

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 30-025-38785
4. Property Code 30022	5. Property Name VACUUM GRAYBURG SAN ANDRES UNIT	6. Well No. 438

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
A	1	18S	34E	1	10	N	420	E	LEA

8. Pool Information

VACUUM;GRAYBURG-SAN ANDRES	62180
VACUUM;GRAYBURG-SAN ANDRES	62180

Additional Well Information

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3986
14. Multiple Y	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"/> miles 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	1010	
Int1	11	8.625	24	2800	835	
Prod	7.875	5.5	15.5	5200	585	

Casing/Cement Program: Additional Comments

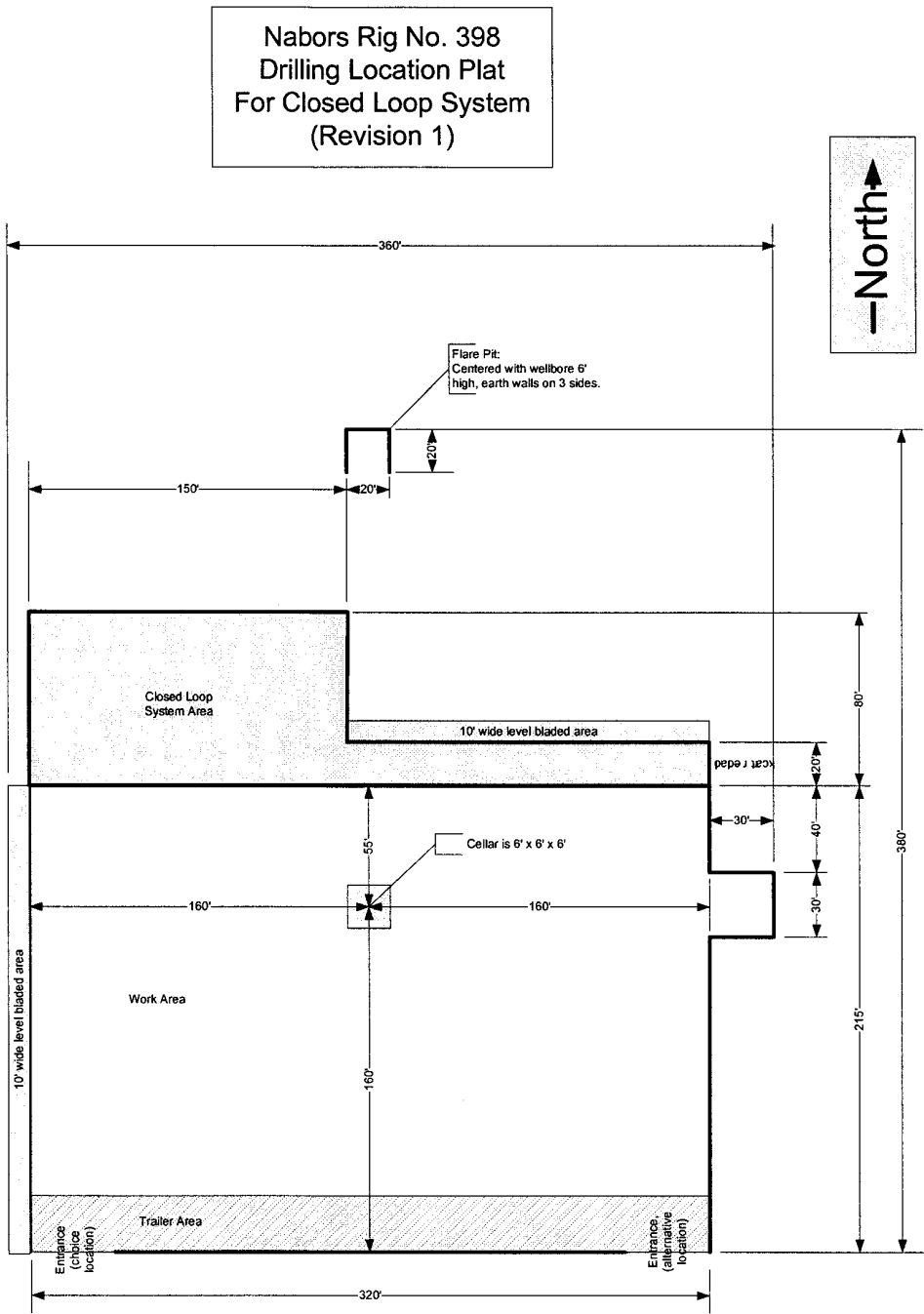
SURF:755SX,13.5PPG,1.74FT3/SX,9.09GAL/SX,CLC,4%BENTONITE,0.1PPS
 POLYFLAKE...255SX,14.8PPG,1.34FT3/SX,6.29GAL/SX,CLC INTL:550SX,14.8
 PPG,1.36FT3/SX,6.43GAL/SX,CLC...LEAD:185SX,13.5PPG,1.73FT3/SX,9.08
 GAL/SX,CLC,TAIL:100SX,14.8PPG,1.33FT3/SX,6.3GAL/SX,CLCPROD: 350SX
 12.4PPG,2.15FT3/SX,11.98GAL/SX,35.65POZ,CLH,TAIL: 235SX,14.2PPG, 1.35FT3/SX,6.33GAL/SX,50:50 POZ CLH

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 NMOCB guidelines <input type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCB-approved plan <input type="checkbox"/> .	OIL CONSERVATION DIVISION
Printed Name: Electronically filed by Denise Pinkerton	Approved By: Chris Williams
Title: Regulatory Specialist	Title: District Supervisor
Email Address: leakejd@chevron.com	Approved Date: 2/29/2008 Expiration Date: 2/28/2010
Date: 9/18/2007 Phone: 432-687-7375	Conditions of Approval Attached

Pit information and Design (Closed Loop System)



Notes:

1. Flare pit should always be in North or Eastern corner of location, to take advantage of prevailing winds in the event of an H2S occurrence.
2. 20' wide roadway should be included to allow access to skip loader tracks from either end.

DISTRICT 1
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

Form C-1021
Revised October 12, 2005

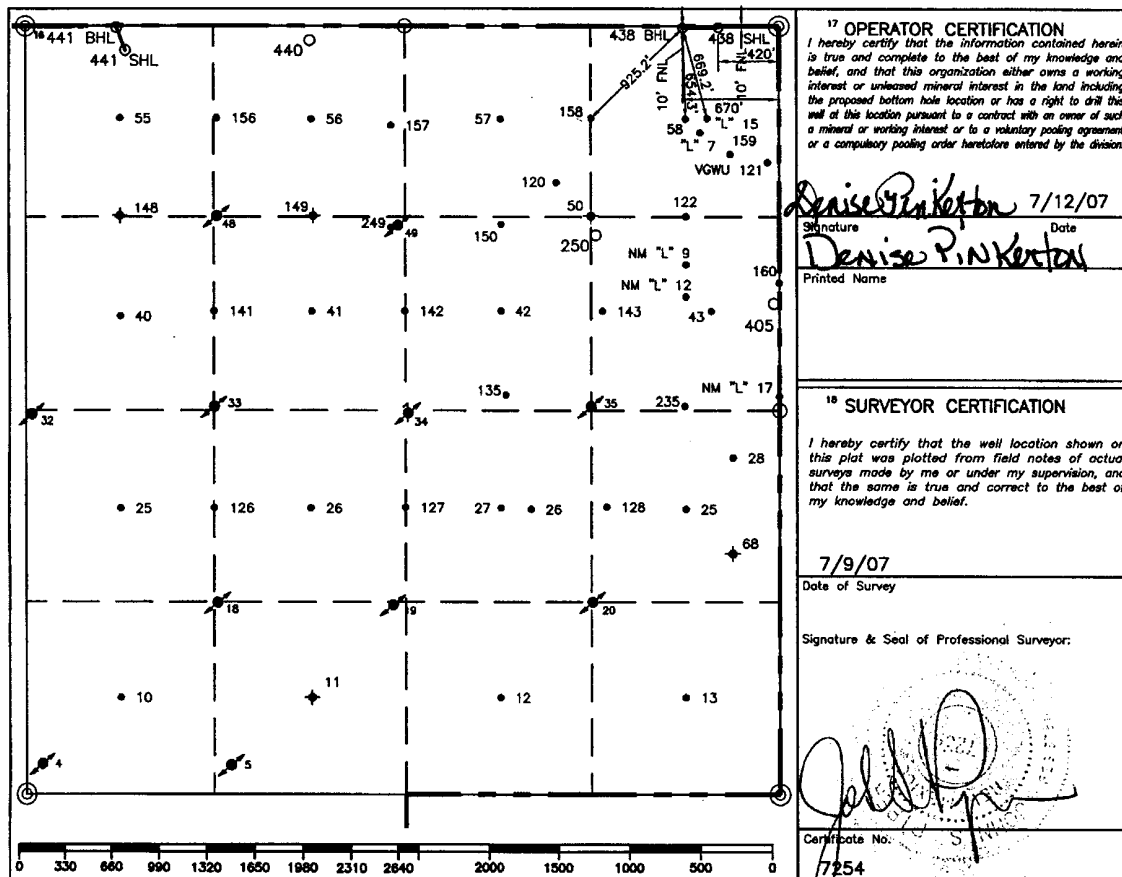
WELL LOCATION AND ACREAGE DEDICATION PLAT
1220 South St. Francis Drive
Santa Fe, NM 87505

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

☐ AMENDED REPORT

1 API Number		2 Pool Code 62180		3 Pool Name Vacuum Grayburg San Andres					
4 Property Code		5 Property Name Vacuum Grayburg San Andres Unit			6 Well Number 438				
7 GRID No. 4323		8 Operator Name CHEVRON USA, INC.			9 Elevation 3986'				
10 Surface Location									
UL or lot no. A	Section 1	Township 18-S	Range 34-E	Lot Idn 10'	Feet from the North	North/South line North	Feet from the 420'	East/West line East	7 County Lea
11 Bottom Hole Location If Different From Surface									
UL or lot no. A	Section 1	Township 18-S	Range 34-E	Lot Idn 10'	Feet from the North	North/South line North	Feet from the 670'	East/West line East	7 County Lea
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.



○ = 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 650033.17 SHL Northing 650029.86 BHL		795360.93 SHL Easting 795110.94 BHL	
Latitude 32°47'03.286" SHL 32°47'03.273" BHL		Longitude 103°30'24.374" SHL 103°30'27.302" BHL	
Zone North American Datum East 1983		Combined Grid Factor 0.99979581	Coordinate File Buckeye.Crd
Drawing File VGSAU-Sec1.Dwg		Field Book Lea #23, Pg. 77	

District II

1301 W. Grand Ave., Artesia, NM 88210
Phone:(505) 748-1283 Fax:(505) 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

Energy, Minerals and Natural Resources

Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-38785	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. 438
7. OGRID No. 4323	8. Operator Name CHEVRON U S A INC	9. Elevation 3986

10. Surface Location

UL - Lot A	Section 1	Township 18S	Range 34E	Lot Idn	Feet From 10	N/S Line N	Feet From 420	E/W Line E	County LEA
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11. Bottom Hole Location If Different From Surface

UL - Lot A	Section 1	Township 18S	Range 34E	Lot Idn 1	Feet From 10	N/S Line N	Feet From 670	E/W Line E	County LEA
12. Dedicated Acres 40.36		13. Joint or Infill		14. Consolidation Code		15. Order No.			

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	<p>SURVEYOR CERTIFICATION</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: JOHN PIPER Date of Survey: 7/9/2007 Certificate Number: 7254</p>																

Permit Conditions of Approval

Operator: CHEVRON U S A INC , 4323

Well: VACUUM GRAYBURG SAN ANDRES UNIT #438

API: 30-025-38785

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
DMULL	NSL-5789, 02/25/08, SUR @ 10/N & 420/E, BHL @ 10/N & 670/E, Vacuum GB/SA.