

District I
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 S. St Francis Dr., Santa Fe, NM 87505

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

Form C-101

APPLICATION FOR PERMIT TO DRILL

Operator Name and Address Apache Corporation Two Warren Place, Suite 1500 Tulsa, OK 74136-4224		OGRID Number 873
		API Number 30-25-36379
Property Code 16814	Property Name DC HARDY	Well No. 008

Surface Location

UL or Lot P	Section 20	Township 21S	Range 37E	Lot Idn	Feet From 890	N/S Line S	Feet From 360	E/W Line E	County Lea
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Proposed Pools

PENROSE SKELLY;GRAYBURG 50350

Work Type New Well	Well Type Oil	Cable/Rotary	Lease Type Private	Ground Level Elevation 3485
Multiple N	Proposed Depth 4800	Formation Grayburg	Contractor	Spud Date

Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	8.625	24	400	325	0
Prod	7.875	5.5	17	4800	930	0

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	2000	3000	

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Electronically Signed By: Larry Rader

Title: Technical Coordinator

Date: 8/19/2003

Phone: 918-491-4811

OIL CONSERVATION DIVISION

Electronically Approved By: Chris Williams

Title: District Supervisor

Approval Date: 8/22/2003

Expiration Date: 8/22/2004

Conditions of Approval:

No Conditions

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Form C-102

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-25-36379	Pool Name PENROSE SKELLY;GRAYBURG	Pool Code 50350
Property Code 16814	Property Name DC HARDY	Well No. 008
OGRID No. 873	Operator Name Apache Corporation	Elevation 3485

Surface And Bottom Hole Location

UL or Lot P	Section 20	Township 21S	Range 37E	Lot Idn	Feet From 890	N/S Line S	Feet From 360	E/W Line E	County Lea
Dedicated Acres 40		Joint or Infill		Consolidation Code		Order No.			

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Electronically Signed By: Larry Rader

Title: Technical Coordinator

Date: 8/19/2003

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.

Electronically Signed By: Ronald Eidson

Date of Survey: 8/6/2003

Certificate Number: 3239

