td>6 18S 35E NW NW</td><td>8/21/93</td><td>845 FNL 1061 FWL</td></tr<>	22	3002531877	Vacuum Glorieta West Unit	122	Texaco E & P Inc.	Glorieta/Paddock	M-Inj	6373	6 18S 35E NW NW	8/21/93	845 FNL 1061 FWL
3002221031 Vacuum Gioreta West Unit 126 Texaco E & Pinc. Gioreta/Padocck Oil 6183 35E 1/1/599 3002252045 Vacuum Gioreta West Unit 127 Texaco E & Pinc. Gioreta/Padocck Oil 6183 35E NW SE W 1/1 300252057 Vacuum Gioreta West Unit 133 Texaco E & Pinc. Gioreta/Padocck Oil 6193 35E NW SE W 1/1 300252057 Vacuum Gioreta West Unit 133 Texaco E & Pinc. Gioreta/Padocck Oil 6193 35E NW SE W 1/1 300250257 Vacuum Gioreta West Unit 133 Texaco E & Pinc. Gioreta/Padocck Oil 4690 1185 34E 6172/41 300250256 Vacum Grayburg San Andres Unit 13 Texaco E & Pinc. Grayburg-San Andres Oil 4690 1185 34E 617/241 3002524317 Vacum Grayburg San Andres Unit 13 Texaco E & Pinc. Grayburg-San Andres Unit 135 34E 617/241 617/241 30025254 Vacum Grayburg San Andres Unit 13 Texaco E & Pinc. Grayburg-San Andres Vinjt 4780 1185 34E 617/341 3002525430 Vacum G	3002521031 Vacuum Glorieta West Unit 126 Texaoo E & Pinc. Glorieta/Paddock Oil 3002521338 Vacuum Glorieta West Unit 127 Texaoo E & Pinc. Glorieta/Paddock Oil 3002502338 Vacuum Glorieta West Unit 133 Texaoo E & Pinc. Glorieta/Paddock Oil 3002502257 Vacuum Glorieta West Unit 133 Texaoo E & Pinc. Glorieta/Paddock Oil 3002502259 Vacuum Glorieta West Unit 133 Texaoo E & Pinc. Glorieta/Paddock Oil 4690 3002502255 Vacuum Grayburg San Andres Unit 11 Texaoo E & Pinc. Glorieta/Paddock Oil 4690 3002502505 Vacuum Grayburg San Andres Unit 13 Texaoo E & Pinc. Glorieta/Paddock Oil 4710 3002524301 Vacuum Grayburg San Andres Unit 13 Texaoo E & Pinc. Grayburg-San Andres Oil 4710 3002524317 Vacuum Grayburg San Andres Unit 13 Texaoo E & Pinc. Grayburg-San Andres Oil 4710 3002552436 Vacuum Grayburg San Andres Unit 25 Texaoo E & Pinc. Grayburg-San Andres Oil 4710	51	3002520939	Vacuum Glorieta West Unit	125	Texaco E & P Inc.	Glorieta/Paddock	ΡA	6850	1 18S 34E	10/21/64	1660 FNL 660 FEL
3002520345 Vacuum Gioreta West Unit 12/ Texaco E & P. Inc. Gioreta/Paddock OI 6 183 34 E S MK SE NW // / / / / / / / / / / / / / / / / / /	3002521242Vacuum Glorieta West Unit127Texaco E & Pinc.Glorieta/PaddockOI3002520365Vacuum Glorieta West Unit133Texaco E & Pinc.Glorieta/PaddockOI46983002502575Vacuum Glorieta West Unit133Texaco E & Pinc.Glorieta/PaddockOI46903002502256Vacuum Grayburg San Andres Unit13Texaco E & Pinc.Glorieta/PaddockOI46903002502256Vacuum Grayburg San Andres Unit13Texaco E & Pinc.Grayburg-San AndresOI47603002502256Vacuum Grayburg San Andres Unit19Texaco E & Pinc.Grayburg-San AndresOI47103002502256Vacuum Grayburg San Andres Unit19Texaco E & Pinc.Grayburg-San AndresOI47103002502255Vacuum Grayburg San Andres Unit19Texaco E & Pinc.Grayburg-San AndresOI47103002502255Vacuum Grayburg San Andres Unit26Texaco E & Pinc.Grayburg-San AndresOI47103002502255Vacuum Grayburg San Andres Unit27Texaco E & Pinc.Grayburg-San AndresOI47103002502255Vacuum Grayburg San And	2	3002521031	Vacuum Glorieta West Unit	126	Texaco E & P Inc.	Glorieta/Paddock	ō		6 18S 35E	11/15/99	1660 FNL 380 FWL
3002520346 Vacuum Glorieta West Unit 130 Texacc E & Pinc. GlorietaPaddock PA 6853 56 175 34E 2/2/82 3002502557 Vacuum Glorieta West Unit 133 Texacc E & Pinc. GlorietaPaddock Oil 4680 1185 34E 5//133 6//1241 3002502557 Vacuum Grayburg San Andres Unit 13 Texacc E & Pinc. GlorietaPaddock Oil 4680 1185 34E 10/1243 6//1241 3002502557 Vacuum Grayburg San Andres Unit 13 Texacc E & Pinc. Grayburg-San Andres Oil 4680 1185 34E 10/1243 6//1241 3002502557 Vacuum Grayburg San Andres Unit 19 Texacc E & Pinc. Grayburg-San Andres W-ini 4800 1185 34E 10/1243 6//1743 3002502556 Vacuum Grayburg San Andres Unit 25 Texacc E & Pinc. Grayburg-San Andres W-ini 4800 1185 34E 10/1243 2//1243 3002502556 Vacuum Grayburg San Andres Unit 27 Texacc E & Pinc. Grayburg-San Andres W-ini 4800 1185 34E 5//133 30025022557 Vacuum Grayburg San Andres Unit 27<	3002522046 Vacuum Glorieta West Unit 130 Texacot E & P Inc. Glorieta/Paddock PA 6633 300250255 Vacuum Glorieta West Unit 113 Texacot E & P Inc. Glorieta/Paddock PA 6633 300250256 Vacuum Grayburg San Andres Unit 113 Texacot E & P Inc. Glorieta/Paddock OI 4690 300250256 Vacuum Grayburg San Andres Unit 13 Texacot E & P Inc. Grayburg-San Andres OII 4780 3002522436 Vacuum Grayburg San Andres Unit 13 Texacot E & P Inc. Grayburg-San Andres OII 4710 3002522436 Vacuum Grayburg San Andres Unit 13 Texacot E & P Inc. Grayburg-San Andres OII 4710 300252255 Vacuum Grayburg San Andres Unit 26 Texacot E & P Inc. Grayburg-San Andres OII 4710 3002550256 Vacuum Grayburg San Andres Unit 27 Texacot E & P Inc. Grayburg-San Andres OII 4710 3002550255 Vacuum Grayburg San Andres Unit 27 Texacot E & P Inc. Grayburg-San Andres OII 4	73	3002521292	Vacuum Glorieta West Unit	127	Texaco E & P Inc.	Glorieta/Paddock	0.		6 18S 35E NW SE NW	11	1650 FNL 1650 FWL
3002552333 Vacuum Grayburg San Andres Unit 133 Texado E & Pinc. Giorieta/Paddock Oil 4698 1185 34E 6/1/2/41 300255257 Vacuum Grayburg San Andres Unit 11 Texado E & Pinc. Grayburg-San Andres Oil 4698 1185 34E 6/1/2/41 3002552515 Vacuum Grayburg San Andres Unit 13 Texado E & Pinc. Grayburg-San Andres Oil 4698 1185 34E 6/1/2/41 3002552317 Vacuum Grayburg San Andres Unit 13 Texado E & Pinc. Grayburg-San Andres Oil 4698 1185 34E 12/28/72 30025523517 Vacuum Grayburg San Andres Unit 19 Texado E & Pinc. Grayburg-San Andres Oil 4710 1185 34E 12/28/73 300255255 Vacuum Grayburg San Andres Unit 26 Texado E & Pinc. Grayburg-San Andres Oil 4710 1185 34E 3/5/73 3002502255 Vacuum Grayburg San Andres Unit 28 Texado E & Pinc. Grayburg-San Andres Oil 4710 1185 34E 3/5/73 3002502255 Vacuum Grayburg San Andres Unit 28 Texado E & Pinc. Grayburg-San Andres 0il <	300255233Vacuum Grayburg San Andres Unit133Texacc E & P. Inc.Glorieta/PaddockOil3002502259Vacuum Grayburg San Andres Unit11Texacc E & P. Inc.Grayburg-San AndresOil46903002502259Vacuum Grayburg San Andres Unit12Texacc E & P. Inc.Grayburg-San AndresOil46903002502259Vacuum Grayburg San Andres Unit13Texacc E & P. Inc.Grayburg-San AndresOil4703002522431Vacuum Grayburg San Andres Unit18Texacc E & P. Inc.Grayburg-San AndresW. Inj4703002522436Vacuum Grayburg San Andres Unit25Texacc E & P. Inc.Grayburg-San AndresW. Inj4800300250255Vacuum Grayburg San Andres Unit26Texacc E & P. Inc.Grayburg-San AndresW. Inj4800300250255Vacuum Grayburg San Andres Unit26Texacc E & P. Inc.Grayburg-San AndresW. Inj4800300250255Vacuum Grayburg San Andres Unit27Texacc E & P. Inc.Grayburg-San AndresW. Inj4800300250255Vacuum Grayburg San Andres Unit27Texacc E & P. Inc.Grayburg-San AndresW. Inj4800300250255Vacuum Grayburg San Andres Unit27Texacc E & P. Inc.Grayburg-San AndresW. Inj4800300250255Vacuum Grayburg San Andres Unit28Texacc E & P. Inc.Grayburg-San AndresW. Inj4800300250255Vacuum Grayburg San Andres Unit28Texacc E & P. Inc.Grayburg-San Andres <t< td=""><td>4 4</td><td>3002520046</td><td>Vacuum Glorieta West Unit</td><td>130</td><td>Texaco E & P Inc.</td><td>Glorieta/Paddock</td><td>ΡA</td><td>6853</td><td>36 17S 34E</td><td>2/23/82</td><td>519 FSL 1839 FWL</td></t<>	4 4	3002520046	Vacuum Glorieta West Unit	130	Texaco E & P Inc.	Glorieta/Paddock	ΡA	6853	36 17S 34E	2/23/82	519 FSL 1839 FWL
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3002502265 Vacuum Grayburg San Andres Unit 12 Texaco E & P Inc. Grayburg-San Andres 0.1 4690 1183 34E 10/12/43 3002502265 Vacuum Grayburg San Andres Unit 13 Texaco E & P Inc. Grayburg-San Andres 0.1 4680 1185 34E 10/12/43 300252256 Vacuum Grayburg San Andres Unit 13 Texaco E & P Inc. Grayburg-San Andres W-Inj 4680 1185 34E 10/12/43 300252256 Vacuum Grayburg San Andres Unit 20 Texaco E & P Inc. Grayburg-San Andres W-Inj 4800 1185 34E 2/2/2/12 300250255 Vacuum Grayburg San Andres Unit 26 Texaco E & P Inc. Grayburg-San Andres W-Inj 4800 1185 34E 2/2/3/14 300250255 Vacuum Grayburg San Andres Unit 26 Texaco E & P Inc. Grayburg-San Andres O.I 4710 1185 34E 5/13/40 300250255 Vacuum Grayburg San Andres Unit 28 Texaco E & P Inc. Grayburg-San Andres O.I 4/10 1185 34E 5/13/40 30025025255 <	3002502259Vacuum Grayburg San Andres Unit12Texaco E & P.Inc.Grayburg-San AndresO.II46903002524317Vacuum Grayburg San Andres Unit13Texaco E & P.Inc.Grayburg-San AndresVI-Inj46903002524360Vacuum Grayburg San Andres Unit13Texaco E & P.Inc.Grayburg-San AndresVI-Inj46903002524360Vacuum Grayburg San Andres Unit13Texaco E & P.Inc.Grayburg-San AndresVI-Inj4600300252256Vacuum Grayburg San Andres Unit26Texaco E & P.Inc.Grayburg-San AndresVI-Inj47103002502255Vacuum Grayburg San Andres Unit27Texaco E & P.Inc.Grayburg-San AndresVI-Inj47103002502254Vacuum Grayburg San Andres Unit23Texaco E & P.Inc.Grayburg-San AndresVI-Inj47103002502255Vacuum Grayburg San Andres Unit23Texaco E & P.Inc.Grayburg-San AndresVI-Inj4800300252253Vacuum Grayburg San Andres Unit33Texaco E & P.Inc.Grayburg-San AndresVI-Inj48003002522433Vacuum Grayburg San Andres Unit33Texaco E & P.Inc.Graybu	16	3002502257	Vacuum Grayburg San Andres Unit	1	Texaco E & P Inc.	Grayburg-San Andres	IO	4698	1 18S 34E	6/12/41	660 FSL 1980 FWL
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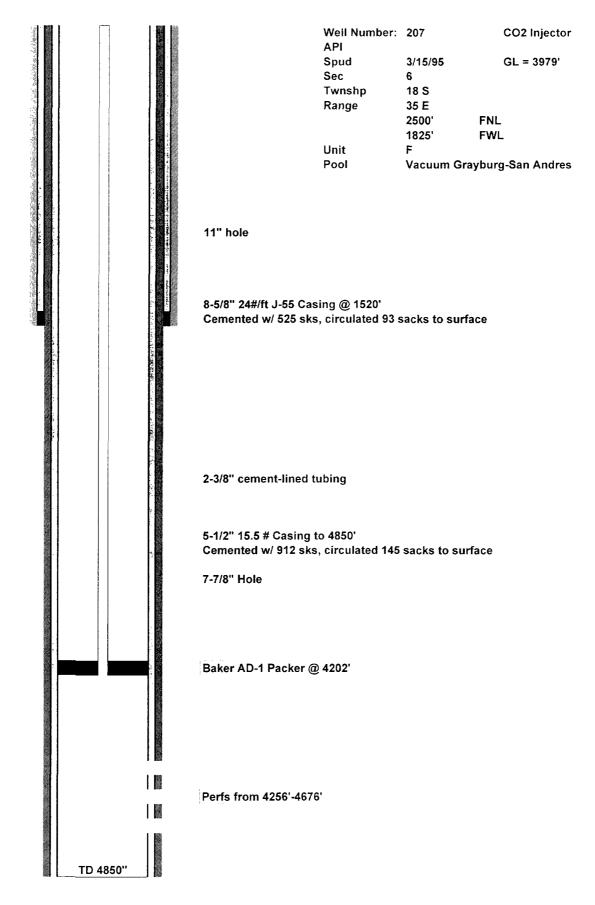
VGSAU CO2 Injection Area of Review

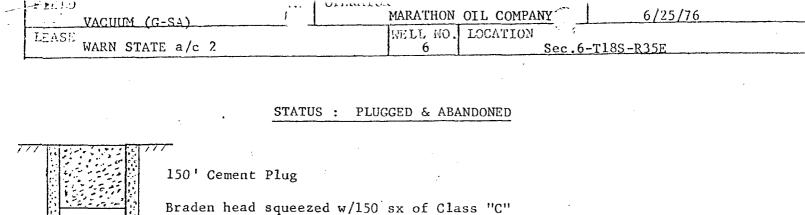
ootage	980 FNL 484 FEL	330 FNL 10 FEL	330 FNL 1330 FWL	390 FNL 2580 FWL	1330 FNL 1330 FEL	360 FNL 660 FWL	360 FNL 1980 FWL	360 FNL 1980 FEL	360 FNL 660 FEL	1655 FSL 330 FEL	336 FNL 660 FEL	1980 FSL 1308 FWL	980 FSL 2625 FWL	980 FSL 1220 FEL	1980 FNL 10 FEL	1980 FNL 1309 FWL	1980 FNL 2628 FWL	980 FNL 1250 FEL	330 FNL 660 FWL	1330 FNL 1980 FWL	1390 FNL 1980 FEL	660 FNL 10 FEL	660 FNL 1330 FWL	710 FNL 2530 FWL	360 FNL 1330 FEL	907 FNL 350 FEL	560 FSL 1650 FEL	1980 FSL 1755 FEL	360 FNL 510 FEL	2310 FSL 1650 FWL	1650 FSL 910 FWL	2160 FNL 910 FWL	1219 FNL 890 FWL	990 FSL 400 FWL	2180 FNL 400 FWL
Spud Date Footage	9/30/38 1	3/24/73 1	1/23/73 1	2/3/73 1	4/9/96 1	10/9/39 6	3/17/40 6	1/13/40 6	10/18/38 6	1/1/72 1	3/23/98 1	7/13/93 1	7/24/93 1	6/15/95 1	6/23/95 1	4/7/90 1	9/6/90	8/21/90 1	5/14/90 1	9/21/90 1	8/3/90 1	5/6/90 6	10/9/90 6	6/27/90 7	6/11/90 6	6/16/96 5	9/5/97 6	3/31/99 1	5/3/99 6	3/29/40 2	10/6/92 1	5/15/93 2	7/15/93 1	8/26/93 9	9/16/98 2
Location	1 18S 34E	2 18S 34E	1 18S 34E	1 18S 34E	1 18S 34E	1 18S 34E	1 18S 34E	1 18S 34E	1 18S 34E	1 18S 34E	1 18S 34E SE NE	1 18S 34E NW SW	1 18S 34E NE SW	1 18S 34E NE SE	2 18S 34E SE NE	1 18S 34E SW NW	1 18S 34E SE NW	1 18S 34E SE NE	1 18S 34E SW NW	1 18S 34E SE NW	1 18S 34E SW NE	2 18S 34E NE NE	1 18S 34E NE NW	1 18S 34E NE NW	1 18S 34E NW NE	1 18S 34E	1 18S 34E SW SE	1 18S 34E NW SE	1 18S 34E NE NE	6 18S 35E	6 18S 35E NW SW	6 18S 35E SW NW	6 18S 35E NW NW	6 18S 35E SW SW	6 18S 35E
Total Depth	4710	4800	4800	4800	4800	4710	4710	4710	4710	8800	5000	4900	4900	4900	5000	6004	5000	5000	5000	5000	5000	5000	5000	5000	5000	4850	8900	8000	7950	4690	8799	8166	8138	8170	11500
Status	0	W-Inj	W-Inj	PA	W-Inj	ĨŌ	ō	ο	ΡA	ΡA	Ö	ō	0I	ō	Ö	ΙÖ	Ö	ΙÖ	W-Inj	[u]-M	W-Inj	ĪŌ	ō	ĨŌ	Öİ	ĨŌ	oi	Ō	ō	ΡA	ō	i0	ο	ō	ĪŌ
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Operator	Texaco E & P inc.	Marathon Oil Company	Marathon Oil Company	Marathon Oil Company	Marathon Oil Company	Marathon Oil Company	Marathon Oil Company																												
Well #	43	47	48	49	50	55	56	57	58	68	122	126	127	128	140	141	142	143	148	149	150	155	156	157	158	159	212	227	258	9	11	20	22	24	26
Lease Name	Vacuum Grayburg San Andres Unit	Vacuum Grayburg San Andres Unit	Vacuum Grayburg San Andres Unit	Vacuum Grayburg San Andres Unit	Vacuum Grayburg San Andres Unit	Vacuum Grayburg San Andres Unit	Vacuum Grayburg San Andres Unit	Vacuum Grayburg San Andres Unit	Vacuum Grayburg San Andres Unit	Vacuum Grayburg San Andres Unit	Vacuum Grayburg San Andres Unit	Vacuum Grayburg San Andres Unit	Vacuum Grayburg San Andres Unit	Vacuum Grayburg San Andres Unit	Vacuum Grayburg San Andres Unit	Vacuum Grayburg San Andres Unit	Vacuum Grayburg San Andres Unit	Vacuum Grayburg San Andres Unit	Vacuum Grayburg San Andres Unit	Vacuum Grayburg San Andres Unit	Vacuum Grayburg San Andres Unit	Vacuum Grayburg San Andres Unit	Vacuum Grayburg San Andres Unit	Vacuum Grayburg San Andres Unit	Vacuum Grayburg San Andres Unit	Vacuum Grayburg San Andres Unit	Vacuum Grayburg San Andres Unit	Vacuum Grayburg San Andres Unit	Vacuum Grayburg San Andres Unit	Warn State A/C-2	Warn State A/C-2	Warn State A/C-2	Warn State A/C-2	Warn State A/C-2	Warn State A/C-2
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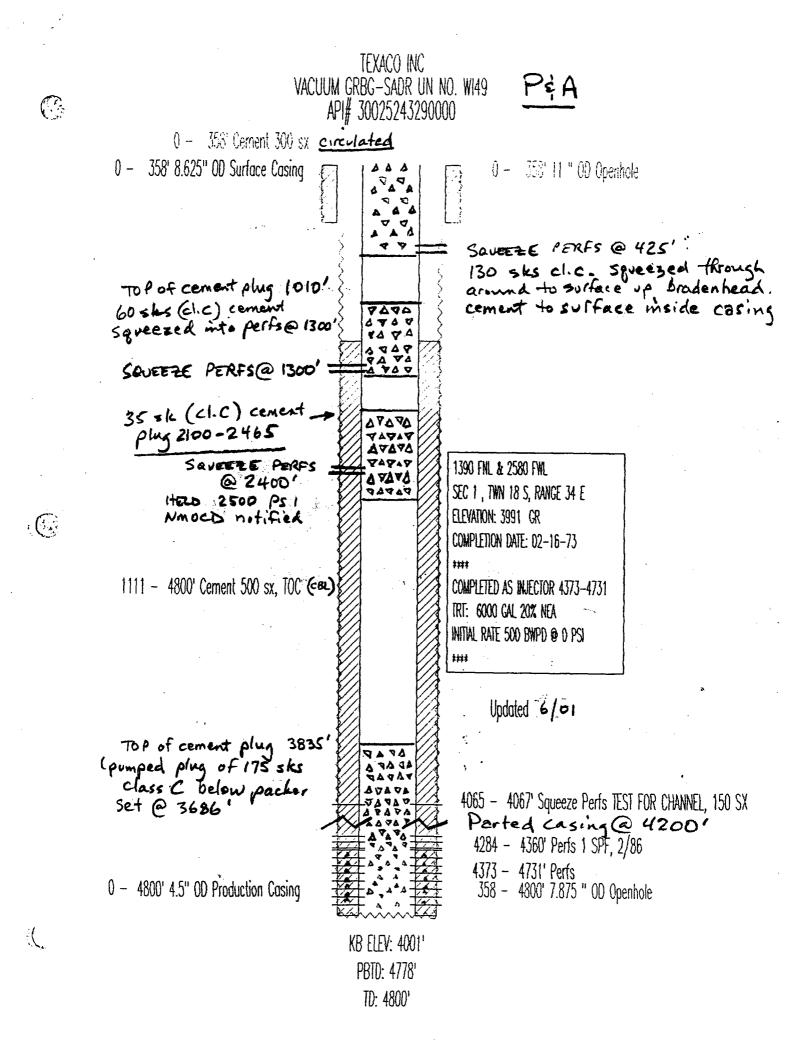
Central Vacuum Unit No. 207



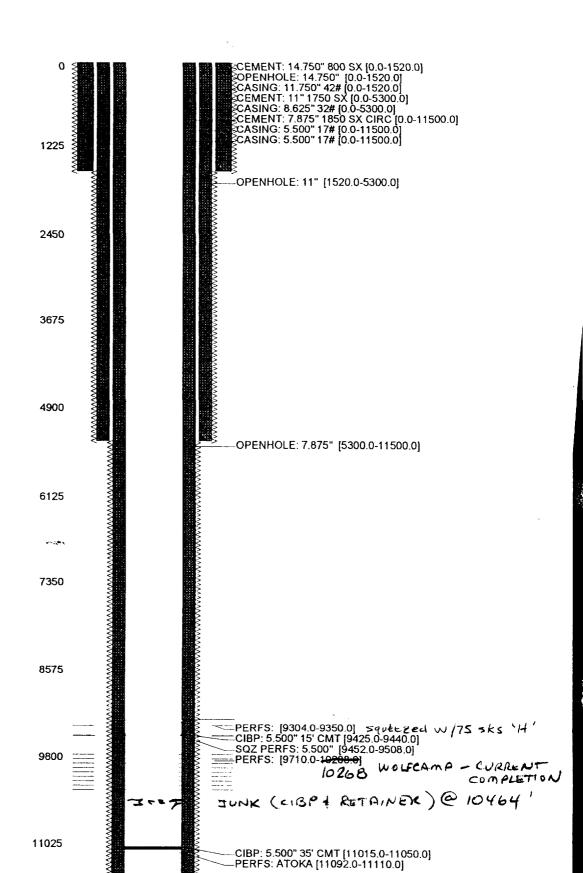


Cement Bottom 344' (Calculated)

10-3/4 " casing set at 495 ' with 200 s: of 0il Well cement Hole size 12-1/4 " CEMENT TOP: assume 60% excess, 1.33 cu.ft./sk 103/4-1214 annulus : 0,1881 cuft/lin ft. 103/4 TOC Cmt. Pipe parted 782'; Sqzd. w/150 sx, under retainer w/74' cmt. cap Rtr. = surface 782'} Sqzd. w/210 sx * a 700' TYPICALLY cement is circulated on surface caving but no record of this exists 798' 1236' Sqzd. w/120 sx 1485' 1592' BP a 1769' 1 wind 2315' } Sqzd. w/80 sx Casing repairs 5-1/2 " casing set at 4097 ' with 400 sx of Incor cement Hole size 8-1/8 CEMENT TOP .: Assume 1.33 cuft/sk, 100 %. excess 51/2-81/8 annulus = 0,195 cuft/linft 51/2" TOC = 2733' Total Depth 4690 Open Hole Interval 4097-4690' Hole Size Unknown







NEW MEXICO L ST NO. 18 Name: 18 ID: 3002533301000 ppe: Oil Date: 6/28/00

Notices to Offset Operators and Landowners

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OPERATOR OR LANDOWNER	TITLE	ADDRESS
Marathon Oil Company	Joint Interest Supv.	P.O. Box 552, Midland TX 79702
Roy Pearce, Jr. Trust	Land Owner	1717 W. Jackson, Pecos TX 79772
Giles M. Lee	Land Owner	West St. Rte. Box 478, Lovington NM 88260
NM State Land Office	Land Owner	3830 N. Grimes – C, Hobbs NM 88240
NM State Land Office (attn: Mr. Pete Martinez)	Land Owner	P.O. Box 1148, Santa Fe NM 87504-1148

COMPLETE THIS SECTION ON DELIVERY A. Received by (Please Print Clearly) B. Date of Delive C. Signature C. Signature C. Signature D. Is delivery address different from item 1? D. Is delivery address below: If YES, enter delivery address below: No	3. Service Type 3. Service Type 3. Service Type Express Mail Cartified Mail Express Mail C.O.D. Insured Mail Insured Mail C.O.D. 4. Restricted Delivery? (Extra Fee) Ves 7099 3220 0006 I 7199 3220 0006 Domestic Return Receipt 174,8		registered Insured Mail sstricted Deliven 0024 4,3 16 iept
 SENDER: COMPLETE THIS SECTION Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 1. Article Addressed to: Roy Pearce, Jr., Trust 17 17 W. Jackson Pecos, TX 79772 	 Article Number (Copy from service label) 7099 PS Form 3811, July 1999 	 SENDER: COMPLETE THIS SECTION Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 1. Article Addressed to: NEW MEXICO STATE LAND OFFICE ATTN: Mr. Pete Martinez ATTN: Mr. Pete Martinez P. O. Box 1148 Sănta Fe, New Mexico 87504-1148 	 Article Number (Copy from service label) 7000 PS Form 3811, July 1999 Domestic F
A. Received by (Please Print Clearly) B. Date of Delivery A. Received by (Please Print Clearly) B. Date of Delivery M. H. C. INQUECTON ON DELIVERY B. Date of Delivery M. H. C. INQUECTON ON DELIVERY B. Date of Delivery M. H. C. INQUECTON ON DELIVERY B. Date of Delivery M. H. C. Signature M. H. C. INQUECTON ON DELIVERY D. Is delivery address different from them 1? Tes If YES, enter delivery address below: No	3. Service Type Ard Certified Mail Express Mail Registered XXXReturn Receipt for Merchandise Insured Mail I. C.O.D. 4. Restricted Delivery? (Extra Fee) I. Yes 0024 4.316 1.79 um Receipt 102595.00.M.0952	ComPLETE THIS SECTION ON DELIVERY A. Received by (Please Print Clearly) B. Date of Delivery C. Signature A Agent C. Signature A Agent D. Is delivery address different from item 1? D Yes D. Is delivery address below: No 3. Service Type X Detrified Mail A. Received Mail Express Mail	ivery? (E)
 SENDER: COMPLETE THIS SECTION Complete items 1, 2, and 3. Also complete item 4 if Restricted Dervery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mallpiece, or on the front if space permits. 1. Article Addressed to: NEW MEXICO STATE LAND OFFICE 3830 N. GRIMES HOBBS, NEW MEXICO 88240 	3. Servic 3. Servic 2. Article Number (Copy from service label) 4. Restri 7000 0520 PS Form 3811, July 1999 Domestic Return Receipt	SENDER: COMPLETE THIS SECTION Complete items 1, 2, and 3. Also complete trem 4 if Restricted Defivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the maiplece, or on the front if space permits. 1. Article Addressed to: GILES M. LEE WEST STAR ROUTE BOX 478 LOVINGTON, NM 88260	 Article Number (Copy from service label) 7099 3 PS Form 3811, July 1999 Domestic Re
SENDER: COMP Complete Items item 4 if Restric Print your name so that we can t Attach this card or on the front it 1. Article Addressed	LETE THIS SECTION 1, 2, and 3. Also complete ted Delivery is desired. and address on the reverse eturn the card to you. to the back of the mailpiece, space permits. to: DIL COMPANY EREST 552	COMPLETE THIS SECTION ON DELIVERY A. Received by (Please Print Clearly) B. Date of Delivery MCW 7717 Mod JUN 1 1 2001 C. Signature Agent X Addressee D. Is delivery address different from Item 1? Yes If YES, enter delivery address below: No 3. Service Type Active Type Active Certified Mail Express Mail Registered B Return Receipt for Merchandise Insured Mail C.O.D. 4. Restricted Delivery? (Extra Fee) Yes	

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AFFIDAVIT OF PUBLICATION

State of New Mexico, County of Lea.

I. KATHI BEARDEN

Publisher

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

1

of_____

_____ weeks.

Beginning with the issue dated

June 3 ____ 2001

and ending with the issue dated

June 3

_ 2001

Publisher Sworn and subscribed to before

4th me this ... _____day of

June

____ 2001

otary Public.

My Commission expires October 18, 2004 (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.

02104895000 67500309 **Texaco Exploration and Product** P.O. Box 3109 MIDLAND, TX 79702-3109

LEGAL NOTICE June 3, 2001

Texaco Exploration and Production Inc is applying for permission to drill and complete three injection wells, Vacuum Grayburg-San Andres Unit Well Nos. 135, 235 and 249. These wells will be located is Section 1 of T18S R34E, Lea County, and are intended for the purpose of injecting water and carbon dioxide to improve oil recovery from the portion of the Grayburg and San Andres formations that lies between 4100 and 4800 feet below the surface. Anticipated injection rate for each well will be 2000 barrels of water per day at a surface injection pressure of 820 pounds per square inch, or 5 million cubic feet of carbon dioxide per day at a surface injection pressure of 1170 pounds per square inch.

Interested parties must file objections or requests for hearings, with the Oil Conservation Division, 1220 S. St. Francis Dr., Santa Fe, New Mexico 87504, within 15 days. For information contact:

P.O. Box 3103 Midland, Tx 79702 Contact Party: Steve Contact Phone: 915-6	oduction Inc.
Contact Party: Steve	1
Contact Party: Steve	3109
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SUNDRY NOTICES AND REPORTS ON WELLS	MILLINNI MILLINN
DUNUNT INCISCO ANNO REFORED NULLS. Do not use this form for proposals to drill or to deferen or flue back to a differint restryora, use "application for fermit -" (form C+10) for such proposals.)	AMMANINAN MARKA
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TEXACO Inc. (Well formerly P & A by Marathon)	Warn State A/C #
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2. 0. Box 728, Hobbs, New Mexico 88240	6
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K 2310 South 1650	Vacuum Grayburg San Andres
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Form C-103

:inued)

Spot 50 Sx. Cement plug from 3700' - 3200'. WOC. Open Well. Had Wtr. flow (4.3 BWPH, SIP-1100#). Tag cement plug @ 3281'. Spot 40 Sx. Cement plug from 3006' - 2648'. Spot 50 Sx. Cement down 5 1/2" x 2 7/8" annulus from 1324' - 2239'. Flow t

tbg w/Csg annulus SI. Set BP in 2 7/8" tbg @ 2110'. pot 10 Sx. Cement plug in 2 7/8" tbg from 2100'- 1300'. All water flow

shut off.

Cut 2 7/8" @ 1265' & pull.

Spot 78 Sx. Cement plug from 1265' - 609'. Perf. 5 1/2" Csg W/2-JS @ 600'. Cement perfs. @ 600' W/410 Sx. Class 'H' cement. Circulate cement.

Spot 10 Sx. Cement plug @ surface.

Install dry hole marker & clean location. Re-plug & Abandonment operations completed 7-22-81.





NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON Governor Jennifer A. Salisbury Cabinet Secretary

2/16/01

Lori Wrotenbery Director Oil Conservation Division

OIL CONSERVATION DIVISION		
P. O. BOX 2088 SANTA FE, NEW MEXICO 87501		
RE: Proposed: MC DHC NSL NSP SWD		
WFX PMX Gentlemen:	Vacuum GB/SA Unit 1-18:34e #	135-G
I have examined the applica		235-4 249-F
Operator	Lease & Well No. Unit S-T-R	
and my recommendations are		
0/2 - Loth @ P4	A Wan State A/C # 2	
	·	
		<u> </u>
Yours very truly,		

Chris Williams Supervisor, District l