

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Form C-101  
August 1, 2011  
Permit 162180

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

1. Operator Name and Address CHEVRON U S A INC Attn: Sandy Stedman-Daniel Houston, TX 77252		2. OGRID Number 4323
4. Property Code 30022		3. API Number 30-025-40994
5. Property Name VACUUM GRAYBURG SAN ANDRES UNIT		6. Well No. 247

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
H	2	18S	34E	H	1800	N	145	E	LEA

**8. Proposed Bottom Hole Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
H	2	18S	34E	H	1320	N	100	E	Lea

**9. Pool Information**

VACUUM;GRAYBURG-SAN ANDRES	62180
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**Additional Well Information**

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 4003
16. Multiple N	17. Proposed Depth 5300	18. Formation San Andres	19. Contractor	20. Spud Date
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

**21. Proposed Casing and Cement Program**

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	14.75	11.75	42	1525	1300	
Int1	11	8.625	32	3200	750	
Prod	7.875	5.5	17	5300	1150	

**Casing/Cement Program: Additional Comments**

SURF: 13.6PPG, 1.72 FT3/SK, 8.759 GPS MIX WTR, TOC-SURF INTER: LEAD:12.8PPG,1.97 FT3/SK, 10.850 GPS MIX WTR, TOC-SURF TAIL: 14.2PPG, 1.51 FT3/SK, 7.334 GPS MIX WTR, TOC-SURF PROD: LEAD: 13.5PPG, 1.27 FT3/SK, 6.096 GPS MIX WTR - TOC- SURF TAIL: 16.00 PPG,1.12 FT3/SK, 3.495 GPS MIX WTR, TOC-SURF

**22. Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Annular	3000	1500	
Pipe	5000	3000	
Pipe	5000	3000	

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify I have complied with 19.15.14.9 (A) NMAC <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> , if applicable. Signature:	<b>OIL CONSERVATION DIVISION</b>
Printed Name: Electronically filed by Denise Pinkerton	Approved By: Paul Kautz
Title: Regulatory Specialist	Title: Geologist
Email Address: leakage@chevron.com	Approved Date: 2/14/2013    Expiration Date: 2/14/2015
Date: 2/11/2013    Phone: 432-687-7375	Conditions of Approval Attached

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Form C-102  
August 1, 2011  
Permit 162180

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-025-40994	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 No. 247
7. OGRID No. 4323	8. Operator Name CHEVRON U S A INC	9. Elevation 4003

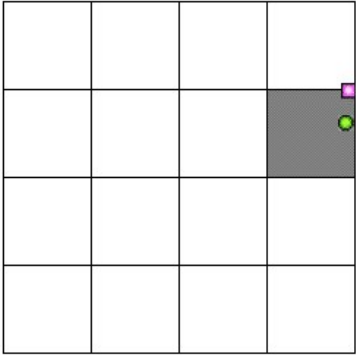
**10. Surface Location**

UL - Lot H	Section 2	Township 18S	Range 34E	Lot Idn H	Feet From 1800	N/S Line N	Feet From 145	E/W Line E	County LEA
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**11. Bottom Hole Location If Different From Surface**

UL - Lot H	Section 2	Township 18S	Range 34E	Lot Idn H	Feet From 1320	N/S Line N	Feet From 100	E/W Line E	County LEA
12. Dedicated Acres 40.00		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**

	<p style="text-align: center;"><b>OPERATOR CERTIFICATION</b></p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i></p> <p>E-Signed By: Denise Pinkerton Title: Regulatory Specialist Date: 2/11/2013</p> <hr/> <p style="text-align: center;"><b>SURVEYOR CERTIFICATION</b></p> <p><i>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.</i></p> <p>Surveyed By: RONALD EIDSON Date of Survey: 10/19/2012 Certificate Number: 3239</p>
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## Permit Comments

**Operator:** CHEVRON U S A INC , 4323

**Well:** VACUUM GRAYBURG SAN ANDRES UNIT #247

**API:** 30-025-40994

Created By	Comment	Comment Date
DPINKERTON	C-144 & PLATS WILL BE MAILED IN TODAY	2/11/2013
pkautz	Land s/S	2/13/2013
CHERRERA	OCD RECEIVED FORM C144 CLEZ. OCD PERMIT # P1-05760	2/14/2013

## Permit Conditions of Approval

**Operator:** CHEVRON U S A INC , 4323

**Well:** VACUUM GRAYBURG SAN ANDRES UNIT #247

**API:** 30-025-40994

OCD Reviewer	Condition
pkautz	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string
pkautz	Estimated depth from ground level to Rustler Anhydrite is 1500'. Surface casing is to be set 25' below top of Rustler Anhydrite in order to seal off protectable water.