

## 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 APACHE CORP 6120 S. YALE TULSA , OK 74136		2. OGRID Number 873
		3. API Number 30-025-38686
4. Property Code 303198	5. Property Name HARDY	6. Well No. 004

## 7. Surface Location

UL - Lot N	Section 17	Township 21S	Range 37E	Lot Idn N	Feet From 450	N/S Line S	Feet From 1650	E/W Line W	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 3495
14. Multiple N	15. Proposed Depth	16. Formation Grayburg	17. Contractor	18. Spud Date 2/4/2008
Depth to Ground water 70		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      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	24	400	290	0
Prod	7.875	5.5	17	4500	950	0

**Casing/Cement Program: Additional Comments**

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### Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	2000	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 type="checkbox"/> a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .		OIL CONSERVATION DIVISION	
Printed Name: Electronically filed by Lana Williams		Approved By: Paul Kautz	
Title: Sr. Department Clerk		Approved Date: 1/10/2008	Expiration Date: 1/10/2009
Email Address: lana.williams@apachecorp.com			
Date: 1/9/2008	Phone: 918-491-4900	Conditions of Approval Attached	

**District I**  
 1625 N. French Dr., Hobbs, NM 88240  
 Phone:(505) 393-6161 Fax:(505) 393-0720

**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

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Form C-102  
 Permit 67214

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-025-38686	2. Pool Code S0350	3. Pool Name PENROSE SKELLY,GRAYBURG
4. Property Code 303198	5. Property Name HARDY	6. Well No. 004
7. OGRID No. 873	8. Operator Name APACHE CORP	9. Elevation 3495




**10. Surface Location**

UL - Lot N	Section 17	Township 21S	Range 37E	Lot Idn	Feet From 450	N/S Line S	Feet From 1650	E/W Line W	County LEA
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**11. Bottom Hole Location If Different From Surface**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 40.00	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**

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<p align="center"><b>SURVEYOR CERTIFICATION</b></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: RONALD EIDSON          Date of Survey: 1/4/2008          Certificate Number: 3239</p>																	

# Permit Conditions of Approval

Operator: APACHE CORP , 873

Well: HARDY #004

API: 30-025-38686

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