

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. 1st Street, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-101
Revised March 17, 1999

Oil Conservation Division
1220 S. St. Francis Dr.
Santa Fe, NM 87505

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

☐ AMENDED REPORT

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

¹ Operator Name and Address Chevron U.S.A. Inc. 15 Smith Road - Midland, Texas 79705		² OGRID Number 4323
⁴ Property Code 30022	⁵ Property Name Vacuum Grayburg San Andres Unit	³ API Number 30-025-36681
		⁶ Well No. 134

⁷ Surface Location									
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
K	1	18-S	34-E		2630	South	1980	West	Lea

⁸ Proposed Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
⁹ Proposed Pool 1 Vacuum Grayburg San Andres					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code Injection	¹³ Cable/Rotary Rotary	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3985'
¹⁶ Multiple N	¹⁷ Proposed Depth 4450'	¹⁸ Formation San Andres	¹⁹ Contractor	²⁰ Spud Date 4/26/04

²¹ Proposed Casing and Cement Program					
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4"	8 5/8"	24#	1550'	1200	0
7 7/8"	5 1/2"	15.5#	4850'	850	

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone.
Describe the blowout prevention program, if any. Use additional sheets if necessary.

CEMENTING PROGRAM:

SURFACE CASING: LEAD: 545 sx Poz Class C Cement + 6% Bentonite + 2% Calcium Chloride + 0.25 pps Celloflake. TAIL: 200 sx Class C Cement + 0.25 pps Celloflake + 2% Calcium Chloride.
PRODUCTION CASING: LEAD: 320 sx Poz Class C Cement + 6% Bentonite + 5% Sodium Chloride + 0.25 lb/sx Celloflake. TAIL: 305 sx Poz Class C Cmt + 5% Sodium Chloride + 2% Bentonite + 0.25 lb/sx Celloflake.
BOP PROGRAM: Type Working Pressure Test Pressure Manufacturer
Pipe 3000 1500 Shaffer
Blind 3000 1500 Shaffer

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Laura Skinner*

Printed name: **Laura Skinner**

Title: **Regulatory Specialist**

Date: **4/23/04**

Phone: **(432) 687-7355**

OIL CONSERVATION DIVISION

Approved by: *Paul J. Roney*

Title: **PETROLEUM ENGINEER**

Approval Date: **APR 26 2004**

Expiration Date:

Conditions of Approval:

Attached ☒

C-101/C-144 DRILLING PIT REGISTRATION CODITIONS OF APPROVAL

API number:	30-025-36681		
OGRID:	4323	Operator:	CHEVRON U S A INC.
			15 SMITH RAOAD
			MIDLAND TX 79705
		Property:	VACUUM GB-SA UNIT # 134

surface	ULSTR:	K	1	T	18S	R	34E
			2630	FSL	1980	FWL	

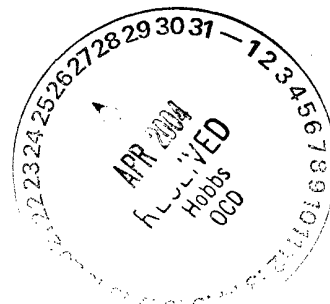
XXXXXX	Pit must be lined with a minimum of a 12 mil re-enforced or 20 mil re-enforced liner.
XXXXXX	The pit must be deep enough so that when pit is closed it can be covered with 3 feet of dirt and surface leveled
	If the pit is to be encapsulated in place, the liner is to be a minimum thickness of 20 mil re-enforced liner
XXXXXX	When using a 12 mil nylon re-enforced liner. The contents of the pit must be removed along with the liner and disposed of in an approved facility within 6 months of completion of the well.
	When using a 20 mil liner. The pit must be closed within 6 months of completion of the well.
XXXXXX	This site has a Ranking Score of 20 points or higher . The contents of the pit must be removed along with the liner and disposed of in an approved facility within 6 months of completion of the well.
XXXXXX	Before pit is closed, submit a subsequent Form C-144 along with any additional information which may be applicable to the appropriate NMOCD District Office for approval.
XXXXXX	Notify appropriate NMOCD District Office by E-mail 48 hrs prior to closing pit.
XXXXXX	The operator is required to comply with NMOCD guidelines.
XXXXXX	OCD approval does not release the operator of its responsibilities for compliance with any other federal, state, or local laws and/or regulations.

Drilling Pit Registration Approval
 District Supervisor Chris Williams
 District Geologist Paul F Kautz

505-393-6161
 ext 102
 ext 104

Drilling Pit closure
 Environmental Spec Larry Johnson
 Environmental Spec Paul Sheeley

505-393-6161
 ext 111 lwjohnson@state.nm.us
 ext 113 psheeley@state.nm.us



District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-144
March 12, 2004

For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☒ No ☐

Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☐

Operator: Chevron U. S. A. Inc. Telephone: _____ e-mail address: _____
Address: 15 Smith Road - Midland, Texas 79705
Facility or well name: Vacuum GB SA Unit No. 134 API #: 32-025-76681 U/L or Qtr/Qtr K Sec 1 T 18S R 34E
County: Lea Latitude _____ Longitude _____ NAD: 1927 ☐ 1983 ☐ Surface Owner Federal ☐ State ☒ Private ☐ Indian ☐

Pit

Type: Drilling ☒ Production ☐ Disposal ☐

Workover ☐ Emergency ☐

Lined ☒ Unlined ☐

Liner type: Synthetic ☒ Thickness 12 per L.S. 6 mil Clay ☐ Volume
3856 bbl

Below-grade tank

Volume: _____ bbl Type of fluid: _____

Construction material: _____

Double-walled, with leak detection? Yes ☐ If not, explain why not. _____

Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)

Less than 50 feet

(20 points)

50 feet or more, but less than 100 feet

(10 points)

100 feet or more

(0 points)

Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)

Yes

(20 points)

No

(0 points)

Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)

Less than 200 feet

(20 points)

200 feet or more, but less than 1000 feet

(10 points)

1000 feet or more

(0 points)

Ranking Score (Total Points)

(20 points)

If this is a pit closure: (1) attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location:

onsite ☐ offsite ☐ If offsite, name of facility: _____ (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☐ Yes ☐ If yes, show depth below ground surface _____ ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described 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 ☒.

Date: 4/23/04

Printed Name/Title Jason LaGrega - Drlg Engr.

Signature _____

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

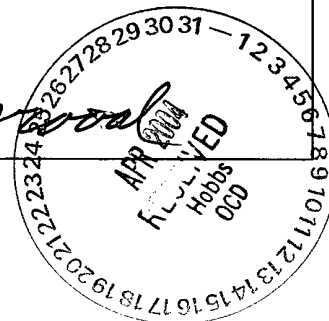
Approval:

Date: 4/26/04

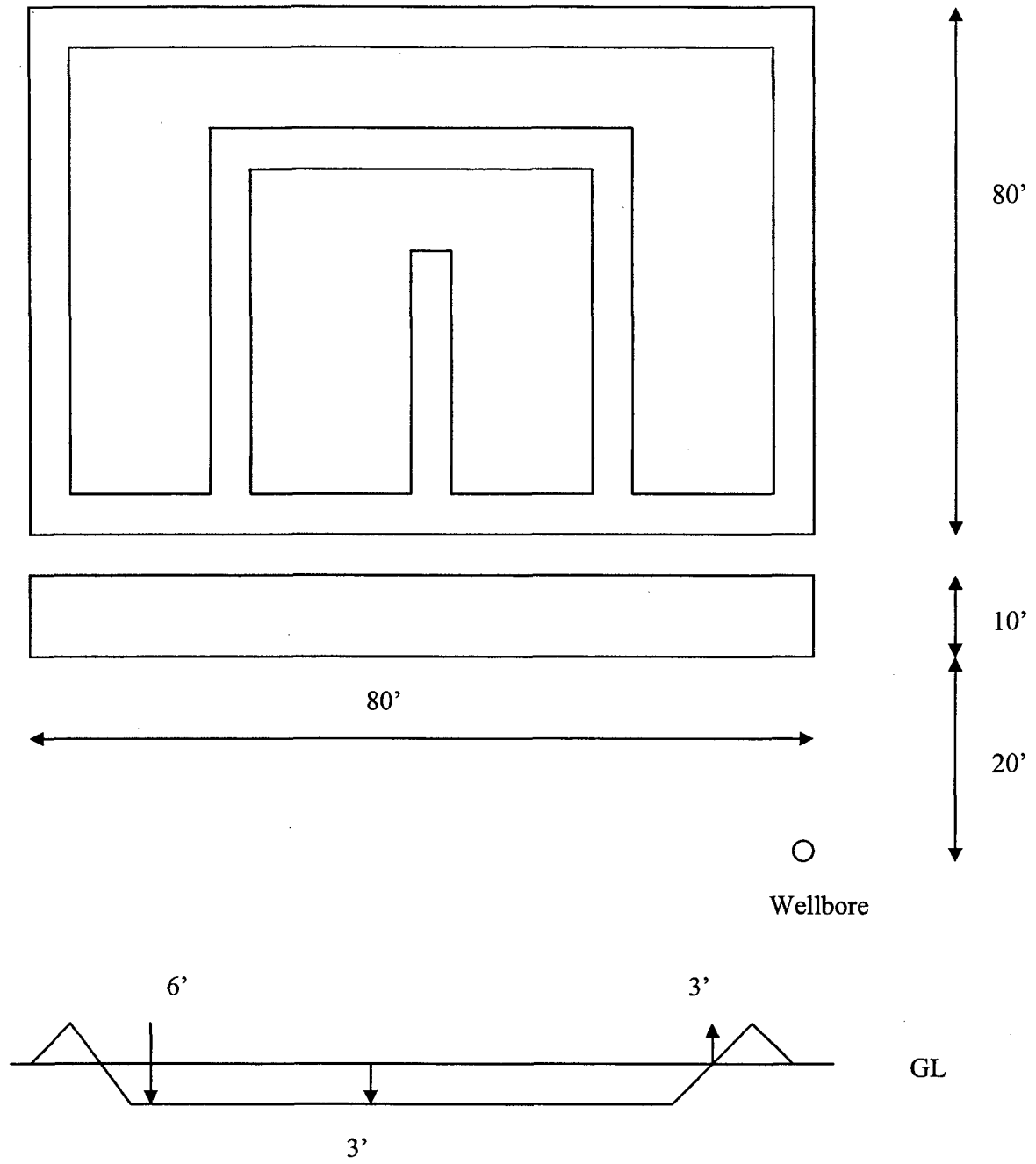
Printed Name/Title PAUL F. KAUTZ

Signature _____

See Conditions of approval



VGSAU Pit Design



ChevronTexaco

April 23, 2004

To whom it may concern,

I, Jason LaGrega, Drilling Engineer for ChevronTexaco, hereby certify that the pit design and construction for the Vacuum Grayburg San Andres Unit wells #132 and #134 are according to the guidelines for a standard pit for CapStar Rig #16.

Sincerely,


Jason LaGrega

*must also
meet guidelines
of NMOC*



DISTRICT I
P. O. Box 1980, Hobbs, NM 88240

DISTRICT II
P. O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

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

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 10, 1994

Instructions on back

Submit to Appropriate District Office

State Lease-4 copies
Fee Lease-3 copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-36687		² Pool Code 62180		³ Pool Name Vacuum Grayburg San Andres					
⁴ Property Code 30022		⁵ Property Name Vacuum Grayburg San Andres Unit						⁶ Well Number 134	
⁷ GRID No. 4323		⁸ Operator Name Chevron USA Inc.						⁹ Elevation 3985'	
¹⁰ Surface Location									
UL or lot no. K	Section 1	Township 18-S	Range 34-E	Lot Idn	Feet from the 2630'	North/South line SOUTH	Feet from the 1980'	East/West line WEST	⁷ County Lea
¹¹ Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	⁷ County
¹² Dedicated Acres 40		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.			

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

	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.
	Signature
	Printed Name Ted Tipton
	Position Manager of Drilling Department
	Company Chevron USA, Inc.
	Date August 11, 2003
	¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.
	Date Surveyed August 4, 2003
	Signature & Seal of Professional Surveyor
	Certificate No. 7254 John S. Piper
Sheet	

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

ADDITIONAL INFORMATION ON THE LOCATION

State Plane Coordinates			
Northing 647330.264 (1927=647265.311)		Easting 792518.214 (1927=751339.170)	
Latitude 1983= 32°46'36".762 1927= 32°46'36".142		Longitude 1983= 103°30'57".915 1927= 103°31'27".045	
Zone East 1927	North American Datum	Combined Grid Factor 0.99979145	Coordinate File Buckeye.cr5
Drawing File VGSAU134.dwg		Field Book Lea County 23, Pg. 28	