

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 30-25-36327
Property Code 30357	Property Name DIAMOND	Well No. 004

### Surface Location

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

### Proposed Pools

NADINE;DRINKARD-ABO 47510
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Work Type New Well	Well Type Oil	Cable/Rotary	Lease Type Private	Ground Level Elevation 3590
Multiple N	Proposed Depth 8000	Formation Abo Formation	Contractor	Spud Date 7/15/2003

### 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	1600	0

### Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	3000	3000	NL Shafer

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: 7/9/2003      Phone: 915-686-2027		OIL CONSERVATION DIVISION	
		Electronically Approved By: Paul Kautz	
		Title: Geologist	
		Approval Date: 7/11/2003	Expiration Date: 7/11/2004
Conditions of Approval: No Conditions			

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## State of New Mexico

Form C-102

## Energy, Minerals and Natural Resources

## Oil Conservation Division

1220 S. St Francis Dr.

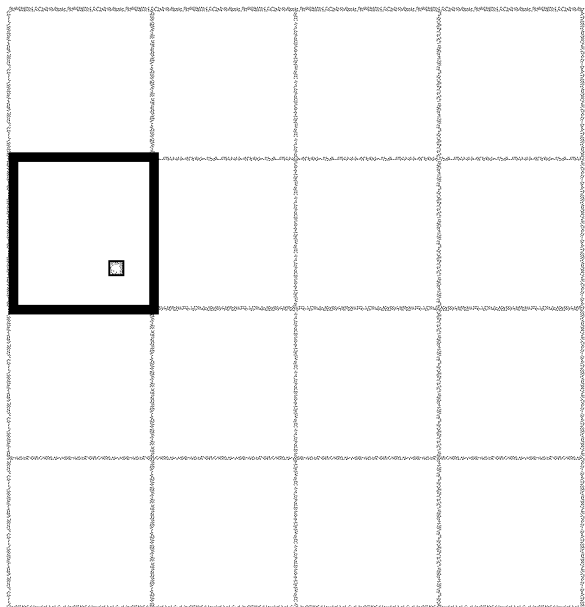
Santa Fe, NM 87505

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-25-36327	Pool Name NADINE;DRINKARD-ABO	Pool Code 47510
Property Code 30357	Property Name DIAMOND	Well No. 004
OGRID No. 21602	Operator Name Trilogy Operating, Inc	Elevation 3590

**Surface And Bottom Hole Location**

UL or Lot E	Section 24	Township 19S	Range 38E	Lot Idn	Feet From 2310	N/S Line N	Feet From 990	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: Michael Mooney

Title: Vice-President

Date: 7/9/2003

**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: 7/3/2003

Certificate Number: 3239