

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 Trilogy Operating, Inc PO Box 7606 Midland, TX 79708		OGRID Number 21602
		API Number 30-25-36142
Property Code 28066	Property Name SAPPHIRE	Well No. 003

Surface Location

UL or Lot H	Section 24	Township 19S	Range 38E	Lot Idn	Feet From 2310	N/S Line N	Feet From 990	E/W Line E	County Lea
----------------	---------------	-----------------	--------------	---------	-------------------	---------------	------------------	---------------	---------------

Proposed Pools

NADINE;DRINKARD-ABO 47510

Work Type New Well	Well Type Oil	Cable/Rotary	Lease Type Private	Ground Level Elevation 3580
Multiple N	Proposed Depth 8000	Formation Abo Formation	Contractor	Spud Date 2/15/2003

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	1700	900	0
Prod	7.875	5.5	17	8000	1200	0

Casing/Cement Program: Additional Comments

Cement used to circulate will be determined by open hole logs

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	3000	3000	Shaffer

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

Electronically Signed By: Michael Mooney

Title: Vice-President

Date: 2/3/2003

Phone: 915-686-2027

OIL CONSERVATION DIVISION

Electronically Approved By: Paul Kautz

Title: Geologist

Approval Date: 2/4/2003

Expiration Date: 2/4/2004

Conditions of Approval:
No Conditions

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-102

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-25-36142	Pool Name NADINE;DRINKARD-ABO	Pool Code 47510
Property Code 28066	Property Name SAPPHIRE	Well No. 003
OGRID No. 21602	Operator Name Trilogy Operating, Inc	Elevation 3580

Surface And Bottom Hole Location

UL or Lot H	Section 24	Township 19S	Range 38E	Lot Idn	Feet From 2310	N/S Line N	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: Michael Mooney

Title: Vice-President

Date: 2/3/2003

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: 21602 Trilogy Operating, Inc
Well: SAPPHIRE 003

There Are No Comments

APD Conditions Of Approval

Operator: 21602 Trilogy Operating, Inc

Well: SAPPHIRE 003

There Are No Conditions Of Approval