

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 30-025-37834
4. Property Code 2669	5. Property Name HARRY LEONARD NCT E	6. Well No. 008

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
G	16	21S	37E	G	2310	N	1430	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 State	13. Ground Level Elevation 3482
14. Multiple N	15. Proposed Depth 4350	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	11	8.625	24	400	250	
Prod	7.875	5.5	15.5	4350	1000	

Casing/Cement Program: Additional Comments

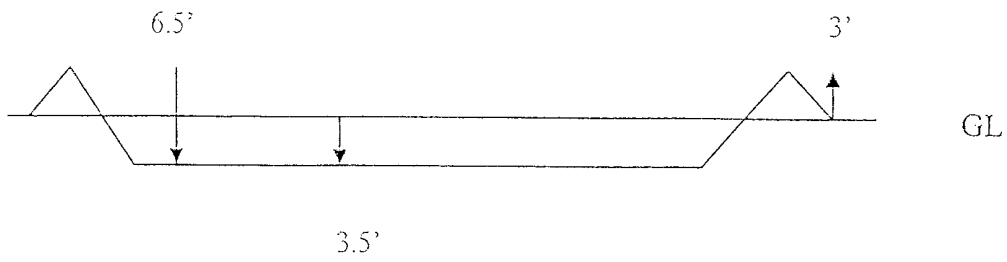
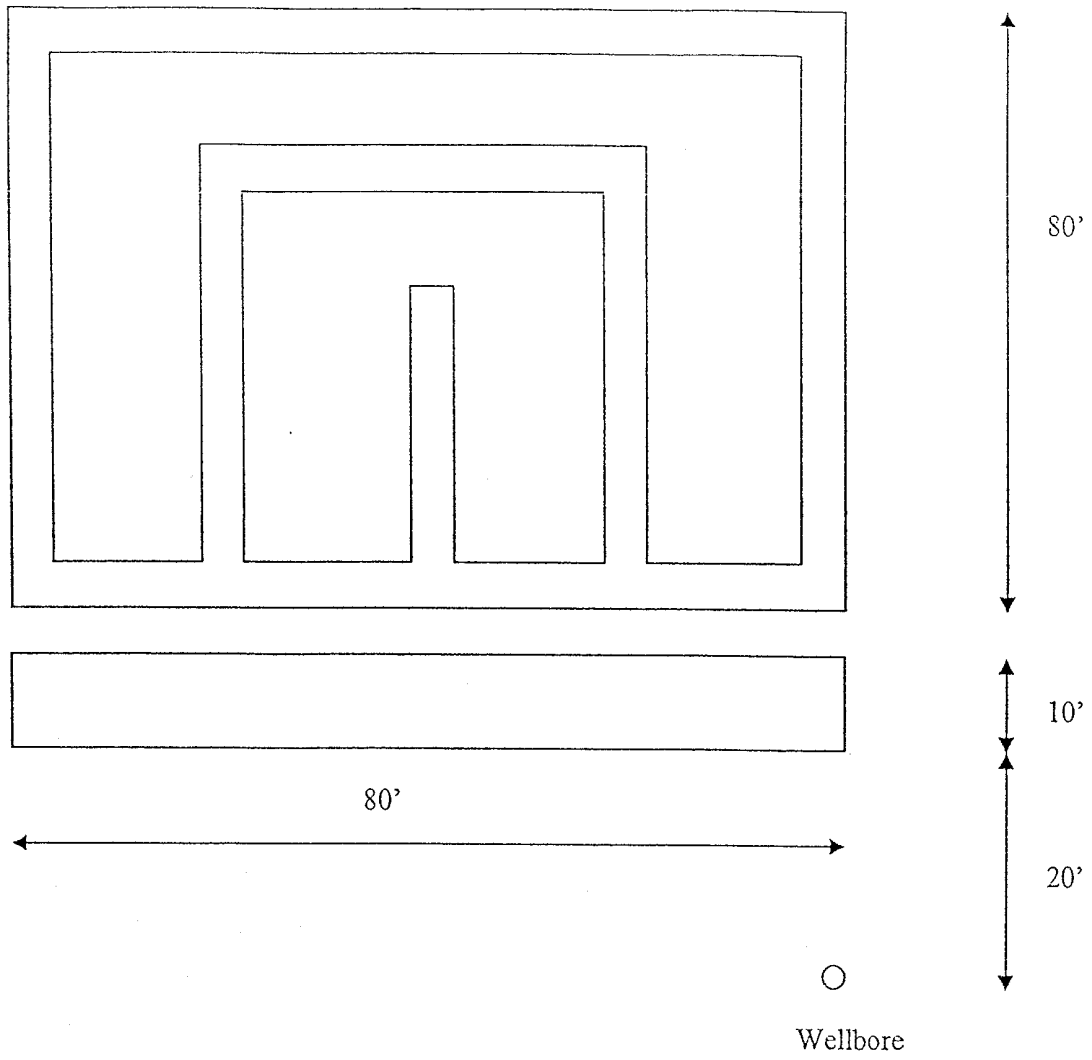
SURF CSG: 250 SX CL C CMT W/2% CACL,0.25 PPS CELLOFLAKE (J-55 ST&C) SLURRY PROP:14.8 PPG,1.34 FT3/SK,6.29 GPS MIX WATER PROD CSG:LEAD IN W/600 SX (35-65) POZ (FLY ASH) CL C CMT W/6% BENTONITE,5% SODIUM CHLORIDE,0.25 PPS CELLOFLAKE,0.4% FLUID LOSS ADDITIVE, TAIL IN W/400 SX (50:50) POZ (FLY ASH) CL C CMT W/5% SODIUM CHLORIDE,2% BENTONITE,0.25 PPS CELLOFLAKE SLURRY PROP: 12.4 PPG, 2.15 FT3/SK, 11.97 GPS MIX WATER & 14.2 PPG, 1.35 FT3/SK, 6.33 GPS MIX WATER

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 NMOCD 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: 4/24/2006	OIL CONSERVATION DIVISION	
	Approved By: Paul Kautz	
	Title: Geologist	
	Approved Date: 4/24/2006	Expiration Date: 4/24/2007
	Conditions of Approval Attached	

# CapStar #16 Pit Design



## State of New Mexico

## DISTRICT I

1625 N. FRENCH DR., HOBBS, NM 88240

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

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

## DISTRICT III

1000 Rio Brazos Rd., 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 50350	Pool Name Penrose Kelly Grayling
Property Code 2669	Property Name HARRY LEONARD NCT-E	Well Number 8
OGRID No. 4323	Operator Name CHEVRON U.S.A. INC.	Elevation 3482'

## Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	16	21-S	37-E		2310	NORTH	1430	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.
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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

	<b>OPERATOR CERTIFICATION</b> <p>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.</p> <p><i>Danise Pinkerton</i> 24-06  Signature Date  Danise Pinkerton  Printed Name</p>
	<b>SURVEYOR CERTIFICATION</b> <p>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.</p> <p>FEBRUARY 16, 2006</p>
	Date Surveyed DSR Signature & Seal of Professional Surveyor 
	Certificate No. GARY EDSON 12641

# Permit Conditions of Approval

Operator: CHEVRON U S A INC , 4323

Well: HARRY LEONARD NCT E #008

API: 30-025-37834

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
pkautz	Will require administrative order for non-standard location
DMULL	NSL-5366 (SD) 2310/N & 1430/E, Penrose Skelly Grayburg, 40 acres, Shares with #.