

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 30-25-36366
Property Code 22503	Property Name NORTHEAST DRINKARD UNIT	Well No. 418

Surface Location

UL or Lot D	Section 10	Township 21S	Range 37E	Lot Idn	Feet From 1250	N/S Line N	Feet From 150	E/W Line W	County Lea
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Proposed Pools

EUNICE;BLI-TU-DR, NORTH 22900

Work Type New Well	Well Type Oil	Cable/Rotary	Lease Type Private	Ground Level Elevation 3462
Multiple N	Proposed Depth 6925	Formation Drinkard	Contractor	Spud Date 8/10/2003

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	1350	800	0
Prod	7.875	5.5	17	6925	1030	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: 8/11/2003

Phone: 918-491-4811

OIL CONSERVATION DIVISION

Electronically Approved By: Paul Kautz

Title: Geologist

Approval Date: 8/11/2003

Expiration Date: 8/11/2004

Conditions of Approval:

There are conditions. See Attached.

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Form C-102

Oil Conservation Division
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WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-25-36366	Pool Name EUNICE;BLI-TU-DR, NORTH	Pool Code 22900
Property Code 22503	Property Name NORTHEAST DRINKARD UNIT	Well No. 418
OGRID No. 873	Operator Name Apache Corporation	Elevation 3462

Surface And Bottom Hole Location

UL or Lot D	Section 10	Township 21S	Range 37E	Lot Idn	Feet From 1250	N/S Line N	Feet From 150	E/W Line W	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: 8/11/2003

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: 4/30/2003

Certificate Number: 3239

APD Comments

Operator: 873 Apache Corporation

Well: NORTHEAST DRINKARD UNIT 418

User Name	Comment	Comment Date
LERADER	This location is a Non-Standard Location and the application has been filed. We will forward the NSL approval to you as soon as we have it.	5/13/2003
LERADER	We will be subsequently filing a C-103 to request comingling the Drinkard with the Tubb Gas and Blinebry Oil and Gas pools.	5/14/2003
DMULL	This area is in the Eunice Blinebry-Tubb-Drinkard North pool. Pool code is #22900. Here you do not need a comingling order.	5/16/2003
DMULL	Your NSL is still required, But you may need to revise it with the correct pool.	5/16/2003
MLHANSON	We are resubmitting this APD. Please note that we have received approval for NSL and comingling by Administrative Order #NSL-4932(SD) Please advise if you require additional information for permitting this well.	8/8/2003
PKAUTZ	This APD is being rejected so that Apache can delete the Blinebry, Tubb & Drinkard Pools and resubmit this under the correct Pool for this location. The correct pool for this location is Eunice;Bli-Tu-Dr, North Pool. Note this pool was created when the waterflood was created so there is no need for DHC orders and since a waterflood can not be in more than one pool.	8/11/2003

APD Conditions Of Approval

Operator: 873 Apache Corporation

Well: NORTHEAST DRINKARD UNIT 418

OCD Reviewer	Condition
PKAUTZ	Drilling fluid for surface (continued) 4)Caustics and Lime shall not be used in the red beds but maybe added when the Rustler Fm is reached. However, sodium carbonate maybe used for alkalinity or ph control while drilling the redbeds above the Rustler Fm.
PKAUTZ	Drilling fluid for surface: 1) Fresh water or fresh water spud mud shall be used to drill to surfaces casing depth. 2) Non-toxic or biodegradable water based polymers, drilling paper, starch and gels may be used in the mud system in order to retard seepage into red beds. 3) Two to five percent diesel or crude oil may be used in the redbed section in order to control heaving shales and mudstones.
PKAUTZ	Surface casing should be set at least 25 feet into the top of the Rustler Anhydrite and cement circulated to surface.