

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 30-025-38332
4. Property Code 30020	5. Property Name V M HENDERSON	6. Well No. 024

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
H	30	21S	37E	H	2300	N	370	E	LEA

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 3483
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 _____ mils 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	9.625	36	450	365	
Prod	8.75	7	23	4300	900	
Liner1	6.125	4.5	11.6	3662	200	

Casing/Cement Program: Additional Comments

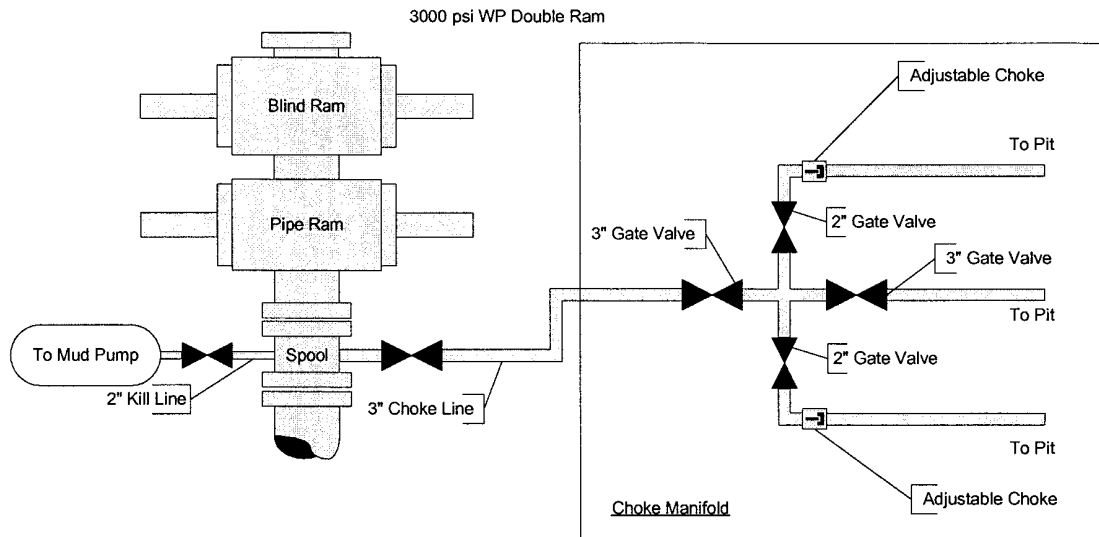
SURFACE:365 SX CL C,0.25PPSD29 CELLOFLAKE,1%CACL2,WT-14.8,Y-1.34,WTR-6.09 PRODUCTION:LEAD 460 SX 35:65 POZ C,5%D44 SALT,6%D20 BENTONITE,0.4% D112 FLUID LOSS ADDITIVE,0.25 PPS D29 CELLOFLAKE,0.2%D46 ANTIFOAMER,WT-12.4,Y-2.15,WTR-11.98,TAIL-440 SX 50:50 POZ C,5%D44 SALT,2%D20 BENTONITE,0.25PPS D29 CELLOFLAKE,0.2%D46 ANTIFOAMER,WT-14.2,Y-1.36,WTR-6.34, LINER: 200 SX CL C,0.3% D65 DISPERSANT,0.3%D167 FLUID LOSS ADDITIVE,2%D174 EXPANSION ADDITIVE,0.2%D46 ANTIFOAMER.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	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 NMOCB guidelines <input checked="" type="checkbox"/> a general permit <input type="checkbox"/> or an (attached) alternative OCB-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: Chris Williams	
	Title: District Supervisor	
	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., HOBBS, NM 88240

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102

Revised October 12, 2005

DISTRICT II

1301 W. GRAND AVENUE, ARTESIA, NM 88210

OIL CONSERVATION DIVISION

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

1220 SOUTH ST. FRANCIS DR.

Santa Fe, New Mexico 87505

DISTRICT IV

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 1	Pool Code 5035D	Pool Name Penrose Skelly GRAYBURG
Property Code	Property Name VM HENDERSON	Well Number 24H
OGRID No. 4323	Operator Name CHEVRON U.S.A. INC.	Elevation 3483'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	30	21-S	37-E		2300	NORTH	370	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
A	30	21-S	37-E		330'	NORTH	330'	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
80			

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									

H

330'

BHL

2300'

SHL

370'

GEODETIC COORDINATES
NAD 27 NME

Y=529563.3 N
X=851334.4 E

LAT.=32.450731° N
LONG.=103.194402° W

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.

DECEMBER 8, 2006

Date Surveyed JR

Signature & Seal of Professional Surveyor

Gary Eidsen 12/20/06
06.11.1968

Certificate No. GARY EIDSON 12641

Permit Comments

Operator: CHEVRON U S A INC , 4323

Well: V M HENDERSON #024

API: 30-025-38332

Created By	Comment	Comment Date
DPINKERTON	WILL DRILL A HORIZONTAL LEG AFTER THE VERTICAL DRILL. UL-A, SECTION-30, 21-S, 37-3,330 NORTH, 330' EAST, LEA COUNTY	3/7/2007

Permit Conditions of Approval

Operator: CHEVRON U S A INC , 4323

Well: V M HENDERSON #024

API: 30-025-38332

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