

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

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

1. Operator Name and Address CHEVRON U S A INC 11111 S WILCREST HOUSTON , TX 77099		2. OGRID Number 4323
		3. API Number 30-025-37994
4. Property Code 30022	5. Property Name VACUUM GRAYBURG SAN ANDRES UNIT	6. Well No. 145

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
F	2	18S	34E	F	1355	N	1910	W	LEA

**8. Pool Information**

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

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 4018
14. Multiple N	15. Proposed Depth 5200	16. Formation San Andres	17. Contractor	18. Spud Date
Depth to Ground water 100		Distance from nearest fresh water well > 1000		Distance to nearest surface water > 1000

Pit: Liner: Synthetic ☒ 20 \_\_\_\_\_ mils thick Clay ☐ Pit Volume: 7000 \_\_\_\_\_ bbls Drilling Method:  
 Closed Loop System ☐ Fresh Water ☒ Brine ☐ Diesel/Oil-based ☐ Gas/Air ☐

**19. 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	400	310	
Int1	11	8.625	24	2800	1095	
Prod	7.875	5.5	15.5	5200	670	

**Casing/Cement Program: Additional Comments**

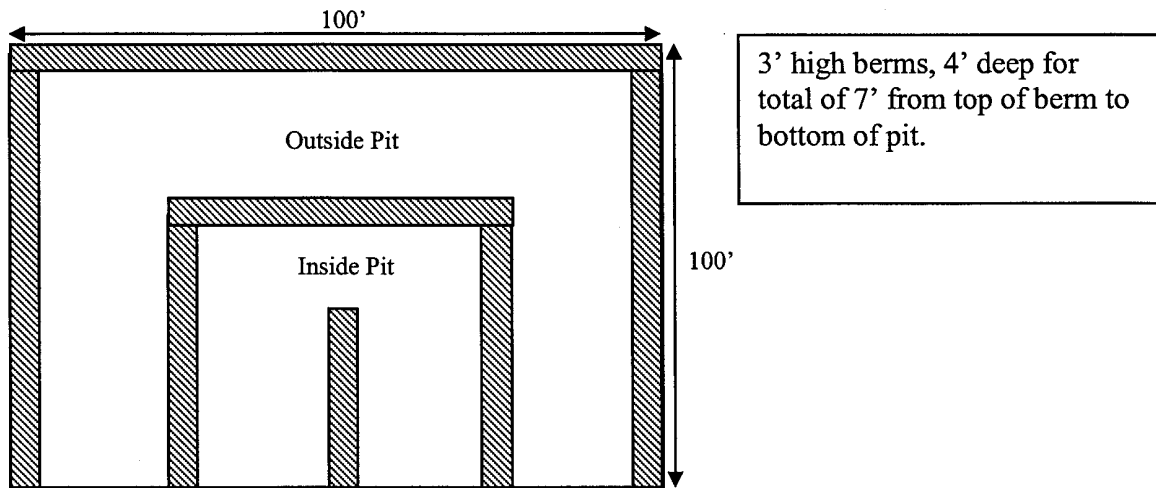
11 3/4", 42#, H-40, ST&C SURF CSG. LEAD/TAIL-310 SX 14.8 PPG CL C, 0.1 PPS CELLO FLAKE, 2% CACL2. 8 5/8", 24#, J-55, ST&C INTER CSG. LEAD/TAIL-335 SX 14.8 PPG CL C, 5% SALT, 4% GEL, 760 SX CL C, 5% SALT. 5 1/2", 15.5#, J-55, LT&C PROD CSG. LEAD/TAIL-250 SX 12.4 PPG, 35-65 POZ CL H, 5% SALT, 6% GEL, 0.1 PPS CELLOFLAKE, 0.2% FLUID LOSS ADDITIVE, 420 SX 14.2 PPG, 50-50 POZ CL H, 5% SALT, 2% GEL, 0.1 PPS CELLOFLAKE, 0.3% FLUID LOSS ADDITIVE, 0.2% FLUID LOSS ADDITIVE

**Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	2000	
Double Ram	5000	2000	

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines <input checked="" type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .	<b>OIL CONSERVATION DIVISION</b>
Printed Name: Electronically filed by Denise Pinkerton	Approved By: Paul Kautz
Title: Regulatory Specialist	Title: Geologist
Email Address: leakejd@chevron.com	Approved Date: 7/10/2006   Expiration Date: 7/10/2007
Date: 7/10/2006   Phone: 432-687-7375	Conditions of Approval Attached

**Nabors 353**  
**New Mexico Wells**



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 St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION  
1220 South St. Francis Drive  
Santa Fe, NM 87505

Form C-1021  
Revised October 12, 2005

Submit to Appropriate District Office  
State Lease-4 copies  
Fee Lease-3 copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number		<sup>2</sup> Pool Code 62180		<sup>3</sup> Pool Name VACUUM GRAYBURG SAN ANDRES					
<sup>4</sup> Property Code 30022		<sup>5</sup> Property Name VACUUM GRAYBURG SAN ANDRES UNIT				<sup>6</sup> Well Number 145			
<sup>7</sup> GRID No. 4233		<sup>8</sup> Operator Name CHEVRON USA, INC>				<sup>9</sup> Elevation 4018'			
<sup>10</sup> Surface Location									
UL or lot no. F	Section 2	Township 18-S	Range 34-E	Lot Idn	Feet from the 1355'	North/South line North	Feet from the 1910'	East/West line West	<sup>7</sup> County Lea
<sup>11</sup> 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	<sup>7</sup> County
<sup>12</sup> Dedicated Acres 10		<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> 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.

	<sup>17</sup> OPERATOR CERTIFICATION 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 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.  Signature: Denise Pinkerton Date: 7-6-06  Printed Name: DENISE PINKERTON	
	<sup>18</sup> 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 of Survey: 7/3/06  Signature & Seal of Professional Surveyor: John S. Piper  Certificate No. PLS #7254 John S. Piper	

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

ADDITIONAL INFORMATION ON THE LOCATION

State Plane Coordinates Northing 648583.05		Easting 787144.95	
Latitude 32°46'49.563"		Longitude 103°32'00.736"	
Zone East	North American Datum 1983	Combined Grid Factor 0.999978314	Coordinate File Buckeye.crd
Drawing File VGSAU145.Dwg		Field Book	

# Permit Conditions of Approval

Operator: CHEVRON U S A INC , 4323

Well: VACUUM GRAYBURG SAN ANDRES UNIT #145

API: 30-025-37994

OCD Reviewer	Condition
pkautz	Pit construction and closure must satisfy all requirements of your approved plan, O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines
pkautz	prior to any pit construction notify Gary Wink at 505-393-6161 ext 114