

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 30-025-38628
4. Property Code 30022	5. Property Name VACUUM GRAYBURG SAN ANDRES UNIT	6. Well No. 228

7. Surface Location

UL - Lot I	Section 1	Township 18S	Range 34E	Lot Idn I	Feet From 2180	N/S Line S	Feet From 690	E/W Line E	County LEA
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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 3984
14. Multiple N	15. Proposed Depth	16. Formation San Andres	17. Contractor	18. Spud Date
Depth to Ground water 120		Distance from nearest fresh water well		Distance to nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> mls thick Clay <input type="checkbox"/> Pit Volume: bbls Drilling Method: Closed Loop System <input checked="" type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

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	1500	995	
Int1	11	8.625	24	3200	960	
Prod	7.875	5.5	15.5	5000	935	

Casing/Cement Program: Additional Comments

11 3/4"-H-40,ST&C,LEAD:795SX,13.5PPG,Y-1.74 CU.FT/SX,CL C+4%BENTONITE+0.1PPS POLYFLAKE,2%CACL TAIL:200 SX,14.8PPG,Y-1.34 CU.FT/SX,CL C+0.1PPS POLYFLAKE,2%CACL 8 5/8"-K-55,ST&C,DV@1600',STG 1:LEAD 445 SX,13.5PPG,Y-1.72 CU.FT/SX,CL C+4%BENTONITE,0.2%ANTIFOAMER, TAIL:200 SX,14.8PPG,Y-1.36 CU.FT/SX,CL C+5%SALT,0.1PPS POLYFLAKE, STG 2:LEAD:155 SX,13.5 PPG,Y-1.73 CU.FT/SX,CL C+4%BENTONITE,1%CACL, TAIL:160SX,14.8PPG,1.33 CU.FT/SX,CL C+1%CACL 5 1/2"-0 TO4000',15.5 PPF,K-55 LT&C,4000-5200', 17PPF,K-55,LT&C LEAD:290SX,12.4PPG,Y-2.15 CU.FT/SX,35-65 POZ,CL H+5%SALT+6%BENTONITE,0.1PPS POLYFLAKE,0.2% ANTIFOAMER, TAIL:645SX,14.2PPG,Y-1.36 CU.FT/SX,50-50 POZ,CL H+5%SALT,+2%BENTONITE,0.1PPS POLYFLAKE+0.3%UNIFLAC+0.2%ANTIFOAMER

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	3000	2500	
Blind	3000	2500	
Pipe	3000	2500	

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 type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> . Printed Name: Electronically filed by Denise Pinkerton Title: Regulatory Specialist Email Address: leakejd@chevron.com Date: 12/7/2007 Phone: 432-687-7375	OIL CONSERVATION DIVISION	
	Approved By: Paul Kautz	
	Title: Geologist	
	Approved Date: 12/11/2007 Expiration Date: 12/11/2008	
	Conditions of Approval Attached	

DISTRICT I
1825 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

Form C-1021
Revised October 12, 2005
Submit to Appropriate District Office
State Lease-4 copies
Fee Lease-3 copies

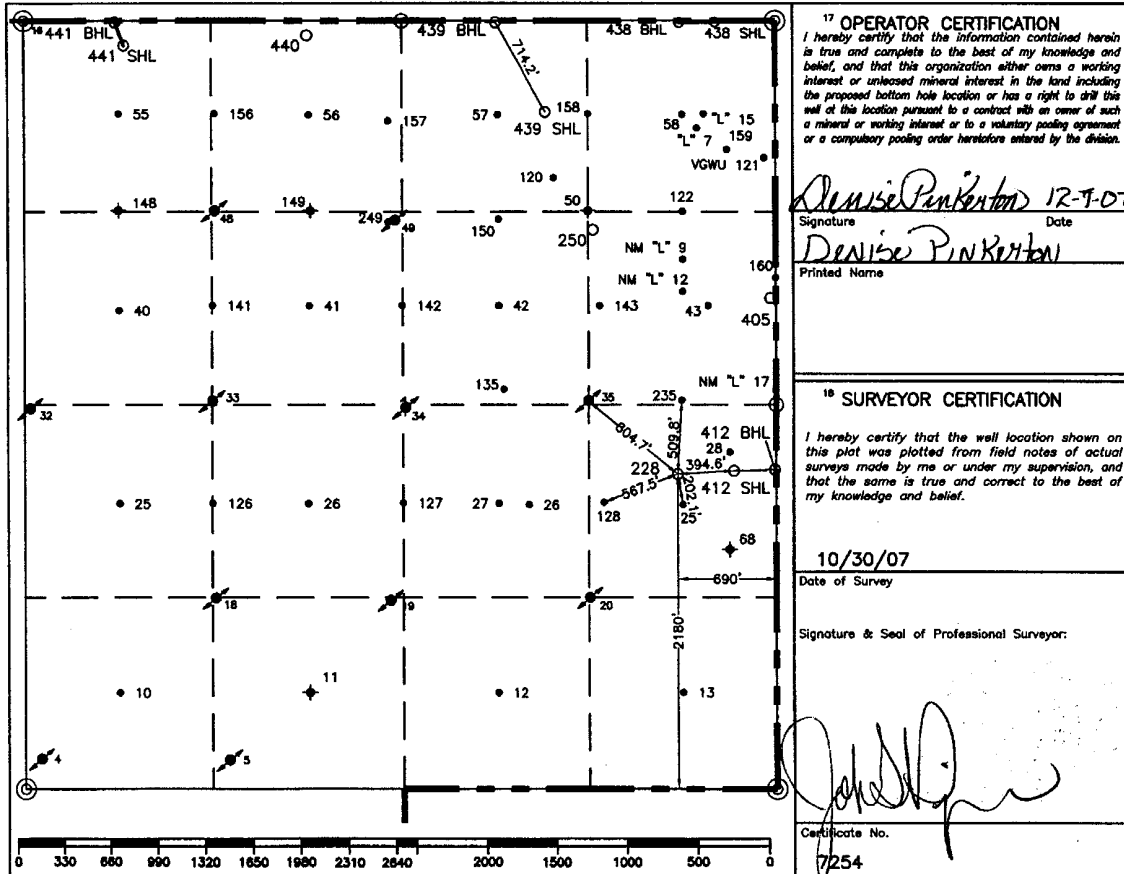
OIL CONSERVATION DIVISION
1220 South St. Francis Drive
Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		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 228		
7 OGRD No. 4323		8 Operator Name CHEVRON USA, INC.			9 Elevation 3984'		
10 Surface Location							
UL or lot no. 1	Section 1	Township 18-S	Range 34-E	Lot Idn	Feet from the North/South line 2180'	Feet from the East/West line 690'	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	County
12 Dedicated Acres 10		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.



ADDITIONAL INFORMATION ON THE LOCATION

State Plane Coordinates			
Northings	646921.01 (1927=646856.03)	Easting 795126.98 (1927=753947.90)	
Latitude 32°46'32.512"		Longitude 103°30'27.398"	
Zone	North American Datum	Combined Grid Factor	Coordinate File
East	1983	0.99979576	Buckeye.Crd
Drawing File VGSAU-Sec1.Dwg		Field Book Lea #24, Pg. 17	

Permit Conditions of Approval

Operator: CHEVRON U S A INC , 4323

Well: VACUUM GRAYBURG SAN ANDRES UNIT #228

API: 30-025-38628

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