

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 30-25-36141
Property Code 23112	Property Name SOUTHLAND ROYALTY A	Well No. 015

Surface Location

UL or Lot Q	Section 4	Township 21S	Range 37E	Lot Idn	Feet From 2460	N/S Line S	Feet From 990	E/W Line E	County Lea
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Proposed Pools

PENROSE SKELLY;GRAYBURG 50350

Work Type New Well	Well Type Injection	Cable/Rotary	Lease Type Private	Ground Level Elevation 3469
Multiple N	Proposed Depth 4150	Formation Grayburg	Contractor	Spud Date 1/25/2003

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	4150	825	0

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	2000	3000	Schaefer

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: 1/15/2003

Phone: 918-491-4811

OIL CONSERVATION DIVISION

Electronically Approved By: Paul Kautz

Title: Geologist

Approval Date: 2/4/2003

Expiration Date: 2/4/2004

Conditions of Approval:

There are conditions. See Attached.

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Form C-102

Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-25-36141	Pool Name PENROSE SKELLY;GRAYBURG	Pool Code 50350
Property Code 23112	Property Name SOUTHLAND ROYALTY A	Well No. 015
OGRID No. 873	Operator Name Apache Corporation	Elevation 3469

Surface And Bottom Hole Location

UL or Lot Q	Section 4	Township 21S	Range 37E	Lot Idn	Feet From 2460	N/S Line S	Feet From 990	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: 1/15/2003

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: 1/10/2003
Certificate Number: 3239

APD Comments**Operator: 873 Apache Corporation****Well: SOUTHLAND ROYALTY A 015**

User Name	Comment	Comment Date
DMULL	SWD-871, 02/01/03, Inject Grayburg, 3850-4000, 2 3/8 plastic-lined tubing, PKR @ 3800, 770 psi. Prior to injecting, Apache needs to cement bond log and squeeze NE Drinkard Unit #203	2/4/2003

APD Conditions Of Approval

Operator: 873 Apache Corporation

Well: SOUTHLAND ROYALTY A 015

OCD Reviewer	Condition
DMULL	Cement bond log and squeeze NE Drinkard Unit #203 per SWD-871 before injecting.
DMULL	Will require administrative order for non-standard location
DMULL	This well requires a Non-Standard location order. Have you applied to Santa Fe. The District I office needs a copy.