

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., 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 and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

Form C-101

**APPLICATION FOR PERMIT TO DRILL**

Operator Name and Address <b>Chevron U.S.A. Inc. 15 Smith Road Midland, TX 79705</b>		OGRID Number <b>4323</b>
		API Number <b>30-25-36356</b>
Property Code <b>30022</b>	Property Name <b>VACUUM GRAYBURG SAN ANDRES UNIT</b>	Well No. <b>125</b>

**Surface Location**

UL or Lot <b>L</b>	Section <b>1</b>	Township <b>18S</b>	Range <b>34E</b>	Lot Idn	Feet From <b>1980</b>	N/S Line <b>S</b>	Feet From <b>15</b>	E/W Line <b>W</b>	County <b>Lea</b>
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**Proposed Pools**

<b>VACUUM;GRAYBURG-SAN ANDRES 62180</b>
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Work Type <b>New Well</b>	Well Type <b>Oil</b>	Cable/Rotary	Lease Type <b>State</b>	Ground Level Elevation <b>4001</b>
Multiple <b>N</b>	Proposed Depth <b>4850</b>	Formation <b>San Andres Formation</b>	Contractor	Spud Date <b>8/11/2003</b>

**Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	8.625	24	1550	1200	0
Prod	7.875	5.5	15.5	4850	850	0

**Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Pipe	3000	1500	Shaffer
Blind	3000	1500	Shaffer

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

Electronically Signed By: Edward Van Reet

Title: Manager

Date: 8/6/2003

Phone: 915-687-7329

**OIL CONSERVATION DIVISION**

Electronically Approved By: Paul Kautz

Title: Geologist

Approval Date: 8/7/2003

Expiration Date: 8/7/2004

Conditions of Approval:

There are conditions. See Attached.

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Form C-102

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**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-25-36356	Pool Name VACUUM;GRAYBURG-SAN ANDRES	Pool Code 62180
Property Code 30022	Property Name VACUUM GRAYBURG SAN ANDRES UNIT	Well No. 125
OGRID No. 4323	Operator Name Chevron U.S.A. Inc.	Elevation 4001

**Surface And Bottom Hole Location**

UL or Lot L	Section 1	Township 18S	Range 34E	Lot Idn	Feet From 1980	N/S Line S	Feet From 15	E/W Line W	County Lea
Dedicated Acres 40		Joint or Infill		Consolidation Code		Order No.			

**OPERATOR CERTIFICATION**

*I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.*

Electronically Signed By: Edward Van Reet

Title: Manager

Date: 8/6/2003

**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 belief.*

Electronically Signed By: John Piper

Date of Survey: 8/4/2003

Certificate Number: 7254

# APD Conditions Of Approval

**Operator:** 4323 Chevron U.S.A. Inc.  
**Well:** VACUUM GRAYBURG SAN ANDRES UNIT 125

OCD Reviewer	Condition
PKAUTZ	Drilling Fluid Surface. 1) Fresh water or fresh water spud mud shall be used to drill to surface casing depth. 2) Non-toxic or biodegradable water based polymers, drilling paper, starch and gels may be used in the mud system in order to retard seepage into the redbeds. 3) Caustics and Lime shall not be used in the red beds. However, sodium carbonate maybe used for alkalinity or ph control while drilling red beds above the Rustler Fm.
PKAUTZ	Surface casing should be set at least 25 feet into the top of the Rustler Anhydrite and cement circulated to surface.