#### STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

#### Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, New Mexico 87505

FORM C-108 Revised June 10, 2003

#### **APPLICATION FOR AUTHORIZATION TO INJECT**

I.	PURPOSE: X Secondary Recovery Pressure Maintenance Disposal Storage Application qualifies for administrative approval? X Yes No
II.	OPERATOR: Chevron U.S.A., Inc.
	ADDRESS: 15 Smith Road, Midland, Texas 79705
	CONTACT PARTY: See attached listing PHONE: See attached
III.	WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection.  Additional sheets may be attached if necessary.
IV.	Is this an expansion of an existing project? X Yes No  If yes, give the Division order number authorizing the project: R-4442-B
<b>V</b> .	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:
	<ol> <li>Proposed average and maximum daily rate and volume of fluids to be injected;</li> <li>Whether the system is open or closed;</li> <li>Proposed average and maximum injection pressure;</li> <li>Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,</li> <li>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.).</li> </ol>
*VIII	Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, at depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing wat obtal dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sout known to be immediately underlying the injection interval.
IX.	known to be immediately underlying the injection interval.  Describe the proposed stimulation program, if any.  Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resulting the injection interval.
*X.	Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resulting a second sec
*XI.	Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile $\frac{1}{100}$ $\frac{1}{100}$ $\frac{1}{100}$ $\frac{1}{100}$
XII.	Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile injection or disposal well showing location of wells and dates samples were taken.  Applicants for disposal wells must make an affirmative statement that they have examined available geologic and enginee data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any undergrous sources of drinking water.  Applicants must complete the "Proof of Notice" section on the reverse side of this form
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: Daniel Pequeno TITLE: Land Representative
	SIGNATURE: DATE: March 18, 2008
*	E-MAIL ADDRESS: dpequencyron.com  If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: Texaco application submitted 1/22/01; Chevron application submitted 7/3/07

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, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.

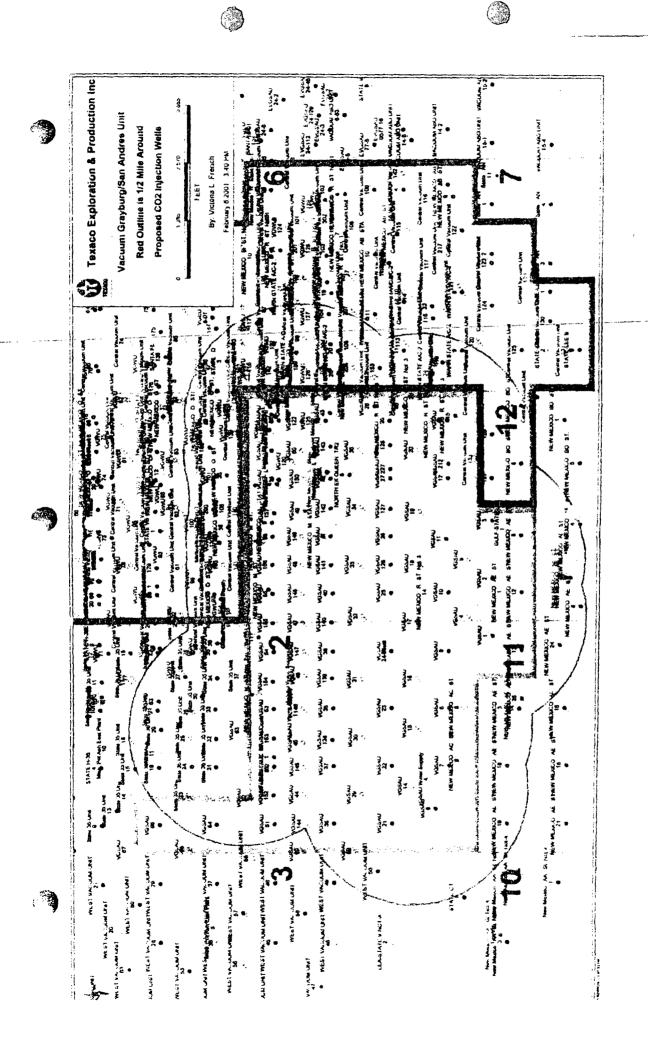
NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

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.



Operator: Chevron, USA
15 Smith Road
Midland, Texas 79705

Contacts:		
Name	Function	Phone
Paul Brown	Production Engineer	432-687-7351
Rex Marshall	Reservoir Engineer	432-687-7731
Kojo Lotsu	Reservoir Engineer/Flood Manager	432-687-7409
Scott Ingram	Project Manager/Geologist	432-687-7212
Matt Wasson	Geologist	432-687-7168



														WELLBORE SCHEMATIC	WELL LOCATION: 2535' FNL 1930' FEL FOOTAGE LOCATION	WELL NAME & NUMBER: Vacuum Grayburg San Andres Unit #135W	OPERATOR:Chevron U.S.A., Inc.
		Total Depth: 4,800	Top of Cement: Surface	Cemented with:950	Hole Size:7.6		Top of Cement:	Cemented with:	Hole Size:		Top of Cement:Surface	Cemented with:700	Hole Size:12.25"		UNIT LETTER	ndres Unit #135W	
	Injection Interval	0'		SX. OF	7.625" Cas	Production Casing	Met	SX. Or	Casi	Intermediate Casing		SX. OF		WELL CONSTR Surface Casing	SECTION TO		
i passa			Method Determined: _Circulation	ft <sup>3</sup>	Casing Size:5.5"	<i>0</i> ⇔	Method Determined:	ft <sup>3</sup>	Casing Size:	<b>16</b>	Method Determined: _Circulation_	24fi <sup>3</sup>	Casing Size: 8.625"	WELL CONSTRUCTION DATA Surface Casing	18S 34E TOWNSHIP RANGE		

Tuł	Tubing Size:	2 7/8" Lining Material: Duolined J55 Inj tbg	
Туг	Type of Packer:	5 1/2" Lock set packer Nickle Plated	
Pac	Packer Setting Depth:	th:4261'	
Oth	ner Type of Tubing	Other Type of Tubing/Casing Seal (if applicable):	
		Additional Data	
	Is this a new wel	Is this a new well drilled for injection?  X Yes No	
	If no, for what p	If no, for what purpose was the well originally drilled?	
2.	Name of the Inje	Name of the Injection Formation: Grayburg San Andres	
ယ	Name of Field o	Name of Field or Pool (if applicable): Vacuum	
4.	Has the well eve intervals and giv	Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.	
	No		
Ŋ	Give the name a	Give the name and depths of any oil or gas zones underlying or overlying the proposed	

Wolfcamp – 9260', Upper Penn – 10,200', Atoka – 10690', Strawn – 10935', Morrow – 11050', Mississippian – 11550', Woodford – 12000'. Underlying: Grayburg – 4030°, San Andres – 4345°, Glorieta – 5865°, Blinebry - 6285°, Drinkard – 7480°, Abo – 7925°, injection zone in this area:

There are no known producing zones below the Devonian within the area of review.

OPERATOR: Chevr	Chevron U.S.A., Inc				
WELL NAME & NUMBER:Vacuu	m Grayburg San	Vacuum Grayburg San Andres Unit #235W			
WELL LOCATION: 2610' FNL 660' FEL FOOTAGE LOCATION	FEL	H UNIT LETTER	SECTION	18S	34ERANGE
WELLBORE SCHEMATIC			WELL CONSTI	WELL CONSTRUCTION DATA Surface Casing	, <del></del>
		Hole Size:	12.25"	Casing Size: 8	8.625"
		Cemented with:	_700sx.	or	24ft³
		Top of Cement:	Surface	Method Determined: _Circulation_	_Circulation_
			Intermediate Casing	e Casing	
		Hole Size:		Casing Size:	
		Cemented with:	SX.	or	ft <sup>3</sup>
	a. called diver	Top of Cement:		Method Determined:	
	e		Production Casing	Casing	
		Hole Size:	7.825"	Casing Size:5	5.5"
		Cemented with:	950sx.	or15.5_	ft <sup>3</sup>
		Top of Cement:	Surface	Method Determined: _Circulation	Circulation
		Total Depth:	4,800		
			Injection Interval	nterval	
			4,516 feet	feet to4,712	feet
			284 holes Well has been completed with perforations.	oles ed with perforations.	
			The second of th		

	کر	4.	$\dot{\omega}$	2		<del></del>	Oth	Pac	Туј	Tub
Underlying: Grayburg – 403 Wolfcamp – 92 Mississippian –	Give the name and depths injection zone in this area:	Has the well evintervals and gi	Name of Field o	Name of the Inj	If no, for what p	Is this a new we	ner Type of Tubin	Packer Setting Depth:	Type of Packer:	Tubing Size:
Underlying: Grayburg - 4030', San Andres - 4345', Glorieta - 5865', Blinebry - 6285', Drinkard - 7480', Abo - 7925 Wolfcamp - 9260', Upper Penn - 10,200', Atoka - 10690', Strawn - 10935', Morrow - 11050', Mississippian - 11550', Woodford - 12000'.	Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:	Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used	Name of Field or Pool (if applicable):Vacuum	Name of the Injection Formation:Grayb	If no, for what purpose was the well originally drilled?	Additional Data  Is this a new well drilled for injection?	Other Type of Tubing/Casing Seal (if applicable):	1:~4145'	Nickle Plated Duoline	_2 7/8"L
.a – 5865°, Blinebry - 62 ka – 10690°, Strawn – 10	es underlying or overlyir	zone(s)? List all such pecement or plug(s) used.	um	Grayburg San Andres	drilled?	<u>al Data</u> X Yes				Lining Material: Duc
85°, Drinkard – 7480°, Abo – 7' 0935°, Morrow – 11050°,	ng the proposed	rforated				No				Duo-lined tbg
)25										

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There are no known producing zones below the Devonian within the area of review.

						~									WELLBORE SCHEMATIC	WELL LOCATION: 1390' FNL 2530' FWL FOOTAGE LOCATION	WELL NAME & NUMBER:Vacuu	OPERATOR:Chevr
Well has been completed with perforations.	4,292feet to4,714feet	Injection Interval	Total Depth: 4,800°	Top of Cement: Surface Method Determined: _Circulation	Cemented with: 1950 sx. or	Hole Size:7.625" Casing Size:5.5"	Production Casing	Top of Cement: Method Determined:	Cemented with: sx. or	Hole Size: Casing Size:	Intermediate Casing	Top of Cement:Surface Method Determined: _Circulation_	Cemented with:700 sx. or 24	Hole Size:12.25" Casing Size:8.625"	WELL CONSTRUCTION DATA Surface Casing	OF FWL F 1 18S 34E ATION UNIT LETTER SECTION TOWNSHIP RANGE	Vacuum Grayburg San Andres Unit #249W	Chevron U.S.A., Inc.

<del>,</del>	Tuking Siza:	2 7/9:
Tyr	Type of Packer:	Nickle Plated Duoline
Pac	Packer Setting Depth:	~4258'
Oth	er Type of Tubin	/Casing Seal (if applicable):
		Additional Data
•	Is this a new we	Is this a new well drilled for injection?  X Yes No
	If no, for what p	If no, for what purpose was the well originally drilled?
2.	Name of the Inje	Name of the Injection Formation: Grayburg San Andres
$\omega$	Name of Field o	Name of Field or Pool (if applicable): Vacuum
4.	Has the well eve intervals and giv	Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.
	No	
5.	Give the name a	Give the name and depths of any oil or gas zones underlying or overlying the proposed

There are no known producing zones below the Devonian within the area of review.

Wolfcamp – 9260', Upper Penn – 10,200', Atoka – 10690', Strawn – 10935', Morrow – 11050', Mississippian – 11550', Woodford – 12000'.

Underlying: Grayburg - 4030', San Andres - 4345', Glorieta - 5865', Blinebry - 6285', Drinkard - 7480', Abo - 7925',

injection zone in this area:

															WELLBURE SCHEMATIC	WELL LOCATION:1443' FNL 1286' FEL FOOTAGE LOCATION	WELL NAME & NUMBER:Vacuu	OPERATOR:Chevr
Il has been com	7 700	Injection Interval	Total Depth:5,200'	Top of Cement: Surface Method Determined: _Circulation	Cemented with:1195sx. or15.5	Hole Size: 8.75" Casing Size: 7"	Production Casing	Top of Cement: Surface Method Determined: _ Circulation _	Cemented with:1080sx. or36ft <sup>3</sup>	Hole Size:12.5" Casing Size:9.625"	Intermediate Casing	Top of Cement:Surface Method Determined: _Circulation_	Cemented with:2150sx. or48ft <sup>3</sup>	Hole Size:17.5" Casing Size:13.375"	WELL CONSTRUCTION DATA Surface Casing	FEL H 1 18S 34E TION UNIT LETTER SECTION TOWNSHIP RANGE	Vacuum Grayburg San Andres Unit #250W	Chevron U.S.A., Inc.

Tu	Tubing Size:	2 3/8" Lining Material: Fiberlined tbg
Ту	Type of Packer:	Nickle Plated Duoline
Pa	Packer Setting Depth:	. 4268
Q.	her Type of Tubin	Other Type of Tubing/Casing Seal (if applicable):
		Additional Data
	Is this a new we	Is this a new well drilled for injection?  X Yes No
	If no, for what p	If no, for what purpose was the well originally drilled?
2.	Name of the Inje	Name of the Injection Formation: Grayburg San Andres
3.	Name of Field o	Name of Field or Pool (if applicable): Vacuum
4.	Has the well eve intervals and giv	Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.
	No	
5.	Give the name and depths injection zone in this area:	Give the name and depths of any oil or gas zones underlying or overlying the proposed in this area:
	Underlying: Grayburg – 4030 Wolfcamp – 920 Mississippian –	Underlying: Grayburg - 4030', San Andres - 4345', Glorieta - 5865', Blinebry - 6285', Drinkard - 7480', Abo - 7 Wolfcamp - 9260', Upper Penn - 10,200', Atoka - 10690', Strawn - 10935', Morrow - 11050', Mississippian - 11550', Woodford - 12000'.

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There are no known producing zones below the Devonian within the area of review.

														WELLBORE SCHEMATIC	WELL LOCATION: 2590' FNL 1270' FWL FOOTAGE LOCATION	WELL NAME & NUMBER: Vacuum Grayburg San Andres Unit #133W	OPERATOR:Chevron U.S.A., Inc
4,247		Total Depth:4,700'	Top of Cement: Surface_	Cemented with:850	Hole Size:7.625"_		Top of Cement:	Cemented with:	Hole Size:		Top of Cement:Surface	Cemented with:700	Hole Size:12.25"		UNIT LETTER SI	Andres Unit #133W	
feet to 4,700 feet	Injection Interval		Method Determined: _Circulation	sx. or15.5 ft <sup>3</sup>	Casing Size: 5.5"	Production Casing	Method Determined:	sx. orft <sup>3</sup>	Casing Size:	Intermediate Casing	Method Determined: _Circulation_	sx. or 24 ft <sup>3</sup>	Casing Size: 8.625"	WELL CONSTRUCTION DATA Surface Casing	1 18S 34E SECTION TOWNSHIP RANGE		

Well has been completed as Open Hole.

No	<ol> <li>Has the well even intervals and given</li> </ol>	3. Name of Field of	2. Name of the Inje	it no, for what p	1. Is this a new wel	and a second	Other Type of Tubing	Packer Setting Depth:	Type of Packer:	Tubing Size:
	Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.	Name of Field or Pool (if applicable): Vacuum	Name of the Injection Formation: Grayburg San Andres	It 110, 101 what purpose was the well originally difficult	XYesNo	Additional Data	Other Type of Tubing/Casing Seal (if applicable):	~4215	5 ½" Packer with On/Off too	2 7/8" Lining Material: J55 Duolined

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

Wolfcamp – 9260', Upper Penn – 10,200', Atoka – 10690', Strawn – 10935', Morrow – 11050', Mississippian – 11550', Woodford – 12000'. Underlying: Grayburg – 4030', San Andres – 4345', Glorieta – 5865', Blinebry - 6285', Drinkard – 7480', Abo – 7925',

There are no known producing zones below the Devonian within the area of review.

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				W	₩ <u>0</u>
				WELL LOCATION: 2630' FNL 660' FEL FOOTAGE LOCATION  WELLBORE SCHEMATIC	OPERATOR:Che WELL NAME & NUMBER:Vacı
Iotal Depth: 4,600 Injection Interval  4,366 feet to 4,448	8.75"	Hole Size: Casing Size: Sx. or Top of Cement: Production Casing Production Casing Size: Casing Size: Sx. or	Hole Size: 12.25" Casing Size: 8.625"  Cemented with: 745 sx. or 24 f  Top of Cement: Surface Method Determined: Circulation Intermediate Casing	O' FEL L 1 18S ATION UNIT LETTER SECTION TOWNSHIP  WELL CONSTRUCTION DATA Surface Casing	Chevron U.S.A., Inc. Vacuum Grayburg San Andres Unit #233W
feet	5.5"ft <sup>3</sup>	ft <sup>3</sup>	8.625"ft³	34E RANGE	

Tub	Tubing Size:	2 3/8" Lir	Lining Material: Fiberlined tbg	
Тур	Type of Packer:	Nickle Plated Duoline		
Pac	Packer Setting Depth:	1:4268'		
Oth	er Type of Tubing	Other Type of Tubing/Casing Seal (if applicable):		
	2	Additional Data	Data	
:-	Is this a new wel	Is this a new well drilled for injection?	X Yes N	Zo
	If no, for what p	If no, for what purpose was the well originally drilled?	illed?	
2.	Name of the Inje	Name of the Injection Formation: Graybu	Grayburg San Andres	
$\dot{\omega}$	Name of Field o	Name of Field or Pool (if applicable):Vacuum	m ·	
4.	Has the well eve intervals and giv	Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.	ne(s)? List all such perforatement or plug(s) used.	
	No			
ż	Give the name a	Give the name and depths of any oil or gas zones underlying or overlying the proposed	underlying or overlying the	proposed

There are no known producing zones below the Devonian within the area of review.

Underlying:
Grayburg – 4030', San Andres – 4345', Glorieta – 5865', Blinebry - 6285', Drinkard – 7480', Abo – 7925', Wolfcamp – 9260', Upper Penn – 10,200', Atoka – 10690', Strawn – 10935', Morrow – 11050', Mississippian – 11550', Woodford – 12000'.

injection zone in this area:

															WELLBORE SCHEMATIC	WELL LOCATION:2630' FSL 660' FELFOOTAGE LOCATION	WELL NAME & NUMBER:Vacuu	OPERATOR:Chevr
4,370 feet to 4,572 feet  274 holes  Well has been completed using perforations.	Injection Interval	Total Depth: 4,600°	Top of Cement: Surface Method Determined: _Circulation	Cemented with:875sx. or15.5 ft <sup>3</sup>	Hole Size:7.625" Casing Size:5.5"	Production Casing	Top of Cement: Method Determined:	Cemented with: sx. orft <sup>3</sup>	Hole Size: Casing Size:	Intermediate Casing	Top of Cement:Surface Method Determined: _Circulation_	Cemented with:895sx. or24 ft <sup>3</sup>	Hole Size:12.25" Casing Size:8.625"	Surface Casing		UNIT LETTER SECTION TOWNSTON	Vacuum Grayburg San Andres Unit #132W	Chevron U.S.A., Inc.

Tubing Size: 2 7/8" Lining Material:Duolined_  Type of Packer: 5 ½" Hudson Lock set packer Nickle Plated		5.		٠ ٠	.i	2.		<del></del>		Q	Pa	Ţ	<del>-j</del>
Lining Material:Duolined	Underlying: Grayburg – 403 Wolfcamp – 92 Mississippian –		intervals and gi	Has the well eve	Name of Field	Name of the Inj	If no, for what p	Is this a new we		ther Type of Tubin	icker Setting Deptl	pe of Packer:	ubing Size:
3	030', San Andres – 4345', Glorieta – 5865', Blinebry - 6285', Drinkard – 7480', Abo – 799260', Upper Penn – 10,200', Atoka – 10690', Strawn – 10935', Morrow – 11050', 1 – 11550', Woodford – 12000'.	e and depths of any oil or gas zones underlying or overlying the proposed e in this area:	give plugging detail, i.e. sacks of cement or plug(s) used.	aver been perforated in any other zone(s)? List all such perforated			t purpose was the well originally drilled?	XYes	Additional Data	ping/Casing Seal (if applicable):		5 ½" Hudson Lock set packer Nickle Plated	Lining Material:

There are no known producing zones below the Devonian within the area of review.

Side 1		INJECTION WELL DATA	LL DATA SHEET			
OPERATOR:	Chevror	Chevron U.S.A., Inc.				
WELL NAME & NUMBER:		Vacuum Grayburg San Andres Unit #134W	134W			
WELL LOCATION:	FOOTAGE LOCATION	WL K ON UNIT LETTER		SECTION	18S TOWNSHIP	34E RANGE
WELL	WELLBORE SCHEMATIC			WELL CONSTA	WELL CONSTRUCTION DATA Surface Casing	
		Но	Hole Size:12.25"		Casing Size: 8	8.625"
		Cer	Cemented with:938	SX.	or	ft³
		Top	Top of Cement:Surface		Method Determined: _Circulation_	_Circulation_
				Intermediate Casing	Casing	
	····	Но	Hole Size:		Casing Size:	
		Cer	Cemented with:	SX.	or	ft³
	Posson Substitute	Top	Top of Cement:		Method Determined:	
				Production Casing	asing	
		Но	Hole Size:7.625"_		Casing Size:5	5.5"
		Сег	Cemented with:771	SX.	OF	ft <sup>3</sup>
		Top	Top of Cement: Surface _		Method Determined: _Circulation	_Circulation
		То	Total Depth:4,700'			
				Injection Interval	erval	
			4,217	feet to	to4,420	feet
			Well has t	278 holes been completed v	278 holes Well has been completed with perforations.	
					-	

Tub	Tubing Size:	2 7/8" Lining Material: Duolined
Тур	Type of Packer:	5 1/2" Hudson Lock set packer Nickle Plated
Pac	Packer Setting Depth:	~4153'
Oth	er Type of Tubing	Other Type of Tubing/Casing Seal (if applicable):
		Additional Data
<del></del>	Is this a new wel	Is this a new well drilled for injection?  X Yes No
	If no, for what p	If no, for what purpose was the well originally drilled?
2.	Name of the Injection Formation:	Grayburg San Andres
$\dot{\omega}$	Name of Field of	Name of Field or Pool (if applicable): Vacuum
4,	Has the well eve intervals and giv	Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.
	No	
5	Give the name and depths injection zone in this area:	of any oil or gas zones underlying or overlying the propos

There are no known producing zones below the Devonian within the area of review.

Wolfcamp – 9260', Upper Penn – 10,200', Atoka – 10690', Strawn – 10935', Morrow – 11050', Mississippian – 11550', Woodford – 12000'.

Underlying: | Grayburg - 4030', San Andres - 4345', Glorieta - 5865', Blinebry - 6285', Drinkard - 7480', Abo - 7925', Grayburg - 4030', San Andres - 4345', Glorieta - 5865', Blinebry - 6285', Drinkard - 7480', Abo - 7925', Grayburg - 4030', Strawn - 10935', Morrow - 11050',

& NI FION FION FION FINE:	TER ize: 14.75" ited with: 385	1 18S SECTION TOWNSHIP  WELL CONSTRUCTION DATA Surface Casing  Casing Size: 11.75  sx. or ft
Surface Size: Depth: Sxs Cm		WELL CONSTRUCE Surface Casing Casing
	Su	<i>or</i> Meth
Production Casing Size: 5 1/2" Depth 5200	Hole Size: 11"	Casing Size: 8.625"
Hole Size: 7778"	Cemented with: _960	SX. OT
	Top of Cement:Surface_	Method Determined: Circulation
	Hole Size: 7 875"	Production Casing  Casing Size:
Packer @ 4000	Cemented with: 935	SX. 07
Perfs @ 4200:5000	Top of Cement:Surface_	Method Determined: _Circulation
	Total Depth: _5200'	
		Injection Interval
-	3902	feet to 5000

	ò	4.	ب	2.		,		0t	Pac	Tyı	Tul
Yates – 2800', Grayburg – 3990', San Andres – 4255', Glorieta – 5820', Blinebry – 6300', Drinkard – 7500', Abo – 7900', Wolfcamp – 9350', Canyon – 10,540', Strawn – 10,750', Atoka – 10,880', Morrow – 11,160', Mississippian 11,300', Woodford – 12,000'	5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:	4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) usedNONO	3. Name of Field or Pool (if applicable): Vacuum	2. Name of the Injection Formation: Grayburg San Andres	If no, for what purpose was the well originally drilled?	1. Is this a new well drilled for injection? X Yes No	Additional Data	Other Type of Tubing/Casing Seal (if applicable):	Packer Setting Depth:~4000'	Type of Packer:10K Arrow Set 1X packer with on-off tool; nickel-plated	Tubing Size:2 3/8"Lining Material: _Fiberglass
5 -											

There are no known producing zones below the Devonian within the area of review

	Perfs @ 4200:5000	Packer @ 4000					Sxs Cmt 935 Hole Size: 77/8"	Ga	ze nt	Size: 8 5/8"  Depth: 2800	Hole Size: 14 3/4"	Size 11 3/4"  Depth 350:  Sxs Cmt: 385	WELLBORE SCHEMATIC	WELL LOCATION: 634' FNL 1632' FEL FOOTAGE LOCATION	WELL NAME & NUMBER:Vacu	OPERATOR:Chevr
3902 feet to 5000 feet	Total Depth: _5200'	Top of Cement:Surface Method Determined: _Circulation _	Cemented with: 935 sx. or ft <sup>3</sup>	Hole Size: 7.875" Casing Size: 5.5"	Production Casing	Top of Cement:Surface Method Determined: Circulation	Cemented with: 960 sx. or ft <sup>3</sup>	Hole Size: 11" Casing Size: 8.625"	Intermediate Casing	Top of Cement:Surface Method Determined: _Circulation_	Cemented with: 385 sx. or ft <sup>3</sup>	Hole Size: 14.75" Casing Size: 11.75"	WELL CONSTRUCTION DATA Surface Casing	FEL B 1 18S 34E TION UNIT LETTER SECTION TOWNSHIP RANGE	Vacuum Grayburg San Andres Unit 439	Chevron U.S.A., Inc.

	intervals and give prugging detail, i.e. sacks of centent of prug(s) used.	
ă. NO	Has the well ever been perforated in any other zone(s)? List all such perforated	4.
	Name of Field or Pool (if applicable): Vacuum	$\omega$
	Name of the Injection Formation: Grayburg San Andres	2.
	II no, for what purpose was the well originally difficult	
0	Is this a new well drilled for injection?  X Yes No	,
	Additional Data	
	Other Type of Tubing/Casing Seal (if applicable):	Othe
	Packer Setting Depth:4000'	Pack
	Type of Packer:10K Arrow Set 1X packer with on-off tool; nickel-plated	Тур
	Tubing Size: 2 3/8" Lining Material: Fiberglass	Tub

There are no known producing zones below the Devonian within the area of review

7900', Wolfcamp – 9350', Canyon – 10,540', Strawn – 10,750', Atoka – 10,880', Morrow – 11,160', Mississippian – 11,300', Woodford – 12,000'

Yates - 2800', Grayburg - 3990', San Andres - 4255', Glorieta - 5820', Blinebry - 6300', Drinkard - 7500', Abo -

5

injection zone in this area:

Give the name and depths of any oil or gas zones underlying or overlying the proposed

		Perfs @ 4200:50000	Packer @ 4000						Size: 5 1/2"  Depth. 5200  Sxs Cmt: 934	Hole Size 11"	Size 8 5/8"  Depth 2800	Intermediate Casing	Size 11 3/4"  Depth 350  Sxs Cmt 385	Surface Casing	WELLBORE SCHEMATIC	WELL LOCATION: 100" FNL 1980" FEL FOOTAGE LOCATION	WELL NAME & NUMBER:Vacuum Grayburg S	OPERATOR: Chevron U.S.A., Inc.
3902_		Total Depth: _5200'	Top of Cement:Surface	Cemented with: _935	Hole Size:7.875"		Top of Cement:Surface	Cemented with: _960	Hole Size:11"		Top of Cement:Sur	Cemented with:3	Hole Size:14.75"			UNIT LETTER	Vacuum Grayburg San Andres Unit 440	
feet to	Injection Interval			SX. OF		Production Casing		SX. OF	Ca	Intermediate Casing	Surface Me	385sx. or		Surface Casing	WELL CONST	SECTION T		
to_5000feet	<u>/al</u>		Method Determined: _Circulation _	ft³	Casing Size: _5.5"	ing.	Method Determined: Circulation	ft³	Casing Size:8.625"	ing	Method Determined: _Circulation_	ft <sup>3</sup>	Casing Size:11.75"	09	WELL CONSTRUCTION DATA	18S 34E TOWNSHIP RANGE		

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. NO	
3. Name of Field or Pool (if applicable):Vacuum	
2. Name of the Injection Formation: Grayburg San Andres	
If no, for what purpose was the well originally drilled?	
1. Is this a new well drilled for injection? X_YesNo	
Additional Data	
Other Type of Tubing/Casing Seal (if applicable):	
Packer Setting Depth: ~4000'	
Type of Packer:10K Arrow Set 1X packer with on-off tool; nickel-plated	
Tubing Size: 2 3/8" Lining Material: Fiberglass	

There are no known producing zones below the Devonian within the area of review

Yates – 2800', Grayburg – 3990', San Andres – 4255', Glorieta – 5820', Blinebry – 6300', Drinkard – 7500', Abo – 7900', Wolfcamp – 9350', Canyon – 10,540', Strawn – 10,750', Atoka – 10,880', Morrow – 11,160', Mississippian – 11,300', Woodford – 12,000'

S

injection zone in this area:

Give the name and depths of any oil or gas zones underlying or overlying the proposed

OPERATOR:Chev	Chevron U.S.A., Inc.				
WELL NAME & NUMBER:Vac	Vacuum Grayburg San Andres Unit 441	Unit 441			
WELL LOCATION:170' FNL 710' FWL_		D	1	188	34E
			1		; ; ;
WELLBORE SCHEMATIC			WELL CONSTI	WELL CONSTRUCTION DATA Surface Casing	
Surface Casing Size: 11 3/4" Depth: 350 Sxs Cmt: 385		Hole Size:14.75"		Casing Size:11.75"	
Hole Size 14 3:4"		Cemented with:385	SX. o	or_ft³	
Size. 8.5/8". Depth. 2800		Top of Cement:Surface		Method Determined: _Circulation_	Dirculation_
Hole Size: 11"	Z		Intermediate Casing	asing	
Production Casing Size		Hole Size:11"		Casing Size:8.625"_	
Hole Size 77:8"		Cemented with: _960	SX. or	<b>r</b> ft <sup>3</sup>	
		Top of Cement:Surface	-	Method Determined: Circulation	rculation
			Production Casing	sing	
		Hole Size:7.875"		Casing Size: 5.5"	
Packer @ 4000		Cemented with: _935	SX. 6	orf³	
		Top of Cement:Surface		Method Determined: _Circulation _	Dirculation _
		Total Depth: _5200'			
			Injection Interval	<u>rval</u>	
	***************************************	3902	feet t	to 5000	feet

Tu	Tubing Size:2 3/8" Lining Material: _Fiberglass
Туј	Type of Packer:10K Arrow Set 1X packer with on-off tool; nickel-plated
Pac	Packer Setting Depth:4000'
Otl	Other Type of Tubing/Casing Seal (if applicable):
	Additional Data
÷	Is this a new well drilled for injection?XYesNo
	If no, for what purpose was the well originally drilled?
2	Name of the Injection Formation: Grayburg San Andres
$\dot{\omega}$	Name of Field or Pool (if applicable): Vacuum
4.	Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. NONONONONONO

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

7900', Wolfcamp - 9350', Canyon - 10,540', Strawn - 10,750', Atoka - 10,880', Morrow - 11,160', Mississippian - 11,300', Woodford - 12,000' Yates - 2800', Grayburg - 3990', San Andres - 4255', Glorieta - 5820', Blinebry - 6300', Drinkard - 7500', Abo -

There are no known producing zones below the Devonian within the area of review

		Perfs @ 4200:5000	Packer @ 4000					Sxs Cmt. 935 Hole Size: 77/8"	g	Sxs Cmt <u>960</u> Hole Size: 11"	Size 8.5/8"  Depth: 2800	Hole Size 14 3/4"	Size: 11.3/4"  Depth: 350  Sxs Cmt: 385	WELLBORE SCHEMATIC	WELL LOCATION: 2604.9' FNL & 2085' FEL FOOTAGE LOCATION	WELL NAME & NUMBER:Va	OPERATOR:Che
	10000 and 100000 and 10000	Total Depth:	Top of Cement:	Cemented with:	Hole Size:		Top of Cement:	Cemented with:	Hole Size:		Top of Cement:	Cemented with:	Hole Size:		2085' FEL GUNIT LETTER	Vacuum Grayburg San Andres Unit 131	Chevron U.S.A., Inc.
3902feet to5000	Injection Interval	pth: 5200'	Surface	ed with: 935 sx. or	7.875"	Production Casing	Surface	d with:960sxor	11"	Intermediate Casing	Surface	385sx. or	14.75"	WELL CONSTRUCTION DATA Surface Casing	2 SECTION		
5000feet			Method Determined: _Circulation _	ft <sup>3</sup>	Casing Size: 5.5"	gu.	Method Determined: _Circulation _	ਜ਼ਿੰ	Casing Size: 8.625"	ţα	Method Determined: _Circulation_	. Pt	Casing Size:11.75"	UCTION DATA	18S 34E TOWNSHIP RANGE		

Τυ	Tubing Size:	2 3/8"	Lining Material:	Fiberglass
Туј	pe of Packer:101	Type of Packer:10K Arrow Set 1X packer with on-off tool, nickel-plated	on-off tool, nickel-pla	
Pac	Packer Setting Depth:~4000'	~4000'		
Oth	ner Type of Tubing	Other Type of Tubing/Casing Seal (if applicable):		
		Additio	Additional Data	
<del></del>	Is this a new wel	Is this a new well drilled for injection?	XYes	No
	If no, for what p	If no, for what purpose was the well originally drilled?	y drilled?	
2.	Name of the Injection Formation:		Grayburg San Andres	
ယ	Name of Field o	Name of Field or Pool (if applicable):Vao	Vacuum	
4.	Has the well eve	Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.	r zone(s)? List all suc if cement or plug(s) us	erforated
	NO			
	!			•

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

8240', Wolfcamp - 9630', Canyon - 10,940', Strawn - 11,280', Atoka - 11,650', Morrow - 11,755', Mississippian - 12,000', Woodford - 12,150' Yates - 2900', Grayburg - 4150', San Andres - 4490', Glorieta - 5960', Blunebry - 6400', Drinkard - 7980', Abo -

There are no known producing zones below the Devonian within the area of review

Top of Cement:Surface Sx.  Top of Cement:Surface Production C  Packer @ 4000	Top of Cement:Surface  Packer @ 4000  Perfs @ 4200-5000  Top of Cement:Surface  Production C  Production C  Top of Cemented with:935sx.  Top of Cement:Surface  Injection Interview	OPERATOR:	Chevron U.S.A., Inc.  NUMBER:	TER TER TCement:11.75	SEC	2 18S 34E TION TOWNSHIP RANGE  WELL CONSTRUCTION DATA Surface Casing  Surface Casing  Sx. or _ ft³  Method Determined: _Circulation  Method Determined: _ Circulation  Casing Size: _ 8.625"
## Hole Size:14.75"	Hole Size:14.75"	WELLB	FOOTAGE LOCATION  ORE SCHEMATIC	UNIT LETTER	SECTION  WELL CO  Surface C	TOWN  NSTRUCI  asing
Hole Size:14.75"	Size	Surface Casing			Outlace	631116
Cemented with:385	Cemented with:385	Size Depth:				Casing S
## Packer @ 4000    A 568	### ### ### #### #####################	1.1				1
Intermediate	Intermediate	ediate (				Method D
## 17/6"    Hole Size:11"	## 17/16"    Facker @ 4200-5000   Perfs @ 4200-5000   Production Casing	ze i			Intermediat	Casing
Size   1718	17/6"   Cemented with: 960   sx.	tron Ca		_		Casing Siz
Top of Cement:Surface	Top of Cement:Surface	2 m		1	SX.	or
Hole Size:7.875"	Hole Size:7.875"				e	Method Determined: _Circulation
Hole Size:7.875"	Hole Size:7.875"	i i i i i i i i i i i i i i i i i i i			Production	Casing
Cemented with: 935 sx.  Top of Cement: Surface  Total Depth: 5200'	Cemented with: 935_sx.  Top of Cement: Surface  Total Depth: 5200'  Injection Int			7		Casing Size:
Top of Cement:Surface  Total Depth:5200'	Top of Cement:Surface  Total Depth:5200'  Injection Int			1	SX.	or
Total Depth:	Total Depth:5200'	Packe	m @ 4000		e	Method Determined: _Circulation
	1000   1000 	Perfs @ 45	200-5000	1		
3902 feet to 5000						

Additional Data  1. Is this a new well drilled for injection?  If no, for what purpose was the well originally drilled?  2. Name of the Injection Formation: Grayburg San Andres  3. Name of Field or Pool (if applicable): Vacuum  4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used	Tu Typ Pac	Tubing Size: 2 3/8".  Type of Packer: 10K Arrow S.  Packer Setting Depth: 4000  Other Type of Tubing/Casing S.	Tubing Size: 2 3/8" Lining Material: Fib  Type of Packer: 10K Arrow Set 1X packer with on-off tool, nickel-plated  Packer Setting Depth: 4000"  Other Type of Tubing/Casing Seal (if applicable):	Material: Fiberglass
Is this a new well drilled for injection?  If no, for what purpose was the well originally drilled?  Name of the Injection Formation: Grayburg San Andres  Name of Field or Pool (if applicable): Vacuum  Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.  NO	Oth	er Type of Tubin	Other Type of Tubing/Casing Seal (if applicable):  Additional Data	
Name of the Injection Formation: Grayburg San Andres  Name of Field or Pool (if applicable): Vacuum  Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.  NO	<del></del>	Is this a new we If no, for what p	ell drilled for injection?	X Yes No
Name of the Injection Formation: Grayburg San Andres  Name of Field or Pool (if applicable): Vacuum  Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.  NO		22 220, 201, 772,000	on poor into the invit on Britain annies.	
Name of Field or Pool (if applicable): Vacuum  Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.  NO	2.	Name of the Inju		
Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.  NO	$\dot{m}$	Name of Field o		
	4.	Has the well even intervals and given	er been perforated in any other zone(s) ve plugging detail, i.e. sacks of cement	erforated
		\ \ \ Z	NO N	

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

8240', Wolfcamp – 9630', Canyon – 10,940', Strawn – 11,280', Atoka – 11,650', Morrow – 11,755', Mississippian – 12,000', Woodford – 12,150' Yates - 2900', Grayburg - 4150', San Andres - 4490', Glorieta - 5960', Blunebry - 6400', Drinkard - 7980', Abo -

There are no known producing zones below the Devonian within the area of review

				, V		MAN CONTRACT
Submit 3 Copies To Appropriate District Office District I	State of Energy, Minerals	New Me	· · · • · ·		Form C Revised March 2:	-
<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240	2.10.63,			WELL API NO.		
District II 1301 W. Grand Ave., Artesia, NM 88210	OIL CONSER			30-025-38824 5. Indicate Type		
District III 1000 Rio Brazos Rd., Aztec, NM 87410	1220 South			STATE	Ø FEE □	
<u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505	Santa r	e, NM 87	7303	6. State Oil & B-1306-2	Gas Lease No.	
		PEN OR PL	UG BACK TO A	7. Lease Name	or Unit Agreement N	lame.
1. Type of Well:	Other			Vacuum Gra	yburg San Andres U	nit
Oil Well Gas Well  2. Name of Operator	Other			8. Well No.	127	
Chevron		· · · · · · · · · · · · · · · · · · ·	····			
3. Address of Operator 15 Smith Road Midland, Texas 79	705			9. Pool na Vacuum	me or Wildcat 62180	
4. Well Location						
Unit Letter K :	1980feet from the	South_	line and26	525feet fr	om theWest	_line
Section 1	Township		Range 34-E	NMPM	County Lea	
	10. Elevation (Show) 3992' GL	whether D	R, RKB, RT, GR, etc	.)		
11. Check A	ppropriate Box to Ir	idicate N	ature of Notice,	Report or Othe	r Data	1.00
NOTICE OF 'IN'		. 57	l	SEQUENT RE		
PERFORM REMEDIAL WORK	PLUG AND ABANDON		REMEDIAL WORI	K 🗆	ALTERING CASIN	G []
TEMPORARILY ABANDON	CHANGE PLANS		COMMENCE DRI		PLUG AND ABANDONMENT	
PULL OR ALTER CASING	MULTIPLE COMPLETION		CASING TEST AN CEMENT JOB	iD 🗆		
OTHER:			OTHER:			
<ol> <li>Describe proposed or completed starting any proposed work). SE recompilation.</li> </ol>	operations. (Clearly sta E RULE 1103. For Mu	ite all perti Itiple Com	nent details, and give pletions: Attach we	e pertinent dates, llbore diagram of	including estimated or proposed completion	iate of or
See attached procedure						
·						
I hereby certify that the information a	bove is true and comple	te to the be	st of my knowledge	and belief.		
SIGNATURE P.W. Minchew	0		perations Supervisor		TE_11/7/2002	
Type or print name P.W.M.	nel_		•		none No. 396-41	114
(This space for State use)	<del></del>	·····	<del></del>	ı elebi	none ivo.	
APPPROVED BY	•	TITLE	,	e e e e e e e	DATE	
Conditions of approval, if any:					~ <sup>DA</sup> NOV ' <del>~</del> 8 20	<del>12</del> -

#### Vacuum Grayburg San Andres Unit #127 Plugging Procedure

8 5/8" 24# set @ 1450' Cement circulated
5 1/2" 15.5# set @ 4900' Top of cement @ 2455'
Original perforations 4687' to 4850'
CIBP set @ 4802'- 4807' w/10' cement
CIBP set @ 4683'- 4688'
Cement retainer set @ 4581'- 4586' squeezed with 200 sx Class C cement
Current perforations 4179' to 4568'

- 1.TIH with bit and scraper to top of fish at 3122'. Circulate casing with 10# brine. TOH. 2.TIH with CIBP and set at 3110'. Spot cement plug (40 Sx) from 3110' to 2700'. (Base of salt at 2850'). TOH.
- 3. Pressure casing and test to 500 psi. If necessary TIH with packer and locate casing leaks. Circulate casing with salt gel mud. Squeeze any casing leaks and leave 50' cement plugs across these intervals. If casing tests good, perforate casing at 1500' and attempt to circulate to surface.
- 4. If circulation is achieved pump 400 sx Class C Cement and circulate cement to surface. Displace to 1350' leaving 150' cement plug in casing from 1350' to 1500'. Spot 500' cement plug from 500' to surface (50 sx). Install dry hole marker.
- 5. If circulation is not achieved squeeze 400 sx Class C Cement and displace to 1300'. If cement stays in place run temperature survey and locate top of cement. Spot top plug according to step 4.
- 6. If cement plug at 1300' does not stay in place clear casing and resqueeze. (visit with PWM, DS, and Engineering. Proceed as above.



0.0 - 1450.0° 8 5/8" OD 24.00 // H SURF CSG 0.0 - 1450.0' CEMENT 650 SX, circ. 128 sx 0.0 - 1450.0 11 00 HOLE 4179.0 - 4568.0 PERFS 0.0 - 4900.0° 5 1/2" OD 15.50 //A PROD CSG 4581.0 - 4586.0' RETAINER SQZD 200 5x 2455.0 - 4900.0' CEMENT 1385 SX, TOC by CBL 4683.0 - 4688.0' CIBP 1450.0 - 4900.0' 7.875" OD HOLE 4802.0 - 4807.0' CIBP 10' cement 4687.0 - 4850.0 PERFS KB ELEY: 4016'

> 1980' FSL & 2625' FWL SEC 1, TWN 18-5, RANGE 34-E ELEVATION: 3992' GL COMPLETIOON DATE: 09-09-93

COMPLETION INTERVAL: 4179' - 4568' (GBSA)

TD: 4900'

	~120m			)
	Submit 3 Copies To Appropriate District	State of	New Mexico	Form C-103
	Office District I	Energy, Minerals	and Natural Resources	May 27, 2004
	1625 N. French Dr., Hobbs, NM 88240			WELL API NO.
	District II	OIL CONSERT	VATION DIVISION	30-025-2600 <b>Q</b>
	1301 W. Grand Ave., Artesia, NM 88210 District III	·	h St. Francis Dr.	5. Indicate Type of Lease
	1000 Rio Brazos Rd., Aztec, NM 87410			STATE FEE
	District IY	Santa F	e, NM 87505	6. State Oil & Gas Lease No.
	1220 S. St. Francis Dr., Santa Fe, NM 87505			B-155-1
		CES AND REPORTS O	N WELLS	7. Lease Name or Unit Agreement Name
	(DO NOT USE THIS FORM FOR PROPOS	SALS TO DRILL OR TO DEE	PEN OR PLUG BACK TO A	
	DIFFERENT RESERVOIR. USE "APPLIC PROPOSALS.)	CATION FOR PERMIT" (FOR	M C-101) FOR SUCH	Central Vacuum Unit
		Gas Well 🛛 Other: V	Vater Injection Well	8. Well Number: 140
	2. Name of Operator	<u> </u>	, 6002 113,0001102 11 012	9. OGRID Number
	Chevron USA Inc			y, odlab Hallou
	3. Address of Operator	<del></del>		10. Pool name or Wildcat
	P.O. Box 7139, Midland, Texas 79	708		Vacuum Grayburg San Andres
	4. Well Location	······		
		10 feet from the	South line and	feet from the line
		Township 1	and the state of t	
	Section 36		7S Range 34E hether DR, RKB, RT, GR,	NMPM County Lea
	Burger Contract Contr	3988' GL	nemer DR, RRB, RI, UK,	ec.)
	Pit or Below-grade Tank Application o		<del></del>	A history and a literature
		ر ا	n nearest fresh water well ave	r 1900 Distance from nearest surface water
		Below-Grade Tank: Ve		
	Pit Liner Thickness: mil			Construction Material
	12. Check A	Appropriate Box to In	ndicate Nature of Noti	ce, Report or Other Data
	NOTICE OF IN	TENTION TO	1 6	UDCEOUENT DEPORT OF.
	PERFORM REMEDIAL WORK			UBSEQUENT REPORT OF:  /ORK
	TEMPORARILY ABANDON	CHANGE PLANS	= (	DRILLING OPNS. PANDA
	PULL OR ALTER CASING	MULTIPLE COMPL	CASING/CEN	
	TOLE ON ALTEN GAGING	MOETH LE COM L	U ONOMO/OEM	LINI SOD
	OTHER:		OTHER:	
				, and give pertinent dates, including estimated date
		ork). SEE RULE 1103.	For Multiple Completions:	Attach wellbore diagram of proposed completion
	or recompletion.			
	<ol> <li>Notify NMOCD</li> </ol>	24 hrs. prior to M	II&RU.	
	2. Set CIBP @ 4,21	10' (San Andres p	erfs 4,260;-4,702"	) <b>.</b>
	-	•		top of CIBP). WOC Tag.
	4. Displace hole w	_	· · · · · · · · · · · · · · · · · · ·	• •
	•	* * * •	•	l.
	5. Spot 30sx plug 2	=	·	
	6. Spot 30sx plug 1	,550'-1,350' (T.s	alt).	
	7. Spot 35sx plug 4			WOC Tag.
	8. Install dry hole r		, , , , , , , , , , , , , , , , , , , ,	
	6. Histan dry noie i	THE	IL CONSERVATIO	N DRACION MICT
		DEM	ATIETE ALUAND	O DOIGO TO THE PROPERTY OF THE
			OTIFIED 24 HOUR	
	The second secon	HEGIN	INING OF PLUGGI	NG OPERATIONS.
	orade tank has been/will be constructed or	above is true and comple	guidelines $\square$ , a general nerm	edge and belief. I further certify that any pit or below- t  or an (attached) alternative OCD-approved plan .
	10	,	garante Ca, a garante partico	. Es es an (accesso) acce mante of D-approved plan [].
	SIGNATURE M. GUT)	uk)	TITLE_Agent	DATE_12/1/2005
		·	••	
	Type or print name M. Lee Roark	E-mail a	address:	Telephone No. (432) 561-8600
	For State Use Only	100		
	APPROVED BY: Taul	(1) in B	TITLE	Ps & Tree
	Conditions of Approval (if any):		OC FIELD REPRESENTA	TIVE ILISTAFE MANAGER
13	Tomorio or repprovat (it any).		oc field representa	THE HATTAL TO A MARKE
**				DEC 0 6 2005

**PLUGGING & ABANDONMENT WORKSHEET** (4 STRING CSNG) OPERATOR Chevron USA INC LEASENAME Central Vacuum Unit WELL 140 SECT TWN 175 RNG 34E **FROM** 10 MYS L 2571 WW L FORMATION @ TD SAN Andres TD: 4800' PBTD: FORMATION @ PBTD SIZE SET @ TOC TOC DETERMINED BY 13 3/8" SURFACE 13 3/8 4 365' Circulated Sefore INTMED 1 1450' 95/8" Surface Circulated TOC -Surface INTMED 2 7" 2,740 Surface Circulated PROD 4 1/2" 4,800 Surface Circulater SIZE TOP BOT TOC DETERMINED BY LINER 1 LINER 2 MLF CUT & PULL @ TOP - BOTTOM INTMED 1 PERFS 1260' - 4702' INTMED 2 OFERROD PROD \* REQUIRED PLUGS DISTRICT I UNTLER (ANHYD) PLUG TYPE **BACKS** DEPTH YATE PLUG CMNT QUEEN EXAMPLES MLF DALUEYARD PLUG#1 OH 25 SXS 9850 ANDRES PLUD # 2 SHOE 50 SXS 8700'-8800 PLUG 43 CIBP/35' 5300 APTIAN REEP MUQ#3 CIBP 25 SXS 5300 - Surface PLUG# 4 STUB 50 SXS 4600'-4700' RETNR SQZ MANARE LUQ#7 200 SXS 400 BELL CARTON SURF 10 SXS 0-10 CEERRY CANTON S. Anches CIBP 4,210' BRUSELY CANYON S. Andres 255x 4.210-4065 MLF ROBOZ SPROMO 30sx PLUG #3 B. Salt 2840-2640 T. Salt 30sx PLUG#4 1,550:1,350 1378"3 35xx OLORIDA PLUC 4 5 465-501 face FLUG 6 6 TUBB PLUG # 7 DRINGLARD PLUG# 8 ABO TUG # 9 FLUG # 10 PLUG# PERON PLUGS STRAWN PLUG# ATOKA PLUG# SOUTHOWN TD 4800 XEVOREAM

TOC: Hate State: DV Tool: Created: Updated: Leage: Surface Location: See emit. Size: Lower San Andres Upper San Andres Hote Size: Sta Crit Hote Stre Current Status: Directions to Wellsite: bross / Med fiatio Utddie of Perforations: erforations: tote Size reduction Cea mormodiate Csg. mermediate Cas. Bottomhole Location: 429203 8277203 Central Vacuum Unit 10 FSL & 2871 FWL Senne 4455, 54, 69, 79, 83, 89, 93, 4504, 69, 12, 22, 28, 35, 40, 75, 51, 94, 89, 4810, 14, 19, 30, 34, 42, 48, 53, 90, 67, 77, 84, 91, 90, 4702. 4260°-4702° 4260, 63, 68, 73, 82, 69, 4304, 09, 18, 24, 30, 36, 54, 66 Buckeys, New Maxico Active Water Injection Wel 2286655 5 OF NE 77 Glan And Unit Ltr.
Unit Ltr.
St Laser: St. TD 4,800 ft PBTD 4,784 ft WELL BORE DIAGRAM 8-155-1 3988' GL 30-025-26000 Field: Vecuum Grayburg San Andres
36 TSHP/Range: 175-34E
TSHP/Range: KB: 1988

DF:
GL: 3,988

Original Spud Date: 1215/1978

Original Compt. Date: 277/1979

KB: 19 a Tubing - MORING berford Packer Cost Center: TEPI: MVP: BCT494500 12 OFFICE OF THE CONTROL OF T

38

# New Mexico Office of the State Engineer Well Reports and Downloads

and the second s	and the second	Clear Form	WATERS Menu	Help	
We	ell / Surface Data Repo	ort Av	g Depth to Water Repo	ort Water C	olumn Report
			All		
Owner	Name: (First)	(La	ast)	Non-Domestic	Domestic
County	/: LE	Basin:	Num	iber: Suffi	<b>x:</b>
	NAD27 X:	Y:	Zone:	Search Radius:	
	Township: 178	Range: 34E	Sections: 36		

### AVERAGE DEPTH OF WATER REPORT 12/01/2005

								(Depth	water in	Feet)
Bsn	Tws	Rng	Sec	Zone	x	Y	Wells	Min	Max	Avg
L	178	34E	36				2	102	105	104

Record Count: 2

Submit 3 Copies To Appropriate District	Con CNI N			
Office	State of New M			Form C-103
District I	Energy, Minerals and Nat	ural Resources	WELL THEN	Revised March 25, 1999
1625 N. French Dr., Hobbs, NM 88240 District II	AV A		WELL API NO.	25121
1301 W. Grand Avenue, Artesia, NM 88210	OIL CONSERVATION		30-025- 5. Indicate Type	
District III	1220 South St. Fr	ancis Dr.	STATE STATE	_
1000 Rio Brazos Rd., Aztec, NM 87410 District IV	Santa Fe, NM 8	37505		
1220 S. St. Francis Dr., Santa Fe, NM 87505	,		6. State Oil & (	4
SUNDRY NOTICE	ES AND REPORTS ON WELL	\$	B-3936-	r Unit Agreement Name:
(DO NOT USE THIS FORM FOR PROPOSA DIFFERENT RESERVOIR, USE "APPLICA	LS TO DRILL OR TO DEEPEN OR P	LUG BACK TO A		AA State NCT-4
PROPOSALS.)	(1014)	· ok soen	New Mexico	A State NC1-4
1. Type of Well:	) of CMD			
Oil Well Gas Well Gas Well	Other SWD	····	8. Well No.	
2. Name of Operator Chevron U	SA, Inc.		8. Well No. 4	ĺ
3. Address of Operator			9. Pool name o	r-Wildcat
•	Rd. Midland Tx 7970	5	Vacum ABO R	
4. Well Location				
		. •		
Unit Letter A ::	919 feet from the <u>no</u>	rth line and	401 feet from	m the <u>east</u> line
Section 10	Township 18-S	Range 34-E	NATRA	Court. Tea
O0011011	10. Elevation (Show whether		NMPM	County Lea
	10. Elevation (Snow whether	υκ, κλ <b>Β</b> , Κ1, GK, e	nc.)	
11 Check An	propriate Box to Indicate 1	Vature of Notice	Report or Other	Data
NOTICE OF INT	~ *		•	
PERFORM REMEDIAL WORK		REMEDIAL WOR	SEQUENT RE	ALTERING CASING
FERFURIN REMEDIAL WURK	LEGG WIND VEWINDOW [X]	REMEDIAL WOR	,,	ALIERING CASING
TEMPORARILY ABANDON	CHANGE PLANS	COMMENCE DR	RILLING OPNS.	PLUG AND ABANDONMENT
	MULTIPLE COMPLETION	CASING TEST A	ND	
OTHER:	П	OTHER:		
12. Describe proposed or complet	ed operations. (Clearly state a		nd give nertinent data	es including estimated date
of starting any proposed work).				
or recompilation.				
1. Notify OCD 24hrs price	or to MI & RU			
2. Set 5 1/2 CIBP @ 5000	),spot 25sx plug 5000	-4800(San And	res) WOC Tag.	
3. Displace hole w/MLF,				
4. Spot 25sx plug 4100~3	3900(Oueen)	·		
5. Spot 25sx plug 3000-2	2800(B-salt) WOC Tag.			
6. Spot 25sx plug 3000-2	1675(8 5/8 shoe T-sal	t)WOC Tag.		•
7. Spot 30sx plug 300-st	urf(surf)WOC Tag.	-,3.		Ţ
8. Install dry hole mark	cer.			<b>U</b>
o. madati diy note matr	TO TV (100	to see a company of	on a constant	•
	i varianti di salah		7	
	F		- <b>1</b>	
	13 82 47 10.0	٠٠. ال	, u uu	
	, ,			-
I hereby certify that the information	above is true and complete to the	e hest of my knowled	dge and helief	········
/ nercoy certify that the information	_		_	
SIGNATURE / ). ( ) Lesh	TITLE	HESSpecial	14+	DATE 12/19/2003
Type or print name			Telep	hone No.
(This space for State use)			* ***	15.77.19
			•	DED to the comme
APPPROVED BY	1			DATE
Conditions of approval, if any:	SARY W. S	$r \sim c$		=
	OC FIELD K	EPRESENTATIVE II	STAFF MANAGER	<b>C</b>

PLUGGING & ALENDONMENT WORKSHEET (2 STRING CSNG) CHEULON USA THE. OPERATOR LEASE NAME NEW MEXICO "AA" STATE NCT-4 WELL# 4 TWN 18-5 SECT 10 RNG 34-E FROM 919 (NSL 401 **E**W L 4050 TD FORMATION @ TD ABO MLF FORMATION @ PBTD SAN ANDRES **PBTD** TOC SIZE SET @ 85/8 TOC DETERMINED 1823 SURFACE 85/8 CIEC 1823 Suef INTMED 1 8/91 TOC SURF INTMED 2 PERF & HOLES MLF **PROD** 51/2 9050 T. 5 2400 @1850, ciec cm To SULF W/ 550 SX DETERMIN SIZE TOP BOT TOC 515 x 85/8 csqs EO BY LINER 1 LINER 2 TOP - BOTTOM **CUT & PULL** 2400 TOC -INTMED 1 **PERFS** 5055 - 5520 INTMED 2 **OPENHOLE** PROD CIBP W/35'CMT REQUIRED PLUGS DISTRICT **C6000** TYPE PLUG CEMENT RUSTLER (ANHYD) 5000 CIBP 25 YATES 4100 DUEEN <u>as</u> a QUEEN 3000 B-SALT 25 GRAYBURG 1875 85/8 S 25 SAN ANDRES 30 SURF 300 CAPITAN REEF DELAWARE BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING GLORIETA BLINBRY TURR DRIMKARD ABO PENN STRAVN ATOKA MORROW TD 9050 MISS DEVONIAN

CONTRACTOR DESCRIPTION

**PLUGGING & ABANDONMENT WORKSHEET** (1 STRING CSNG) **OPERATOR** EXPLORATION & PRODUCTION TEXACO LEASENAME 17/2 HOLE WELL 185 RNG 34E 133/8 @1504 SECT TWN **FROM** N/S L 760 EWL 560 N Toc siec FORMATION @ TD Vacuum TD: 10191 FORMATION @ PBTD Glosier PBTD: SIZE TOC SET @ TOC DETERMINED BY 1234 HOLE SURFACE 133/9 1504 SULF CIEC 95/8 95/8 INTMED 1 4788 SURF Ciec C4788 INTMED 2 27/9 10.191 SULF Ciec Toc Ciec PROD 27/8 10 215 SURF CiEC SIZE TOP BOT TOC DETERMINED B 27/8 9473 LINER 1 SURE ciec LINER 2 CUT & PULL @ TOP - BOTTOM INTMED 1 PERFS INTMED 2 OPENHOLE PROD · REQUIRED PLUGS DISTRICT I PLUG TYPE SACKS DEPTH PLUG CMNT YATES EXAMPLES QUEEN BAYBURO PLUG #1 35 SXS 1750 Off PLUG#2 ENOE 50 SXS 300'-400' 10 SXS 0.10 THOUS S SURF 6075 - SULA GIOCIOTA CIBP 6075 CAPITAN REEF (b/ac) 574 6075 - SIRF MU0#2 CIBP 6075 6075 6075-SULF BlOCETA BLAWARE 200055 CIBP PLU0#4 CHERRY CULYON PLUG 5 5 REFERENCE CANNON MARING & NOTE SPECIA PLUG 87 MIN AR rwes, E CRIECTA 27/8 C59 ELDERRY PLUG# M 3 STEILGS MUO# @ 10,191 DEDOCARD FLUO# ABO 10,215 9473' PEDOX 83/4" HOLE HEAVE ATOKA CEROW TD 10,191 MADROVE

فهائل الناوا

٠	Subfait 3 Copies To Appropriate District Office	State of New Mexico	Form C-103 May 27, 2004
	District 1 1625 N. French Dr., Hobbs, NM 88240	Energy, Minerals and Natural Resources	WELL API NO.
	District II 1301 W. Grand Ave., Artesia, NM 88210	OIL CONSERVATION DIVISION	30-025-20494
	District III	1220 South St. Francis Dr.	5. Indicate Type of Lease
	1000 Rio Brazos Rd., Aztec, NM 87410 District IV	Santa Fe, NM 87505	STATE FEE 6. State Oil & Gas Lease No.
	1220 S. St. Francis Dr., Santa Fe, NM 87505		B-1082-2
		AND REPORTS ON WELLS O DRILL OR TO DEEPEN OR PLUG BACK TO A	7. Lease Name or Unit Agreement Name
	DIFFERENT RESERVOIR. USE "APPLICATION		New Mexico M State
	PROPOSALS.)  1. Type of Well: Oil Well  Gas W	/ell ☐ Other:	8. Well Number: 7
	2. Name of Operator	Veti U Ouler.	9. OGRID Number
	Chevron USA Inc		J. GOLD MAINE
	3. Address of Operator		10. Pool name or Wildcat
	P.O. Box 7139, Midland, Texas 79708		Vacuum (Drinkard)
	4. Well Location	W free from the New York Nove and 10	00 5 5 5 3
	Unit Letter F: 180 Section 1	00 feet from the North line and 19 Township 18S Range 34E	
		Township 18S Range 34E Elevation (Show whether DR, RKB, RT, GR, etc.)	NMPM County Lea
	401	O' DF	
	Pit or Below-grade Tank Application Cor Closu	<del></del>	
	Pit type_STEELDepth to Groundwater_	107_Distance from nearest fresh water well_over 1000_	Distance from nearest surface water
	Pit Liner Thickness: mil B	elow-Grade Tank: Volume bbls; Co	nstruction Material
	12. Check Appro	priate Box to Indicate Nature of Notice,	Report or Other Data
	NOTICE OF INTEN	TION TO: SUB	SEQUENT REPORT OF:
	<del></del>	IG AND ABANDON 🖾 REMEDIAL WORI	
	<del></del>	ANGE PLANS COMMENCE DRI	
	PULL OR ALTER CASING   MUI	TIPLE COMPL CASING/CEMENT	JOB []
	OTHER:	OTHER:	
	13. Describe proposed or completed of	perations. (Clearly state all pertinent details, and	give pertinent dates, including estimated date
	of starting any proposed work). So or recompletion.	EE RULE 1103. For Multiple Completions. At	CHSERVATION DIVISION MUST"
	1. Notify NMOCD 24 hrs. pri		TED 24 HOURS PRIOR TO THE
	2. Set CIBP in "X" string @ 7	<del></del>	G OF PLUGGING OPERATIONS.
	3. Set CIBP in "Y" string @ 7	,500' (Drinkard perfs).	d of 1 bodding of bissilenes.
		ig @ 5,915' (Glorieta CIBP and cement).	
		ng from 5,915'-1,700' (B. salt, Yates, San And	
		ng from 7,500'-1,700' (B. salt, Yates, San Anng from 7,325'-1,700' (B. salt, Yates, San An	
		2-7/8" string (X,Y,Z-total 5,100')	arcs, 9-5/6 since, Olonicia) woc rag.
		-1,400' (stub, T. salt, 13-3/8" shoe) WOC Tag	S. Carolina Control
	10. Displace hole w/MLF, 9.5		
	11. Spot 20sx plug from 50'-s	urface' (surface) WOC Tag.	E 4 8 3 8
	12. Install dry hole marker.	for 2 7/9" tribing atming identification	dres,9-5/8" shoe,Glorieta) WOC Tag.
	NOTE: See attached schematic	o for 2-7/8" tubing string identification.	A N
			Con the second
	I hereby certify that the information above	is true and complete to the best of my knowledge	and belief. I further certify that any pit or below-
	grade tank has been/will be constructed or closed	according to NMOCD guidelines 🔲, a general permit 🗍	or an (attached) alternative OCD-approved plan
	SIGNATURE 4 La Rosak	TITLE Agent	DATE 12/9/2005
	DIGITAL TOTAL TOTAL	TITE VRem	DATE_12/8/2005
	Type or print name M. Lee Roark	E-mail address:	Telephone No. (432) 561-8600
	For State Use Only	- OC DISTRICT SCHOOL OF	DEC 1 1 and
	APPROVED BY:	TITLE	DEC 1 4 2005
VENEZ	Conditions of Approval (if any):		DAIL

PLUGGING & ABANDONMENT WORKSHEET O STWING CONG **OPERATOR** CHEVRON USA Inc. LEASENAME New Mexico M S 185 **SECT** TWN RNG 1800 N/8 L 1980 BW L FROM 12,220 TD: FORWATION @ TO Levonian FORMATION @ PBTD Wolfgrap PBTD: 10.344 MLF BETO TOC TOC DETERMINED BY SURFACE INTMED 1 95/8 4.85 200' Temo. Svy. 1730 Temo. SVY Prod. Y **TO** 2937 Temp. Syy. CUT & PULL @ TOP - BOTTOM 1.700 PERFE <del>crodic</del>le いいということのないのということのできる 1.700 PREQUIRED PLUGS DISTRICT! TO THE PARTY OF TH FLUG TYPE BACKS DEPTH WILLIAM WELTER CANT THE RES 35 SSS OH 6400 surface squeeze RAYNUMO won 3350°-5450° SØ 5253 LD2(1) SHOE ANI ANEXES ruof: CIEPYS5' CIPP 25 EXT APPENDING MADE up a STUB 30 EXCS 3600'-5700' PRESENCE RECE 200 533 LUD41 400 10 818 CIBP 7.325 PLANS AS CIBP 7,500 TAND 63 Z PLU041 1053x 6915-1700 7500-1700 45sx NAMA 4 PLEIDO S 140sx 7325'-1700 705x 1700:1400 Stub 13 % sho 110011 X - perfs 7,372'- 7,375' 203x 50'- BUT TORR LUUDEE 4 . perts 7,530' - 7,588' 14 8 COLUP TLDD 0 Z-Abandoned LIDE TRATE TD 1220 \* B. salt, Yates, San Andres, 95/8"s hoe

Glorieta

44.

CURREN

Created: 12/22/2003 By: SMG/MCD Updated: New Mexico M State Well No: Field: VacuumDrinkard Surface Location: 1800' FNL & 1980' FWL Unit Ltr: F TSHP/Range: 18S-34E **Bottomhole Location:** Same Unit Ltr: Sec: TSHP/Range: County: B-1080-2 API: 30-025-20494 Cost Center: UCT494400 Lea St: NM **Current Status:** Active Oil Well 4010' DF Elevation: Buckeye, New Mexico Directions to Wellsite: KB: 4011' Surface Casing 13 3/8" 54.5# Size: Wt.: GL: 3994' 400 464 Set @: Original Spud Date: 7/26/1963 1513 1100 Sxs cmt: Original Compl. Date: 9/15/1963 Circ: Yes Recompletion Compl. Date: 5/1/1993 TOC: Surface 17 1/2" Hole Size: Date: 4/08/03 Tubing Detail Intermediate Casing # Jts. Size Footage Size: 9 5/8 2 7/8" J55 10 V bare cl. "B" Wt.: 40# 2 3/8" J55 bare d. "8" Set @: 4805 4 1/2" x 2 3/8" Baker type TAC Sxs Cmt: 1700 2 3/8" J55 bare cl. 'B' Circ: 2 3/8" S/N TOC: Pump int 12 1/4 Hole Size: Perf sub FOT 0.00 **Total Depth:** 12220' Rod Detail Date: ✓ X String (Wolfcamp) # Rods Size Footage Size: 2 7/8" 1-1/2" X 26' POR WL: 6.4#, J-55 1" Grade D cl 'B' bare pony rods Set @: 10232 1" Grade D al B' bare roda TOC: 1730 7/8" Grade D cl 'B' bare rods CIBP: 9895' (capped w/35' cmt) 3/4" Grade D ci 18' bare rods X String PBTD: 1-1/2" of 'B' bare sinker bars 2.0" X 1.25" HHBC Y String (Drinkard) 1-1/4" Gas Anchor 2 7/8" 6.4#, J-55 Size: Wt.: 10198 0.00 Set @: TOC: 1730 CIBP: 7930' (capped w/35' cmt) Pump Detail Date: Y String PBTD: 7895 Barret: Z String (Giorieta) Pump: Total Fit 2 7/8" Size: 6.4#, J-55 Wt.: 7937 Set @: TOC: 1730 CIBP 6100 5950' (capped w/35' cmt) CIBP: Z. String PBTD: 5915 TD: 12220 Combined sacks of cement for 2087 X, Y, Z strings: Report filed 6/19/93 shows CIBP set @ 7,400: Perforations 7372'-7375 w/ 2 SPF (8 holes) vent string for Drinkard string (7/8/95) 9967'-9970'; 9977'-9979'; 9992-9994' All Perfs Plugged Back X String (Wolfcamp) 9967'-9970'; 9977'-9979'; 9992-9994' 10041'-10043' All Perfs Plugged Back 7530'-7588', (2 JSPF; 52 perf ft-104 holes) 7606'-7666', (2 JSPF; 49 perf ft-98 Holes) Y String (Drinkard) All Perfs Plugged Back Z String (Glorieta) 6283'-6418' (SPI; 31 int, 62 shots) Remarks:



NM\_M\_State\_\_7[1]

12/2/2005



# New Mexico Office of the State Engineer Well Reports and Downloads

Townsh	hip: 18	S Range:	34E Section	ns: 1			
NAD27	<b>X</b> :	<b>Y</b> :	Zone:	and the second	Search Radius	<b>:</b> ·	
County: LE		Basin:		Numbe	er: Si	uffix:	
Owner Name: (First)			(Last)		Non-Domestic	O Domestic	All

### AVERAGE DEPTH OF WATER REPORT 12/08/2005

### Description | Company | Company

Record Count: 5



,	plug 9120'-490  RU Blinebry St plug 9975'-490  Cut 3 Csg stri  Spot 90 Sx plu  Displace hole  Spot 90 Sx plu  Spot 90 Sx plu  Perf 9 5/8" Cs shoe, T-Salt)  10 Sx Surface,  Type or print name  (This space for State use)	00' (Wolfcamp-A.ngs @ 4900' L/ ng 4900'-4700' w/MLF, 9.5# Br ng 3600'-3400'(ng 2900'-2700' ng w/6 holes @ WOC Tag Install Dry ho	/2" CIBI BO) WOC D Csgs (9 5/8" ine w/25 Queen) (Yates-H 1620', S ole mar) mplete to the	Tag shoe) WOC Ta 5# gel P/BBL 3-Salt) Gqz 150 Sx pl cer. best of my knowledge	The Converse House House PRIOR IS PRIOR IS PRIOR IS PRIOR IS PRIOR IS TO BE APPROVED A PROVED A PROVENIENT A PROVE	DEMOST BE NOTHER O THE BEGINNING RATIONS FOR THE C O.
,	plug 9120'-490  RU Blinebry St plug 9975'-490  Cut 3 Csg stri Spot 90 Sx plu  Displace hole Spot 90 Sx plu  Spot 90 Sx plu  Perf 9 5/8" Cs shoe, T-Salt)  I hereby certify that the inform SIGNATURE  Type or print name	00' (Wolfcamp-A.ngs @ 4900' L/ ng 4900'-4700' w/MLF, 9.5# Br ng 3600'-3400'(ng 2900'-2700' ng w/6 holes @ WOC Tag Install Dry ho	/2" CIBI BO) WOC D Csgs (9 5/8" ine w/25 Queen) (Yates-H 1620', S ole mark	Tag shoe) WOC Ta 5# gel P/BBL 3-Salt) Gqz 150 Sx pl cer. best of my knowledge	THE COMMOSIC HOURS PRIOR I BLUCKING OPE TO BE APPROVED and 16201-10	DAMEST BE NOTHER TO THE BEGINNING RATIONS FOR THE CO.  BOO' (13 3/8"  DATE 3/29/0)
,	plug 9120'-490  RU Blinebry St plug 9975'-490  Cut 3 Csg stri  Spot 90 Sx plu  Displace hole  Spot 90 Sx plu  Spot 90 Sx plu  Perf 9 5/8" Cs shoe, T-Salt)  I hereby certify that the inform	00' (Wolfcamp-A.ngs @ 4900' L/ ng 4900'-4700' w/MLF, 9.5# Br ng 3600'-3400'(ng 2900'-2700' ng w/6 holes @ WOC Tag Install Dry ho	/2" CIBI BO) WOC D Csgs (9 5/8" ine w/25 Queen) (Yates-H 1620', S ole mark	Tag shoe) WOC Ta 5# gel P/BBL 3-Salt) Gqz 150 Sx pl cer. best of my knowledge	THE COMMOSIC HOURS PRIOR I BLUCKING OPE TO BE APPROVED and 16201-10	DAMEST BE NOTHER TO THE BEGINNING RATIONS FOR THE CO.  BOO' (13 3/8"  DATE 3/29/0)
,	plug 9120'-490  RU Blinebry St plug 9975'-490  Cut 3 Csg stri  Spot 90 Sx plu  Displace hole  Spot 90 Sx plu  Spot 90 Sx plu  Spot 90 Sx plu  Perf 9 5/8" Cs shoe, T-Salt)  I hereby certify that the inform	00' (Wolfcamp-A.ngs @ 4900' L/ ng 4900'-4700' w/MLF, 9.5# Br ng 3600'-3400'( ng 2900'-2700' ng w/6 holes @ WOC Tag Install Dry he	/2" CIBI BO) WOC D Csgs (9 5/8" ine w/25 Queen) (Yates-I 1620', so	Tag shoe) WOC Ta 5# gel P/BBL 3-Salt) Gqz 150 Sx pl cer. best of my knowledge	THE COMMOSTOR THE PROPERTY OF THE APPROVED TO BE APPROVED AND 16201-12	PRIMITE BEGINNING RATIONS FOR THE CO. 300' (13 3/8"
,	plug 9120'-490 RU Blinebry St plug 9975'-490 Cut 3 Csg stri Spot 90 Sx plu Displace hole Spot 90 Sx plu Spot 90 Sx plu Spot 90 Sx plu Perf 9 5/8" Cs shoe, T-Salt) O. 10 Sx Surface,	00' (Wolfcamp-A.ngs @ 4900' L/ ng 4900'-4700' w/MLF, 9.5# Br ng 3600'-3400'( ng 2900'-2700' ng w/6 holes @ WOC Tag Install Dry he	/2" CIBI BO) WOC D Csgs (9 5/8" ine w/25 Queen) (Yates-H 1620', 5	Tag shoe) WOC Ta 5# gel P/BBL 3-Salt) Sqz 150 Sx pl	THE CONVESSION HOUSE HOUSE PRIOR IN BLUGGING OPE TO BE APPROVED	DEMOST BE NOTHER O THE BEGINNING RATIONS FOR THE C O.
,	plug 9120'-490 RU Blinebry St plug 9975'-490 Cut 3 Csg str: Spot 90 Sx plu Displace hole Spot 90 Sx plu Spot 90 Sx plu Spot 90 Sx plu Perf 9 5/8" Cs shoe, T-Salt)	00' (Wolfcamp-A.ngs @ 4900' L/ ng 4900'-4700' w/MLF, 9.5# Br ng 3600'-3400'( ng 2900'-2700' ng w/6 holes @ WOC Tag	/2" CIBI BO) WOC D Csgs (9 5/8" ine w/25 Queen) (Yates-E	Tag shoe) WOC Ta 5# gel P/BBL 3-Salt) 5qz 150 Sx pl	THE COMMISSION HOUSE HOUSE PRIOR I BLUGGING OPE TO BE APPROVE	DEMOST BE NOTHER O THE BEGINNING RATIONS FOR THE C O.
,	plug 9120'-490 RU Blinebry St plug 9975'-490 Cut 3 Csg str: Spot 90 Sx plu Displace hole Spot 90 Sx plu Spot 90 Sx plu Spot 90 Sx plu Perf 9 5/8" Cs	00' (Wolfcamp-A.ngs @ 4900' L/.ng 4900'-4700' w/MLF, 9.5# Br.ng 3600'-3400'(ng 2900'-2700' ng w/6 holes @	/2" CIBI BO) WOC D Csgs (9 5/8" ine w/25 Queen) (Yates-F	Tag shoe) WOC Ta 5# gel P/BBL 3-Salt)	THE COMMISSION HOUSE HOUSE PRIOR I BLUGGING OPE TO BE APPROVE	DEMOST BE NOTHER O THE BEGINNING RATIONS FOR THE C O.
,	plug 9120'-490 3. RU Blinebry St plug 9975'-490 4. Cut 3 Csg stri 5. Spot 90 Sx plu 6. Displace hole 7. Spot 90 Sx plu 8. Spot 90 Sx plu	00' (Wolfcamp-A.ngs @ 4900' L/ ngs @ 4900'-4700' w/MLF, 9.5# Br ng 3600'-3400'( ng 2900'-2700'	/2" CIBI BO) WOC D Csgs (9 5/8" ine w/25 Queen) (Yates-F	Tag shoe) WOC Ta 5# gel P/BBL 3-Salt)	THE COMMISSION HOUSE HOUSE PRIOR I BLUGGING OPE TO BE APPROVE	DEMOST BE NOTHER O THE BEGINNING RATIONS FOR THE C O.
	plug 9120'-490 3. RU Blinebry St plug 9975'-490 4. Cut 3 Csg stri 5. Spot 90 Sx plu 6. Displace hole 7. Spot 90 Sx plu	00' (Wolfcamp-A .ngs @ 4900' L/ .ng 4900'-4700' w/MLF, 9.5# Br .ng 3600'-3400'(	/2" CIBI BO) WOC D Csgs (9 5/8" ine w/25 Queen)	Tag shoe) WOC Ta 5# gel P/BBL	THE COMMUSIC HO 185 PRIOR I BLUGGING OPE	DELMUST BLINDTHE O THE BEGINNING RATIONS FOR THE C
	plug 9120'-490 3. RU Blinebry St plug 9975'-490 4. Cut 3 Csg stri 5. Spot 90 Sx plu	00' (Wolfcamp-A .ngs @ 4900' L/ .ng 4900'-4700'	/2" CIBI BO) WOC D Csgs (9 5/8"	Tag shoe) WOC Ta	THE COMMUSIC HO 185 PRIOR I BLUGGING OPE	DELMUST BLINDTHE O THE BEGINNING RATIONS FOR THE C
	plug 9120'-490 3. RU Blinebry St plug 9975'-490 4. Cut 3 Csg str	00' (Wolfcamp-A .ngs @ 4900' L/	/2" CIBI BO) WOC D Csqs	Tag	THE COMMISSION IN	DELMUST BE NOTHER
	plug 9120'-490 3. RU Blinebry St plug 9975'-490	00' (Wolfcamp-A	/2" CIBI BO) WOC	Tag	The Commission	NAUST BENOTHE
	plug 9120'-490 3. RU Blinebry St	ring. Set 3 1	/2" CIBI	P @ 9975', fi	.11 2 1/2 (	Csg w/185 Sx
	plug 9120'-490	===			11 2 1/20 /	
	e. No upo priilidi	00'(Wolfcamp) W	OC Tag	120 , 1111 2	//o usg w	TITU SX
	plug 9900'-49( 2. RU ABO String,	00' (Wolfcamp) Set 2 7/8" C	WOC Tag			
	1. RU Wolfcamp St	ring. Set 2 7	/8" CIBI	P @ 9900', fi	.11 2 7/8"	Csg w/125 Sx
	or recompilation.		-	•	-	
	12. Describe proposed or co- of starting any proposed w					
425	OTHER:	mulated constraints (C)	neh: **** **1	OTHER:	riva naminami data	including actimated
	OTUED:	. 2	<del></del> 1			ï
<b>13</b> 000	PULL OR ALTER CASING	MULTIPLE COMPLETION		CASING TEST AND	' [_]	
						ABANDONMENT
	TEMPORARILY ABANDON	CHANGE PLANS		COMMENCE DRILL	ING OPNS	PLUG AND F
	PERFORM REMEDIAL WORK		ON X	REMEDIAL WORK		ALTERING CASING
		INTENTION TO:	maioaic 14		EQUENT REP	
}	1 Chec	k Appropriate Box to	Indicate N	ature of Notice Da	enort or Other D	ete
		10. Elevation (Sho	whether D	R. RKB. RT. GR. etc.)		31/6/6-1
	Section 36	Township	175 R	inge $34E$	NMPM	County
:	Unit Letter	1874 feet from t	he <u>c) 0411</u>	4 line and $20$	86 feet from	the <u>Fast</u> line
	TO THE DUCATION	ية ميرار <u>.</u>	0.		- 1	and the second s
[	P. O. Box 3109, Well Location	Midland, TX 79	702		Vacuum Wolf	camp-ABO
i	3. Address of Operator				9. Pool name or	
	Texaco Explorat	ion & Productio	n. Inc.		14	
-	Oil Well Gas Well  2. Name of Operator	Other			8. Well No.	
!	1. Type of Well:			•	.c. Mexico	O 1402 - 1
:	DIFFERENT RESERVOIR. USE *AP PROPOSALS )	FLICATION FOR PERMIT" (F	UKM L-101) FC	ì	New Mexico	0 NCT-1
,	IDO NOT USE THIS FORM FOR PRO	POSALS TO DRILL OR TO D	EEPEN OR PLU	JG BACK TO A		
	SUNDRY NO	TICES AND REPORTS	ON WELLS	+ + + + + + + + + + + + + + + + + + + +	B-155-1 Lease Name or	Unit Agreement Nam
	District IV 2040 South Pacheco, Santa Fe, NM 875		1 0, 14141 0 /	6	State Oil & Ga	is Lease No.
	1000 Rio Brazos Rd., Aztec, NM 87410		Fe, NM 87	7505	STATE X	
)	811 South First, Artesia, NM 88210 District III		South Pach		. Indicate Type o	
)	District II	OIL CONSEI	DUATION		30-025-2000	8
)	1625 N. French Dr., Hobbs, NM 88240			rai Resources	WELL API NO.	Revised Water 23. 177
)	District 1	Energy, Minera	us and Natu			- evicen branch /1 /VV
		Energy, Minera	of New Me			Form C-103 Revised March 25, 1999

m? 44.



48.

PLUGGING & ANDONMENT WORKSHEE (1 STRING CSNG) OPERATOR TEYACO EXALORATION & PRODUCTION LEASENAME NEW MEXICO O NCT 是一定的过去式和过去时 WELL # JORG EWL SECT TWN MLF 1874 NSL **FROM** FORMATION @ TD WOLFCAMP TD: 12152 FORMATION @ PBTD ABO PBTD: 11070 و 1570 آمر عالا SIZE TOC TOC DETERMINED BY SET @ SURFACE 133/8 1570 CIEC SURF INTMED 1 95/2 4805 2000 CRL INTMED 2 27/8 10.799 5270 CBL 10, 901 PROD 27/8 5270 95/8 SIZE TOP BOT TOC DETERMINED B LINER 1 31/2 12 152 5270 CBL LINER 2 Toc 2000 CUT & PULL @ TOP - BOTTOM INTMED 1 PERFS 10.331 - 10.336 INTMED 2 OPENHOLE PROD • REQUIRED PLUGS DISTRICT I PLUG SACKS RUSTILER (AVERYD) TYPE DEPTH PLUG CMNT YATES QUEEN EXAMPLES 35 SXS 1750 GRAYBURG PLUG #1 OH SAN ANDRES PLUG 1 1 SHOE 50 SXS 300'-400' 10 SXS 0.10 PLUO#3 SURF PLU0 01 CIBP 125 5x 9900 - 4900 APITAN REEF 110 525 9120-4900 PLU0 # 2 CIBP CIRP 185 SX 19975-4960 PLUD 6 1 BELAWARE 45/2 S 90 SX 4900-4700 PLUGFA MELL CANYON QUEEN 90 SX 3600-3400 CHERRY CANYON PLUC 6 5 BRUNELY CANYON PLUDE YATES GOSX 2000-2700 BONE SPILING FLU0 # 1 133/83 1505x 1620-1300 BL SUEF 103X 10-SURF PLUCI S S PLUGS CLORIETA BLINEBRY PLUO # 10 PLUGI PRINKARD LUGI .80 WC PENN STRAWN ATOKA MORROW TD 12152 M233 DEVONIAN



	Submit 3 Copies To Appropriate District  State of New Men Office		•	Form C-103 Revised March 25, 1999	
	District 1 Energy, Minerals and Natur 1625 N. French Dr., Hobbs. NM 88240	ai Resources	WELL API NO.	NEVISER MILEN 25, 1999	Ĺ
à	District !!	DIVISION	30-025-201		
	District III 2040 South Pach		5. Indicate Type	_	
	1000 Rio Brazos Rd., Aztec, NM 87410 District IV Santa Fe, NM 87.		STATE &	<del></del>	4
	2040 South Pacheco, Santa Fe, NM 87505		6. State Oil & C	ias Lease No.	
ſ	SUNDRY NOTICES AND REPORTS ON WELLS		B-155-1 7. Lease Name of	Unit Agreement Name	e:
	(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLU		}	<b>a</b>	
	DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR PROPOSALS.)	K SUCH	New Mexico		1
	1. Type of Well:		NCT	<b>-</b> 1	1
}	Oil Well		8. Well No.		$\dashv$
- 1	Texaco Exploration & Production, Inc.		1 1	7	
	3. Address of Operator		9. Pool name or	Wildcat	7.
	P. O. Box 3109, Midland, TX 79702		Vacuum Wol	fcamp lacuum	4pper
- 1	4. Well Location	appear on the state of the stat	Penn, Vac	uum Devonian	-
	Unit Letter N : 760 feet from the South	line and	ORO feet from	n the Wast line	
- 1	,	_			
	Section 36 Township 17S Rate 10. Elevation (Show whether Dr.		NMPM Lea	County	
	10. Elevation (Snow whether Di	R, RAB, RI, GR, en	c.)		
,	11. Check Appropriate Box to Indicate Na	ture of Notice,	Report or Other I	Data	_
	NOTICE OF INTENTION TO:		SÉQUENT REI	PORT OF:	
	PERFORM REMEDIAL WORK PLUG AND ABANDON	REMEDIAL WOR	к 🗀	ALTERING CASING	J
	TEMPORARILY ABANDON CHANGE PLANS	COMMENCE DRI	LLING OPNS.	PLUG AND ABANDONMENT	ם <sup>י</sup>
	PULL OR ALTER CASING MULTIPLE COMPLETION	CASING TEST AN	ND _	,	
	OTHER:	OTHER:		<u></u>	7
•	12. Describe proposed or completed operations. (Clearly state all p	pertinent details, an	d give pertinent date	s, including estimated da	= ate
	of starting any proposed work). SEE RULE 1103. For Multiple C or recompilation.				
	1. RU on Y-Side, RIH set 2 7/8" CIBP @ 9	9350' (Penn	) above col	lapsed csg	
	@ 9358' fill 2 7/8" csg w/185 Sx pluc	9350-'162	5' WOC Tag.		
	<ol> <li>RU on Z-Side, RIH tag CIBP @ 9300' (Expluse 9300'-1625' WOC Tag</li> </ol>	pevonian, i	111 3 1/2"	csg w/2/5 Sx	
	3. RU on X-Side, RIH Tag CIBP @ 9000' (W	Wolfcamp) F	ill 2 7/8"	csg w/180 Sx	
	plug 9000'-1625' WOC Tag.	•	, -	<b>,</b> ,	
	4. Cut 3 csg strings @ 1625', L/D csgs.				- 11
	<ol> <li>Perf 9 5/8" csg w/6 holes @ 1625', Sc shoe) WOC Tag.</li> </ol>	gz 150 Sx 1	625'-1200'	(T-Salt- 13 3/8	8"
	6. Displace hole w/MLF, 9.5# Brine w/25#	gel P/BBL	•		
	7. 10 Sx Surf, Install dry hole marker.	Here	, and the second	A SE LEDRER L	
		<b>₩</b> 66.	1	2 51	
		10 7	A PROMINE	મનું	
	I hereby certify that the information above is true and complete to the b	sect of my knowled	ge and balief		-
	$\sim$			, ,	
		FACILITY E	NOINEER	DATE 4/16/01	
	Type or print name JAMES 1. CORSITT		Telep	hone No. 688-4438	8
6 P.	(This space for State use)				-
	A DRIBO OVED BY			, DATE	
-40°C. ex	APPPROVED BY TITLE Conditions of approval, if any:	· • • • • • • • • • • • • • • • • • • •		_DATE	-
IC	Commission of approving it diff.				
¥C.					40

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4.

PLUGGING & AL NONMENT WORKSHEET (1 STRING CSNG) OPERATOR TEXACO EXPLOPATION & PRODUCTION NEW MEXICO D NCT-1 LEASENAME ENACTORS. WELL # TWN SECT 175 RNG 760 NOL 2080 EWL FROM TD: FORMATION @ TD ABO Jacoba FORMATION @ PBTD LIXE FCAMP PBTD: 9358 MLF SIZE TOC TOC DETERMINED BY SET @ SURFACE 133/8 1612 SURF Ciec INTMED 1 95/8 4750 2700 2700 TS 27/2 INTMED 2 10.975 1425 TS PROD 31/2 12.082 1625 SIZE TOC DETERMINED BY TOP BOT LINER 1 27/8 10.964 1625 LINER 2 CUT & PULL @ TOP - BOTTOM INTMED 1 PERFS INTMED 2 OPENBOLE PROD \* REQUIRED PLUGS DISTRICT I HUBTLER (ANDRYD) PLUG TYPE SACKS DEPTH PLUG CMINT YATES QUEEN EXAMPLES 35 SXS PLUG #1 1750 DRUEY AND LAN ANDRES PLUX # 2 SHOL 50 SXS 300'-400' 10 525 0-10 PLUG # 3 STAF PENN 1855x 9350-1625 CAPITAN REEF PLUGEI DEVOLUN 275 SX 9300-1625 PLU0#1 CS 9-COLLAPSED DELAWALE PLUO 6 3 WOIFCHAP 18058 9000 - 1625 STUB PLUO F 4 15000 1625-1200 BELL CANTON CREEKLY CANYON PLUGIS SULF MEK 10-SURF BELLERY CANYON 740016 BONE SPRING 7000 6 7 2 X 742011 WOLFCAMP OLORIETA. PLUO # 9 FLUO # 10 PLUGI PLUO # ORDINKARD ABO wc PENN ATOKA WOLLOW **(23)** MAJNOVEC

**PLUGGING & ABANDONMENT WORKSHEET** (1 STRING CSNG) OPERATOR TEXACO EXPLORATION & PRODUCTION LEASENAME VACUUM GORIETA WEST UNIT WELL # 101 345 17.5 RNG SECT 36 TWN 600 NOL 1900 BW L FROM TD: FORMATION @ TD BLINGBEY 6800 FORMATION @ PBTDGIARIETA PBTD: 6766 SIZE SET @ TOC TOC DETERMINED BY SURFACE 11 3/4 1520 SURF Ciec INTMED 1 8 5/8 3300 2300 CALC 27/8 INTMED 2 6794 3300 CBL PROD 27/8 6787 3300 CBL SIZE TOC DETERMINED BY BOT LINER 1 LINER 2 CUT & PULL @ TOP - BOTTOM INTMED 1 **PERFS** INTMED 2 OPENHOLE PROD \* REQUIRED PLUGS DISTRICT I PLUG CURTLER (ANGLYD) TYPE **SACKS** DEPTH PLUG CMINT QUIDEN 35 SXS 1750 GRAYBURG PLUO#1 300'-400' 50 SXS AN ANDRES TLUC # 2 EHO! PLUO#3 10 SXS 0-10 SURI GlORIETA 1455X 5875-SURF PLUG 61 APITAN REEF BLINESSY 70 SX 6100-3400 PLUG # 1 GlORIETA 85/8 s | 50 sx 3400-3200 ELAWARE PLID # 1 Commitque YATES 50 5x 2800-2600 BELL CARYON TW0#4 113/45 755x 1575-1200 CHERKY CANYON PLUG#5 SURF 10 SX 16 - SURF **ERUSHY CANYON** PLUG#6 ONE SPRING PLUG # 7 GLORIETA FLUG#1 M.NEBRY MUO # 10 TUBB PLUG# DETMEARD PLUQ# ABO wc PENON NWARTE ATOKA MORROW TD MADRINVE

A AUB : Hotos OCO

4 .

PLUGGING & ABADC 'MENT WORKSHEET (3 STRING CSNG) CHEVERN USA ING. **OPERATOR** LEASE NAME NEW MEXICO R STATE (NCT-1) WELL # IMN 18-2 SECT BNG 35-E NS L 760 FROM aslo (EW L FORMATION @ TD VACUUM ABO 8850 PBTD FORMATION @ PBTD YATES SIZE SET @ TOC 113/4 TOC DETERMINED 357 SURFACE 113/4 357' SURF Ciec INTMED 1 TOC SURF 85/8 3080 Ciec SueF INTMED 2 9/4/81 Per 24 PROD 27/8 3130---SUEF 8849 @ 3100 SOZ W 500 SX-CAT 47/6 x 85/8 TOC SIZE TOP BOT ED 8Y 8 5/8 LINER 1 LINER 2 3680 TOP - BOTTOM **CUT & PULL** INTMED 1 **PERFS** 3080 - 3100 INTMED 2 **OPENHOLE** PROD 2 14 47 REQUIRED PLUGS DISTRICT Aug 450 Back To SACKS TYPE PLUG DEPTH 3670 RUSTLER (ANHYD) YATES 3050 45 YATES 11345 440 100 3849 OUEEN GRAYBURG SAN ANDRES TOC CAPITAN REEF DELAWARE BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING GLORIETA BUNBRY DRINKARO ABO PENN STRAWN ATOKA HORROW TD 8850 444 DEVONIAN

Submit 3 Copies To Appropriate District	State of New Mexico	Form C-10
Office Energy, M	Ainerals and Natural Resources	Revised March 25, 199
1625 N. French Dr., Hobbs, NM 87240		WELL API NO.
District II 811 South First, Artesia, NM 87210 OIL CO	ONSERVATION DIVISION	30-025-02224
District III	2040 South Pacheco	5. Indicate Type of Lease
1000 Rio Brazos Rd , Aztec, NM 87410  District IV	Santa Fe, NM 87505	STATE X FEE
2040 South Pacheco, Santa Fe, NM 87505		6. State Oil & Gas Lease No. B-2317
SUNDRY NOTICES AND RE (DO NOT USE THIS FORM FOR PROPOSALS TO DRI DIFFERENT RESERVOIR. USE "APPLICATION FOR P PROPOSALS.)  1. Type of Well: Oil Well X Gas Well Other	LL OR TO DEEPEN OR PLUG BACK TO	STATE 35 UNIT
2. Name of Operator		8. Well No.
Phillips Petroleum Company		009
3. Address of Operator	•	9. Pool name or Wildcat
4. Well Location 4. Well Location		VACUUM GRAYBURG/SAN ANDRES
	et from the NORTH line and	d 660 feet from the WEST line
Olit Detter	The unc	net non then
	wnship 17S Range 34E	
10. Elevati	on (Show whether DR, RKB, RT, G	ik, etc.)
	4016' GR	
	Box to Indicate Nature of No	<u>-</u>
NOTICE OF INTENTION T	f	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK PLUG AND	ABANDON 🔣 REMEDIAL WO	DRK ALTERING CASING
TEMPORARILY ABANDON CHANGE F	LANS COMMENCE D	RILLING OPNS. DPLUG AND ABANDONMENT
PULL OR ALTER CASING MULTIPLE COMPLET		AND
THER:	OTHER:	
12. Describe Proposed or Completed Operations of starting any proposed work). SEE RULE 1 or recompilation.		and give pertinent dates, including estimated date trach wellbore diagram of proposed completion
03. Pump plug No. 1 - 70 mxs 3550'-4 04. Pump plug No. 2 - 25 mxs 3000'-2 05. Ru wireline truck. Gih and perf 06. Gih w/ ws and AD-1 rental packer	4030'. Mix and circulate wel 030'. Covers the San Andres, 885'. Covers the TOC of prod orate 7" casing, 4 spf at 287 to 2600' and set packer.	hiction casing @ 2935'.
Yates. 08. Release packer & pooh. RU wire	line truck and perforate 7° c	asing, 4 SPF at 1660', 4 holes.
09. Gih w/ ws and AD-1 rental packe		
10. Pump plug #4 - squeeze 65 sxs c	ament 1660'-1492'. Displace 5	0' below packer. WOC & TAG. Covers the
salt top and surface casing shoe.		
	CONTINUED ON BACK	
I hereby certify that the information above is true and con	nplete to the best of my knowledge and	belief.
SIGNATURE By My Hor for h.	TITLE SUPERVISOR,	REG./PRORATION DATE 8-10-01
Type or print name L. M. Sanders	_	Telephone No. (915) 368-1488
(This space for State use)	4	

TITLE

THE COMM SHOW ME HOURS PRIDE TO LESS PEROTEMON HOUSE

dr. 5%.

DATE

101 BED 24 10 54 40 OF

- 11. Release packer, pooh to 400'. Ld workstring and packer. TIH to 400'.
- 12. Pump plug No. 5 Pump surface plug 75 sxs 400'-0. Isolates fresh water. 13. Cut off casing and wellheads 3' below GL and cap well. Install Dry Hole marker.

### PLUG AND ABANDON WELL PROCEDURE STATE 35 UNIT # 9

NOTE: Cement used is Class "C", density of 14.8 ppg, yield of 1.32 cubic feet per sack.

- 1. Notify NMOCD at (505) 393-6161 24 hrs. prior to initiating plugging operations.
- 2. MIRU Plug & Abandon Package. NU PPCo. Class 1 BOPE.
- 3. GIH w/ 2-3/8" WS and tag CIBP @ 4030'. Mix and circulate wellbore with 9.5 Mud Laden Fluid (MLF).
- 4. Pump Plug No. 1, 70 sx, 3550 4030°. Covers the San Andres. Grayburg, & Queen.
- 5. LD Workstring to 3000'.
- 6. Pump Plug No. 2. 25 sx, 3000 2885'. Covers the TOCof Production casing @ 2935'.
- 7. LD Workstring to 2600' & POOH.
- 8. RU Wireline truck, GIH and Perforate 7" csg,4 SPF at 2870', 4 holes. POOH. RD Wireline...
- 9. GIH w' WS and AD-1 rental packer to 2600'& Set Packer. Attempt to establish pump in rate via 5-1/2" x 8-5/8 annulus. Maximum pressure of 1200# psi @ 2 bpm. (If unable to obtain rate notify Drlg Supt before proceeding.)
- 10. Pump Plug #3. Squeeze 65 sx cement 2870 2720'. Displace 50' below packer. WOC & TAG. Covers the Yates.
- 11. Release packer & POOH. RU WL truck & perforate 7" csg,4 SPF at 1660', 4 holes. POOH. RD Wireline..
- 12. GIH w/ WS and AD-1 rental packer to 1350'& Set Packer. Attempt to establish pump in rate via 5-1/2" x 8-5/8 annulus. Maximum pressure of 1200# psi @ 2 bpm. (If unable to obtain rate notify Drlg Supt before proceeding.)
- 13. Pump Plug #4. Squeeze 65 sx cement 1660 1492'. Displace 50' below packer. WOC & TAG. Covers the Salt Top and Surface Casing Shoe.
- 14. Release Packer, POOH to 400', LD Workstring & packer. TlH to 400'
- 15. Pump Plug No. 5. Pump Surface plug 75 Sxs. 400 0'. Isolates fresh water.
- 16. Cut off casing and wellheads 3' below GL and cap well. Install Dry Hole marker. Perform reclamation work.



## WELLBORE SKETCH PHILLIPS PETROLEUM COMPANY - PERMIAN PROFIT CENTER

Date August 7 2001 RKB@ DF@ GL@ 4026 8 One
BUCKEYE
STATE 35 UNIT #9
1980 FNL & 660 FWL Sec 35, 17S, R34E
State New k Well Category 4016 3' Subares Lease & Well No Legal Description County Field New Mexico 12 1/2" hole Vacuum GB/SA 11/1938 30-025-02224 12/30/38 24 BO, 10 MCFG IN 6 HRS Date Spudded API Number\_ 4 Squeeze noies @ 1400' 300 sx cmt Circulated PPCO WI 100% 9-5/8' Surface Casing @ 1547' 36# LW Cmt'd 0 to 1547' w/890 sx TOC @ surface, circulated 8-1/4" Hole TOC @ 2935" (CBL) CIBP Sel @ 4030' (03/01) 7" Csg @ 4172 24# SS Cmt'd w/400 sx; TOC @ 2935 (CBL) Grayburg/San Andres Perforations 4476'-4708' w/2 SPF (460 holes) Top Salt Yates 1710 Formation Tops: Top Salt 1710'
Yates 2820'
Queen 3747'
Grayburt 4100'
San Andres 4496' 4 1/2" 11 6# K-55 ST&C Liner Set @ 4709' w/ liner hanger @ 4037' Not Camented Open Hole: 8 1/4" 4172-4185' 6 1/4" 4185 4716'

PBTD TD 4716



### WELLBORE SKETCH PHILLIPS PETROLEUM COMPANY - PERMIAN PROFIT C.



Date

August 7 2001 4026 8 RKB @ One
BUCKEYE

STATE 35 UNIT
1980 FNL & 660 F.M. Sec 35, 7175 R34E

Lea
Vacuum GB/SA
11/1938
IPI 12/30/38 74 80 10 MCFC IN 6 HRS
30-025-02224 Well Category 4016 3 Sucarea Lease & Well No GL @ Legal Description County Plug #5, 75 sx, interval 400 - 0 (Surface Plug) 12 1/2" note Field API Number 4 Squeeze holes @ 1400' 300 sx cmi. Circulated PPCO WI 100% 9-5/6" Surface Casing @ 1547 36# LW Cmi'd 0' Io 1547' w/890 sx TOC @ surface, circulated Plug #4, 65 sx, interval 1660 - 1492 (covers Top Salt & Cag shoe) Perforate 4 SPF @ 1660', 4 holes Sqeeze 26 sx cmt, to 1497' 8-1/4" Hole Plug #3, 65 sx, interval 2720-2870', TOC @ 2720' (calculated) Plug #2, 25 sx, interval 3000-2885', TOC @ 2720' (calculated) TOC @ 2935' (CBL) Plug #1,70 sx, Interval 4030 - 3550 (covers San Andres,Grayburg,& Queen) CIBP Set @ 4030' (03/01) 7" Cag @ 4172' 24# 55 Cmt'd w/400 sx TOC @ 2935' (CBL) Top Sait 1710 Yates 2820 Queen 3747 Grayburg 4100 San Andres 4496 Grayburg/San Andres Perforations 4478'-4708' w/2 SPF (460 holes) Formation Tops Top Sait 4 1/2" 11 6# K-55 ST&C Liner Set @ 4709" w/ liner hanger @ 4037" Not Cemented Open Hole 8 1/4" 4172-4185' 6 1/4" 4185-4716' PBTD: 4716

Submit 3 Copies To Appropriate Office	District and the second		
Onne	Dia	te of New Mexico	Form C-1
District I		erals and Natural Resource	s Revised June 10, 20 WELL API NO.
1625 N. French Dr., Hobbs, NM District II			30 025 33416
1301 W. Grand Ave., Artesia, N	MI 00710	ERVATION DIVISION	5. Indicate Type of Lease
District III 1000 Rio Brazos Rd., Aztec, NM	27410	South St. Francis Dr.	STATE FEE
District IV	San	ta Fe, NM 87505	6. State Oil & Gas Lease No.
1220 S. St. Francis Dr., Santa Fe 87505	, NM		B 23/7
	RY NOTICES AND REPOR		7. Lease Name or Unit Agreement Name
•	OR PROPOSALS TO DRILL OR TO SE "APPLICATION FOR PERMIT"	O DEEPEN OR PLUG BACK TO A ' (FORM C-101) FOR SUCH	State 35 Unit
PROPOSALS.)		(	8. Well Number
1. Type of Well: Oil Well X Gas	Well Other		20
	Men Oniei		
2. Name of Operator McGowan Worki	tig Partners, Inc.		9. OGRID Number
3. Address of Operator P 0 Box 55809	, Jackson MS 39296	-5809	10. Pool name or Wildcat
4. Well Location			
·	4889999	The second section is the second seco	to fairne and the advance of the control of the con
Unit Letter	1926 feet from	n the south line and	d 2430 feet from the east lin
Section 35	Townsh	ip 17S Range 34E	NMPM County Lea
		ow whether DR, RKB, RT, GF	
			tice, Report or Other Data
	OF INTENTION TO:		SUBSEQUENT REPORT OF:
PERFORM REMEDIAL W	ORK PLUG AND ABAN	NDON 🖸 REMEDIAL	WORK ALTERING CASING
TEMPORARILY ABANDO	ON CHANGE PLANS	COMMENC	E DRILLING OPNS. PLUG AND BANDONMENT
PULL OR ALTER CASING	MULTIPLE COMPLETION	CASING TE	ST AND
OTHER:		OTHER:	
	or completed operations. (C		
13. Describe proposed of starting any pro		Clearly state all pertinent detai	ls, and give pertinent dates, including estimated outs: Attach wellbore diagram of proposed complete
13. Describe proposed		Clearly state all pertinent detai	ls, and give pertinent dates, including estimated of
13. Describe proposed of starting any pro or recompletion.  10/28/03 - Run i	posed work). SEE RULE 11 n hole, tag CIBP at	Clearly state all pertinent detail 03. For Multiple Completion 4360', dump bale 5	ls, and give pertinent dates, including estimated of
13. Describe proposed of starting any pro or recompletion.  10/28/03 - Run i - Fill	posed work). SEE RULE 11 n hole, tag CIBP at casing with 9.5# mu	Clearly state all pertinent detail 03. For Multiple Completion 4360', dump bale 5'd ±4316' to 3460'	ls, and give pertinent dates, including estimated ones: Attach wellbore diagram of proposed completed as a cks Class A on CIBP
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SPud 08/05/96 NTS PROPOSED PYA PLAN 10/07/03 STATE 35 UNIT No. 20 RKB 4032' Formerly ME Hale Nazy DF 4031' API 30 025 33416 GL 40161 VACUUM Field Lea Commy NM Legal Description 1926' FSL 4 2430' FEL Sec 35, T.175 R-34E LEA COUNTY N.M. 60'(1348)/1.18=7 Sx 85/8" 24.0# To 1599' IN 121/4" Hole W/ 8505x TOC @ SHAF CIRC 1245x 95# MUD 23 SK 200(0.1344)/1.18 = 23.54 9.5 #Mus LOCATE USE LEAK & SOZ - CSCOLA OLYOZ SET CIBP @ 4360' 50 Sx class A out & 23 54 3120-348 Tested Case Using PKR + The LEAVE 23 SX INSIDE Cass From 3120 - 3456' Faile WITH CMT ZOO FEET A BUVE CGG LEAR 9.5# Mus PRESSURE TEST, 200 (.1349)/1.18 = 2354 5 SX PLACED BY IS ALEO CIBP @ 4360' 4410-4438' W/25PF 56 Holes 4442-4468' W/25PF 52 Holes 4592-4606' W/25PF 28Hc/es 4616-4626' W/25PF 20 Holes 4460-4678' W/25PF 3 UHULES 4682-4710' W/25PF SUHULES 4717-4742' W/2SPF 50 Holes 5/2, 15,5 # To 50001 IN 71/8" Hole w/ 1050 SX TOC @ SUNF CIAC 1475X BTO 4955 0. 0240 BPC (0.1349 CFPF) TD 5000' 10-4.950

	<b>k</b>				)		
	Submit 3 Copies To Appropriate District	State of 1	Ýew Me	xico	•	Form C-	103
	Office District I	Energy, Minerals	-		CHECK AND INC.	Revised March 25,	1999
	1625 N. French Dr., Hobbs, NM 88240 District II	OH COMETIN	A TTO N	Phagion	WELL API NO. 30-025-02253		
	1301 W. Grand Ave., Artesia, NM 88210 District III	OIL CONSERV 1220 South			5. Indicate Type		
	1000 Rio Brazos Rd., Aztec, NM 87410 District IV	Santa Fe			STATE  6. State Oil &	<u> </u>	
	1220 S. St. Francis Dr., Santa Fe, NM 87505				857948		
	SUNDRY NOT  (DO NOT USE THIS FORM FOR PROPO DIFFERENT RESERVOIR. USE "APPLIE PROPOSALS.)  1. Type of Well:  Oil Well  Gas Well	CATION FOR PERMIT" (FORM	EN OR PLU	JG BACK TO A		or Unit Agreement Nar	
	2. Name of Operator				8. Well No.	28	
	Chevron  3. Address of Operator				9. Pool na	me or Wildcat	
	15 Smith Road Midland, Texas 7	9705			Vacuum		
	4. Well Location		and the same of the same of the same of	and the state of t	and the control of th	and the second	
	Unit LetterI:-2	2310_feet from theSout	h1	line and330	feet from theEa	st_line	
	Section 1	Township 1		Range 34-E	NMPM	County Lea	
		10. Elevation (Show w	hether D	R, RKB, RT, GR, et	c.)		
•	11. Check A NOTICE OF IN	Appropriate Box to Inc		SUB	SEQUENT RE	EPORT OF:	
	PERFORM REMEDIAL WORK			REMEDIAL WOR	к <u> </u>	ALTERING CASING	· [_]
	TEMPORARILY ABANDON	CHANGE PLANS		COMMENCE DR		PLUG AND ABANDONMENT	
<b>3</b>	PULL OR ALTER CASING	MULTIPLE COMPLETION		CASING TEST A	ND []		
	OTHER:			OTHER:			
	<ol> <li>Describe proposed or complete starting any proposed work). S recompilation.</li> </ol>						
	See attached procedure  THE OIL CON	ISERVATION DIVIS	M NOI	UST	10 10 10 10 10 10 10 10 10 10 10 10 10 1	21222324 2538P.1782930	
	BE NOTIFIE	D 24 HOURS PRICE	T OT R	HE	(E. 2)		
	BEGINNING (	OF PLUGGING OPE	ERATIC	NS.	1101	68,997817	
-	I hereby certify that the information	above is true and complete	e to the be	est of my knowledg	e and belief.		
:	SIGNATURE P. W. Minel	TITLE_Operation	ons Super	visor	DATE_7/26/2005		
	Type or print name P. W. Minchey	V				Telephone No.	
(	(This space for State use)	19.1-				JUL 2 8 20	05
	APPPROVED BY	W. Wank	TOLE ME	LD REPRESENTAT	IVE II/STAFF MA:	1/0/ATRE	
-45.5	~						

VI-**Procedure** 

1 **Pull RBP:** 

> TIH w/ Retrieving tool to top of RBP. Wash sand off the RBP. Fish RBP. TOH and L/D tools.

2 Set Bottom Plug

> R/U wireline. TIH w/ CIBP. Set @ 4030'. R/D wireline. TIH w/ 2 7/8" open ended tbg. Spud 20 sacks ci "C" cmt (4.65 bbis) on top of CIBP. Estimated plug thickness of 200'. TOH to 2930'.

3 **Base of Salt Cement Plug:** 

> Set open ended tubing @ 2930'. Spud 30 Sacks of cl "C" cmt (300', ~7 bbls). Pull tubing to 1800' feet. WOC.

TIH to tag top of plug. Pull tbg out of hole.

Injection test:

TIH w/ 5 1/2" packer and 2 7/8" working string. Set packer @ ~1800'. Perform injection test. Make sure that you can squezze leaks. If can not get rate go to step 6.

5 Squeeze Casing Leak @ 2340'-2384':

R/U wireline. Set CR @ 1800'. R/D wireline. TIH w/ stinger and 2 7/8" tubing. Sting into CR. Pump ~100 Sx cl "C" cmt (23 bbls slurry). Sting out. Pump 40 Sacks cl "C" cmt (9.3 bbls) @ 1800'. Pull to Surface. WOC. TIH w/ 2 7/8" open ended tbg. Tag plug (Estimated top @ 1400'). TOH to 400'.

6 Surface Plug:

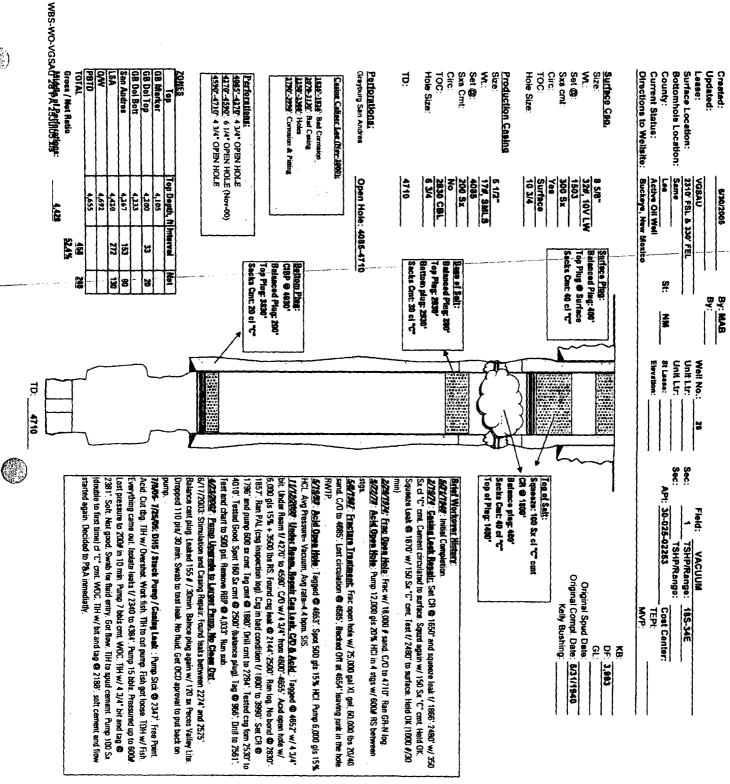
Set open ended tbg @ 400'. Pump ~40 sacks cl "C" cmt to surface. Pull tubing out.

6 Cut casing and cap off well. Well P&A.

Use

Prepared by Mario A. Ballesteros

CURRENT WELLBORE DIAGRAM



7/27/2005

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PLUGGING & ABANDONMENT WORKSHEET (2 STRENO CONG) OPERATOR TEXACO EXPLORATION & PRODUCTION LEASENAME VACUUM GROW BURG SAN ANDRES **SECT** TWN 185 RNG 2630 NBL 'eml FROM 1310 FORMATION @ TO GRAL BURG TD: 4800 FORMATION @ PBID SAN ANDRES PBTD: 4790 SET O TOC TOC DETERMENTED BY SIZE SURFACE 85/8 361 SULF Ciec INTMED 1 TOC SURF INTMED 2 PROD 4800 2379 CBL 41/2 SIZE TOP BOT TOC DETERMINED BY LINER 1 LINER 2 CUT & PULL @ TOP - BOTTOM INTMED 1 4435 - 4722 PERF INTMED 2 PROD PREQUIRED PLUGS DISTRICT I PLUG TYPE SACES DEPTH PLUG CHANT 35 SXS 6400 SHOE 50 DES 5350'-5450' CZERYSS 4800 LUD#3 CIPP 25.505 4800 AFTONI CER LUGO 50 SIS 3660-3700 STUB 120044 REIDER 8QZ 200 £25 400 10 SES 0-10 GRM Gree 75 SX 4200-4722 CHARLES CHARLES 5. ANDES 50.5X 4200-\$600 YATES 25 SX 2800 -2600 T-SALT 50 5 x 1400 - 1200 85/8 5 50 5x 410- 300 120004 SUEF 305x 300-SUEF 10007 LUG# 8 1011 Nima TD 4800

 PLUGGING & ABANDONMENT WORKSHEET (2 STRING CSNQ) OPERATOR TEXACO HODOCTION LEASENAME VACUUM SAN ANDRES LIVIT 18-5 RNG SECT TWN FORMATION O TO SAN ANDRES
FORMATION O PBTD 139 NSL **FROM** TD: 4800 PBTD: 4798

	SIZE	SET Q	TOC	TOC DET	ERMODEL) BY
SURFACE	85/8	358	SURF	Cie	C
INTMED 1	4/2"	4800	2450	CB	
INTMED 2					
PROD					
	SIZE	TOP	BOT-	TOC	DETERMINED BY
LINER 1					
LINER 2					
	CUT &	PULL Q		TO	P - BOTTOM
INTMED 1			PERFS		-
INTMED 2			OFERMOLE		-
PROD	240	9			
REQUIRED PLL	CS DISTRIC	TI			

MISTLER (AMETT)

YATES

QUEEN

CHATSURO

ANI AMORES

CAPITAN RESP

DELAWARE

SELL CANYON

COSERS Y CANYON

SELLETY CANYON

ROME SPRENCO

YELDRENCY

TURE

CRUSTA

rwo	TYPE	BACKS	DEPTH
<u> </u>	rwo	CMINT	<u> </u>
EXAMPLES			
PEUDOI	ОH	35 SX3	6400
P1UG # 3	SHOR	50 SXS	5350-5450
ruses	CIBP/33		4800
rwon	СЛВР	25 5375	1800
7LU0#4	STUB	50.503	\$600°-\$700°
PLU0#1	retnr əqz	300 202	100
PLUG # 6	SURF	10 503	010
PLUO III	CIBP	2556	4200-3900
PLUD#2	B-SALT	605x	2400-2200
rupei	T-SALT	605X	1300-1000
12014	SHOE	75.5X	425-250
1.0011	SURF	10.SX	10-SURF
PLUD##			
PLUGET			
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TD 4800

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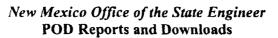
Submit 3 Copies To Appropriate District Office	State of Ne			Form C-103
District I 1625 N. French Dr., Hobbs, NM 88240	Energy, Minerals and	1 Natural Resources	WELL API NO. 30-025-24366	March 4, 2004
District II 1301 W. Grand Ave., Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410	OIL CONSERVA 1220 South St	. Francis Dr.	5. Indicate Type of Lease	FEE 🔲
District IV 1220 S. St. Francis Dr., Santa Fe, NM	Santa Fe, N		6. State Oil & Gas Lease B-1733-1	No.
87505 SUNDRY NOT	UEN AND KEPOKIXAAN V	1011 12 13 28 ZS	7. Lease Name or Unit A	greement Name
(DO NOT USE THIS FORM FOR PROPO DIFFERENT RESERVOIR. USE "APPLIA PROPOSALS.)	SALS TO DRILL OR TO BEEPEN CATION FOR PERMIT OF ORM C	OR PLUG BACK TO A	Vacuum Grayburg San	Andres Unit
1. Type of Well:	Other Injection 7	ON HOLES ON THE COLUMN TO THE	8. Well Number 50	
2. Name of Operator Chevron US	SA, Inc.	<u> </u>	9. OGRID Number	
3. Address of Operator P.O. Box 7	139, Midland, TX 79708	Social Area Co.	10. Pool name or Wildcat Vacuum Grayburg San	
4. Well Location		and the second s	and the second s	
Unit Letter G:	1330 feet from the No	orth line and 13	30 feet from the E	ast line
Section 1	Township 18S		NMPM Lea Count	y
	11. Elevation (Show wheth			
Pit or Below-grade Tank Application (Fo				Over 1000'
Pit Location: UL G Sect 1 Twp 1  Distance from nearest surface water				water well
132 feet from the North line and			,	
NOTICE OF IN PERFORM REMEDIAL WORK		SUB REMEDIAL WOR	SEQUENT REPORT	NG CASING 🔲
PULL OR ALTER CASING	MULTIPLE [			ONMENT
	COMPLETION	CEMENT JOB		_
OTHER:	[ 		<del>,</del>	
<ol> <li>Describe proposed or complete of starting any proposed we or recompletion.</li> </ol>	rk). SEE RULE 1103. For M	te all pertinent details, an Multiple Completions: A	d give pertinent dates, include tach wellbore diagram of pro	ing estimated date oposed completion
Notify OCD 24 hrs prior to MI and     RIH tag TOC at 4003' and spot 2	0sx cement plug from 4003'-3850		hole marker.	
Displace hole w/MLF, 9.5# Brine     Perf and squeeze 75sxsx camen	t plug from 2700'-2500' (B-Satt) V	VOC Tag.	UGGING OPERATIO	7d <b>≟</b> 0
<ol> <li>Perf and squeeze 75sxsx cement p</li> <li>Perf and squeeze 55sx cement p</li> </ol>	lug from 450'-250' (shoe) WOC 1	iag.	T OT ROIRS SAUOF	i . Julieled St I
<ol><li>Perf and squeeze 50sx cement p hereby certify that the information :</li></ol>	above is true and complete to	the best of my knowledg	W NOISIAM NOILVA	ast any pit or below-
rade tank has been/will be constructed or	$\kappa$	A4		4.04.0007
SIGNATURE M. Lee Ros	TITT	nail address:	DATE	<del></del>
	E-19	ion accureces.	reiepnone	No. 432-561-8600
This space for State use)				
Conditions of approval, if any:	Jan Jan	TELD REPRESENTATIV		
•			AP	R 23 % 2007

The second secon

7D.

### VGSAU #50 Wellbore Diagram

Created:	03/01/06By:0	C. A. Irle	Well #:	50 St. Lse: <u>B-1733-1</u>
Updated:	By:		API	30-025-24366
Lease:	Vacuum Grayburg San Ar	ndres Unit	Unit Ltr.:	G Section: 1
Field:	Vacuum Grayburg San Ar		TSHP/Rng:	S-18 E-34
Surf. Loc.:	1,330' FNL & 1,330'		Unit Ltr.:	Section:
	1,000 1142 & 1,000	1 66		Section:
Bot. Loc.:	<del></del>		TSHP/Rng:	D-1
		NM		
Status:	Active Oil Well	<del></del>	Chevno:	FH0891
County: Status:  Surface Cat Size: Wt., Grd.: Depth: Sxs Cmt: Circulate: TOC: Hole Size:  Wt., Grd.: Depth: Sxs Cmt: Circulate: TOC: Hole Size:  Perforation: 4133-48, 56 4200-12, 18 39-43, 45-5 4,320' - 4,3 4389, 94, 9 73, 80, 94, 9 73, 80, 94, 9 73, 80, 94, 9 73, 80, 94, 9	8 5/8"  20#, K-55  354'  210  Yes  Surface  11"  Casing  5 1/2"  14#, J-55  4,800'  500  No, 200%  2,000  7 7/8"  8  3-62, 76-80, 92-96, 3-22, 26-29, 32-36, 11, 54-62, 65-71, 91-95  58'  8, 4402, 28, 33, 40, 48, 4503, 21, 25, 30, 36, 63, 80, 92, 95, 4675,	NM	Directions: Chevno:	Buckeye, NM   FH0891
		PBTD: 4,78 TD: 4,80		



	Town	ship:	18S Range:	34E	Sections	1				
	NAD27	X:	Y:		Zone:			Search Radius	:	
County: L	.E		Basin:				Nun	nber:	Suffix:	
Owner Na	me: (Firs	st)		(Last)			0	Non-Domestic	O Domestic	(© All
РО	D / Surfac	e Data	Report.	Avg	Depth to V	/ater	Report	Wate	er Column Repo	rt .
			Clear F	orm	iWAJER	S Mei	10 gr	Help		

AVERAGE DEPTH OF WATER REPORT 04/24/2007

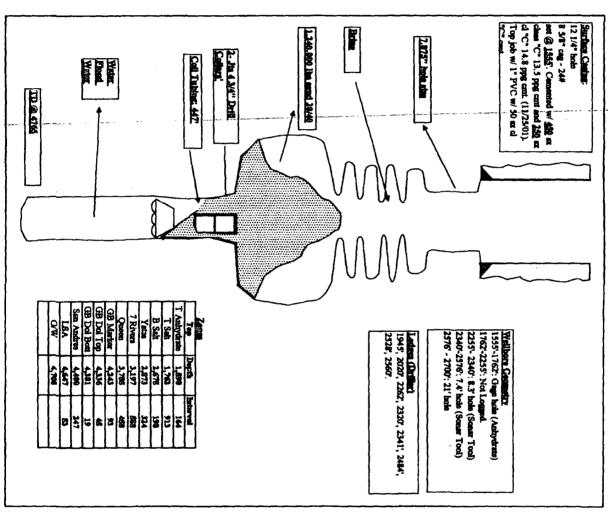
(Depth Water in Feet)
Bsn Tws Rng Sec Zone X Y Wells Min Max Avg
L 18S 34E 01 5 100 115 107

Record Count: 5

PLEASE SCHU IND WALL FILE 30-025- 35687

> Attack 6 203 710' PSL & 1250' PWL SEC 1, TWN 18-8, Range 34-E, County Los ELEVATION: 3995' GL, 4009' KB

VGSAU 211



2/5 2/4/04 - 900,0001bs. somo 216 216 - TOY @ 2056

- 110,000165.

- 94,000 lbs - Tug@ 2056 Tax@ 2056

2123

2/23

2/23

2/16

2/11

2/9

219

10/19 TOS@ZL71

10113 Tog@2674

10/15 2500 St CL C 10/14 Tos@ 2650

10/23 TAX@ 2453

333882

0/0

2500 SK C1.C

9/19 - 1500sx Cl.#

\$123 Tos@ 2000

72/24 44/14 82/12

2/25

2124

2126

(E)





Lab Test No: 9464

**Phillips** 

Sample Date: 3/26/96

Lab Date In: 3/28/96

Lab Date Out : 3/28/96

Water Analysis

Listed below please find water analysis report from: Halo Mable

S.O. #2

Specific Gravity:

Total Dissolved Solids:

1.000 198

pH:

Conductivity (uohms):

Ionic Strength:

0.006

Cations: me/

	Calcium	(Ça++):	30
	Magnesium	(Mg++):	19
	Sodium	(Na+):	10
	Iron	(Fe++):	0.40
	Dissolved Iron	(F <del>c++</del> ):	
	Barium	(Ba++):	- 0.20·
	Strontium	(Sr):	
	Manganese	(Mn++):	0.07
	Resistivity:		
Anions			
	Bicarbonate	(HCQ3-):	
	Carbonata	(CO3-):	

Carbonato (CO3--): 0 Hydroxide (OH-): Sulfate (SO4-):50 Chloride (Cl-): 90

Gases:

Carbon Dioxide (CO2):

Oxygen

(O2):

Hydrogen Sulfide (H2S):

Scale Index (positive value indicates scale tendency) a blank indicates some tests were not run

Temperature 86F 30.0C 104F 40.0C 122F 50.0C 140F 60,0C 70.0C 168F 176F 80.0C CaCO3 SI

ppm

CaSO4 SI

Comments:

If you have any questions or require further information, please contact us.

Paul Gonzale

Sincerely,

cc: Jay Brown

Laboratory Technician

Joc Hay

\_ab Test No:9461

**Phillips** 

Sample Date: 3/26/96

Lab Date In: 3/28/96

Lab Date Out : 3/28/96

#1

Water Analysis

Listed below please find water analysis report from: Potash

1.000

Specific Gravity: Total Dissolved Solids:

265

pH:

Conductivity (uohms):

Ionic Strength:

0.008

CaSO4 SI

Cations:		<u>mg/l</u>	
Calcium	m (Ca++);	59	
Magne	sium (Mg++):	23	* The Application of Control of C
Sodium	1 (Na+):	0	
Iron	(Fe++):	0.07	
Dissolv	ved Iron (Fe++):		
Barium	(Ba++):	0.40	
Strontia	um (Sr):		
Mangar	nese (Mn++):	0.39	
Resistin	vity:		
Anions:	•		
Bicarbo	onate (HCO3-):		
Carbon	ate (CO3):		
Hydroxi	ide (OH-):	0	
Sulfate	(SO4):	43	
Chlorid	le (CI-):	140	
Gases:	::::::::::::::::::::::::::::::::::::::	<u> </u>	24215345795626X9P49428532222 <u>7</u> 1225662257923

Carbon Dioxide (CO2):

Oxygen

(O2):

Hydrogen Sulfide (H2S):

Scale Index (positive value indicates scale tendency) a blank indicates some tests were not run

CaCO3 SI

Temp	crature	
86F	30.0C	
104F	40.0C	
122F	50.0C	
140F	60.0C	
168F	70.0C	
176F	80.0C	

Comments:

If you have any questions or require further information, please contact us.

The Paul Goyale

Sincercly,

cc: Jay Brown

Laboratory Technician

Joe Hay



Lab Test No: 9459

**Phillips** 

Sample Date: 3/26/96

Lab Date In: 3/28/96

Lab Date Out: 3/28/96

Water Analysis

Listed below please find water analysis report from: VGSAU

WSW #2

Specific Gravity:

Total Dissolved Solids:

1.000 249

pH:

Conductivity (uohms):

Ionic Strength:

Manganese

Resistivity:

0.008

Cations:		mg/l	ه ها گفته به
Calcium	(Ca++):	66	THE RESERVE OF THE PROPERTY OF
Magnesium	(Mg++):	24	
Sodium	(Na+):	16	
Iron	(Fe++);	0.50	·
Dissolved Iro	n (Fe++):		
Barium	(Ba++):	0.30	
Strontium	(Sr):		

Anions:

Bicarbonate (HCO3-): Carbonate (CO3-): Hydro:ade (OH-):

0 45 Sulfate (SQ4--): Chloride (CI-): 130

(Mn++):

Gases:

ppm

CaCO3 SI

0.06

Carbon Dioxide (CO2): (02): Oxygen

Hydrogen Sulfide (H2S):

Scale Index (positive value indicates scale tendency) a blank indicates some tests were not run

Temp	दास्प्राट
86F	30.0C
104F	40.0C
122F	50.0C
140F	60.0C
168F	70.0C
176F	80.0C

If you have any questions or require further information, please contact us.

Sincerely,

Comments:

La Paul Goyale

Laboratory Technician

cc: Jay Brown Joe Hay

CaSO4 SI



ab Test No: 9458

**Phillips** 

Sample Date: 3/26/96

Lab Date In: 3/28/96

Lab Date Out : 3/28/96

Water Analysis

Listed below please find water analysis report from: VGSAU

WSW #1

Specific Gravity:

Total Dissolved Solids:

1.000 198

pH:

Conductivity (uohms):

Ionic Strength:

0.006

		**************	
Cations:		<u>mg/l</u>	
Calcium	n (Ca++):	38	
Magnes	sium (Mg++):	18	
Sodium	(Na+):	4	
iron	(Fe++):	0.30	
Dissolv	red from (Fe++):		
Barium	(Ba++):	0.30	
Strontin	um (Sr):		·
Mangar	nese (Mn++):	0.04	
Resistiv	rity:		
Anions:	•		
Bicarbo	mate (HCO3-):		
Carbon	ate (CO3-):		•
Hydroxi	ide (OH-):	0	
Sulfate	(SO4):	48	
Chlorid	e (Cl-):	90	

Gases:

Carbon Dioxide Oxygen

(CQ2): (02):

Hydrogen Sulfide (H2S):

Scale Index (positive value indicates scale tendency) a blank indicates some tests were not run

Temperature 86F 30.0C 104F 40.0C 122F 50.0C 140F 60.0C 168F 70.0C 176F 80.0C CaCO3 SI

CaSO4 SI

Comments:

If you have any questions or require further information, please contact us.

Tan Paul Gonzales

Sincerely,

Laboratory Technician

cc: Jay Brown Joe Hay

P.O. Box 61427, Midland, TX 79711 • 4312 S. County Rd. 1298, Midland, TX 79765 Office: (915) 563-0241 • Fax: (915) 563-0243





P.O. BOX 98 MIDLAND, TX. 79702 PHONE (432) 683-4521

### Martin Water Laboratories, Inc.

709 W. INDIANA MIDLAND, TEXAS 79701 FAX (432) 682-8819

### RESULT OF WATER ANALYSES

		LABORATORY NO.	807-51 (pg 1)
TO:	Mr. Larry Ridenour	SAMPLE RECEIVED	7-31-07
HCR 60.	, Box 423, Lovington, NM 88260	RESULTS REPORTED	8-8-07
COMPANY	Chevron	_ LEASE	
FIELD OR P	00L		
SECTION_	BLOCK SURVEY COUNTY .	Lea STATE	NM
SOURCE OF	F SAMPLE AND DATE TAKEN: VGWU #1.		
NO. 2	VGWU #2.		
NO. 3	Central Vacuum #2.		
NO. 4	Central Vacuum #3.		
REMARKS:	Samples taken by Tyler Ogden, Martin	Water Labs, Inc. on 7-31-07	
<u></u>	OUTHOR: AND DIE	(OLON DOCOTOTICS	

pecific Gravity at 60° F.				- 1 -
pecific Gravity at 60° F.	NO. 1	NO. 2	NO. 3	NO. 4
	1.0032	1.0030	1.0024	1.0032
H When Sampled				
H When Received	7.45	7.39	7.45	7.56
icarbonate as HCO,	207	159	171	134
Supersaturation as CaCO,				
Undersaturation as CaCO,				
otal Hardness as CaCO,	276	380	720	276
alcium as Ca	85	114	240	82
lagnesium as Mg	16	23	29	17
odlum and/or Potassium	62	69	143	117
ullate as SO.	81	95	115	115
hioride as Ci	111	213	547	213
on as Fe	0.25	0.15	0.10	0.15
arium as Ba				
urbidity, Electric				
olor as Pt				
otal Solids, Calculated	561	672	1,245	, 679
emperature *F.				ı
arbon Dioxide, Calculated				
Issolved Oxygen,	·			
ydrogen Sulfide	0.0	0.0	0.0	0.0
esistivity, ohms/m at 77° F.	12.98	9.59	4.84	9.34
uspended Oll	·			
iltrable Solids es mg/l				
Volume Filtered, mi				
litrate, as N	4.2	4.1	2.4	2.4
initially the 13	Results Reported As Milligram		3.4	2.4
dditional Determinations And Ramarks	Treating Traperton As Milligrani	a . F. Fila.		

Form No. 3

Ву





P.O. BOX 98 MIDLAND, TX. 79702 PHONE (432) 683-4521

### Martin Water Laboratories, Inc.

709 W. INDIANA MIDLAND, TEXAS 79701 FAX (432) 682-8819

### **RESULT OF WATER ANALYSES**

	1	ABORATORY NO	80	7-51 (pg 2)	
Mr. Larry Ridenour			7_7	7-31-07	
HCR 60, Box 423, Lovington, NM 88	260	SAMPLE RECEIVED	0 (	8-8-07	
		RESULTS REPORTED		<i>.</i>	
COMPANY					
		EASE		· · · · · · · · · · · · · · · · · · ·	
FIELD OR POOL SURVEY	COUNTY Le	a STATE	NN	М	
	COUNTY	SIAIE -			
SOURCE OF SAMPLE AND DATE TAKEN: UGSAU #1.					
NO. 1					
NO. 2 UGSAU #4.					
NO. 3					
NO. 4				<del></del>	
REMARKS: Samples taken by	Tyler Ogden, Martin Water	Labs, Inc. on 7-31-07			
	HEMICAL AND PHYSICA	I PROPERTIES			
	NO. 1	NO. 2	NO. 3	NO. 4	
Specific Gravity at 60° F.	1.0018	1.0022			
pH When Sampled					
pH When Received	7.51	7.62			
Bicarbonate as HCO,	171	171			
Supersaturation as CaCO,					
Undersaturation as CaCO,					
Total Hardness as CaCO,	256	180			
Calcium as Ca	83	58			
Magnesium as Mg	12	9			
Sodium and/or Potassium	77	16			
Sulfate as SO.	61	24			
Chloride as Cl	156	36			
Iron as Fe	0.15	0.20			
Barium as Ba					
Turbidity, Electric					
Color as Pt					
Total Solids, Calculated	560	313			
Temperature *F.					
Carbon Dioxide, Calculated					
Dissolved Oxygen,		0.0			
Hydrogen Sulfide	0.0	0.0			
Resistivity, ohms/m at 77° F.	12.30	27.20			
Suspended Oil					
Filtrable Solids as mg/l		· · · · · · · · · · · · · · · · · · ·			
Volume Filtered, ml					
Nitrate, as N	3.4	3.4			
	Results Reported As Milligra	<del></del>	L		
-Additional-Determinations-And-Remarks	The undersigned cer	tifies the above to be	true and correc	t to the	
best of his knowledge and belief.					
			**************************************		
Form No. 3					

LATHAM PRINTING CO. - 333-1292

Greg Ogden, B.S.