

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 30-025-38339
4. Property Code 2682	5. Property Name H T MATTERN NCT B	6. Well No. 027

7. Surface Location

UL - Lot O	Section 30	Township 21S	Range 37E	Lot Idn O	Feet From 1310	N/S Line S	Feet From 1705	E/W Line E	County LEA
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8. Pool Information

PENROSE SKELLY,GRAYBURG	50350
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Additional Well Information

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type Private	13. Ground Level Elevation 3488
14. Multiple N	15. Proposed Depth 4300	16. Formation Grayburg	17. Contractor	18. Spud Date
Depth to Ground water 50		Distance from nearest fresh water well > 1000		Distance to nearest surface water > 1000
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 20 miles thick Clay <input type="checkbox"/> Pit Volume: 4106 bbls Drilling Method: Closed Loop System <input type="checkbox"/> Fresh Water <input checked="" 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	12.25	8.625	32	450	475	
Prod	7.875	5.5	17	4300	1050	

Casing/Cement Program: Additional Comments

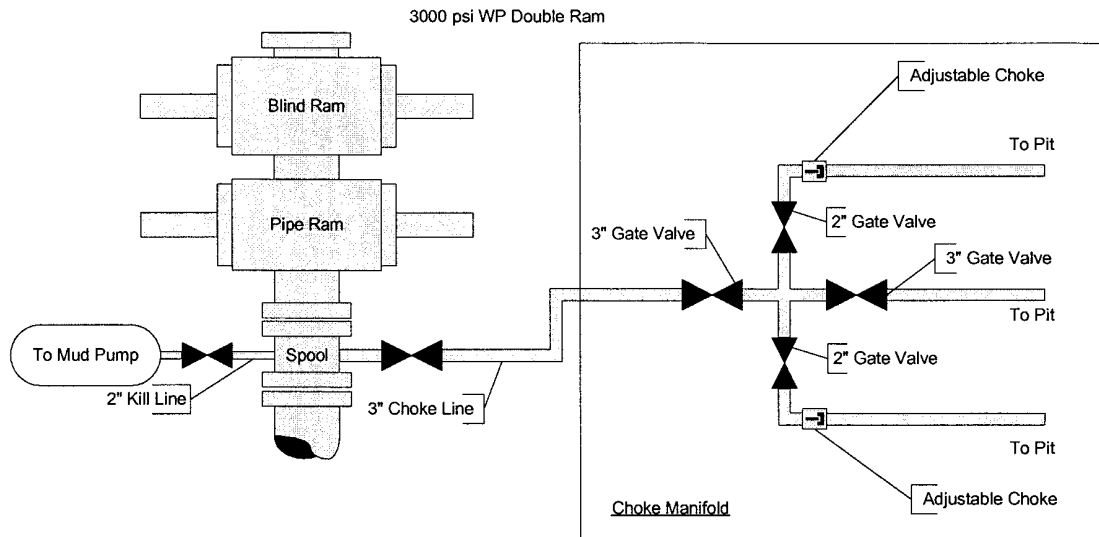
SURFACE:475 SX CL C,0.25PPS D29 CELLOFLAKE,1%CaCL2,WT-14.8,Y-1.34,WTR-6.09 PRODUCTION:LEAD 550 SX 35:65 POZC,5%D44SALT,6%D20 BENTONITE,0.4%D112 FLUID LOSS ADDITIVE,0.25PPS D29 CELLOFLAKE,0.2%D46 ANTIFOAMER,WT-12.4,Y-2.15,WTR-11.98,TAI-500 SX 50/50 POZ C,5%D44 SALT,2%D20 BENTONITE,0.25PPS D29 CELLOFLAKE,0.2%D46 ANTIFOAMER,WT-14.2,Y-1.36,WATER-6.34

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	3000	3000	

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"/> . Printed Name: Electronically filed by Denise Pinkerton Title: Regulatory Specialist Email Address: leakejd@chevron.com Date: 3/7/2007	OIL CONSERVATION DIVISION	
	Approved By: Paul Kautz	
	Title: Geologist	
	Approved Date: 3/12/2007	Expiration Date: 3/12/2008
	Phone: 432-687-7375	
Conditions of Approval Attached		

Capstar 24 -
BOPE



DISTRICT I
1625 N. FRENCH DR., HOHES, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102

DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 88210

OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT III
1000 Rio Brazos Ed., Aztec, NM 87410

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code 5035D	Pool Name Penaosa Skelly Grayburg
Property Code	Property Name H.T. MATTERN NCT-B	Well Number 27
OGRID No. 4323	Operator Name CHEVRON U.S.A. INC.	Elevation 3488'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	30	21-S	37-E		1310	SOUTH	1705	EAST	LEA

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
Dedicated Acres 40	Joint or Infill	Consolidation Code	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

LOT 1									
36.95 AC									
LOT 2									
36.97 AC									
LOT 3									
36.99 AC									
LOT 4									
37.01 AC									

GEODETIC COORDINATES
NAD 27 NME
Y=527877.3 N
X=850018.7 E
LAT.=32.446136° N
LONG.=103.198725° W

1705'

1310'

OPERATOR CERTIFICATION

I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Denise Pinkerton 3-7-07
Signature Date
Denise Pinkerton
Printed Name

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.

OCTOBER 30, 2006

Date Surveyed JR
Signature & Seal of Professional Surveyor
GARY KIDSON 11/20/06
06.11.1692 S
Certificate No. GARY KIDSON 12641

Permit Comments

Operator: CHEVRON U S A INC , 4323

Well: H T MATTERN NCT B #027

API: 30-025-38339

Created By	Comment	Comment Date
pkautz	REQUIRES NSL	3/8/2007

Permit Conditions of Approval

Operator: CHEVRON U S A INC , 4323

Well: H T MATTERN NCT B #027

API: 30-025-38339

OCD Reviewer	Condition
pkautz	Will require administrative order for non-standard location
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-5535, approved 12/19/06.