

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
811 South First, Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Trilogy Operating, Inc P.O. Box 7606 Midland, Texas 79708		² OGRID Number 021602
		³ API Number 30-025-35828
⁴ Property Code 27873	⁵ Property Name Ruby	⁶ Well No. 2

⁷Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
K	24	19S	38E		2310	South	1650	West	Lea

⁸Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
⁹ Proposed Pool 1 Nadine ; Drinkard-Abo					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3587
¹⁶ Multiple No	¹⁷ Proposed Depth 8000	¹⁸ Formation Abo	¹⁹ Contractor Star Drilling # 3	²⁰ Spud Date 03-01-02

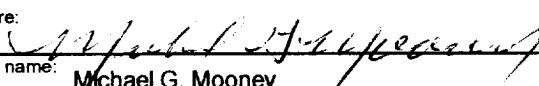
²¹Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4	8 5/8	24	1700	650	circulate
7 7/8	5 1/2	17	8000	900	circulate

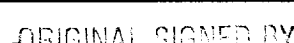
²²Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

- 1) Drill 12 1/4" hole w/ fresh water mud to an approximate depth of 1700'
- 2) Set 8 5/8" - 24# J-55 casing and cement w/ approximately 650 sx class "c" w/ additives, or amount of cement needed to circulate to surface
- 3) WOC 24 hrs, Drill 7 7/8" hole w/ brine water mud to approximately 8000' or depth to sufficiently test the Abo Formation
- 4) Run open hole logs and determine productivity potential of wellbore
- 5) Either plug & abandon well as per NMOCD instructions or Run 5 1/2" - 17# N80 csg to a setting depth to cover Abo Formation or productive horizon - cement w/ lead class "c" & tail class "h" cement so as to circulate cement to surface - volumes will be determined from

²³I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: 
Printed name: Michael G. Mooney
Title: Engineer
Date: 01-31-02
Phone: 915-686-2027

OIL CONSERVATION DIVISION

Approved By: 
Title: **FEB 05 2002**
Approval Date:
Expiration Date:
Conditions of Approval: Attached:

Permit Expires 1 Year From Approval Date Unless Drilling Underway

AMP

POST

State of New Mexico

Energy, Minerals and Natural Resources Dept.

Form C-102

Revised February 10, 1984

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

DISTRICT I

P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II

P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

P.O. BOX 2088, SANTA FE, N.M. 87504-2088

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number <i>30-025-35828</i>	Pool Code 47510	Pool Name Nadine ; Drinkard-Abo
Property Code 27873	Property Name RUBY	Well Number 2
OGRID No. 021602	Operator Name TRILOGY OPERATING INC.	Elevation 3587'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	24	19-S	38-E		2310	SOUTH	1650	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40	I		

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	GEODETIC COORDINATES WGS 84 Y = 600512.9 X = 919344.3 LAT.= 32°38'41.46"N LONG.= 103°06'18.99"W	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. <i>Michael G. Mooney</i> Signature Michael G. Mooney Printed Name Engineer Title 1/31/02 Date
		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. JANUARY 23, 2002 Date Surveyed Signature & Seal of Professional Surveyor <i>Ronald E. Eidson</i> 01/23/02 02.11.0065
		Certificate No. RONALD E. EIDSON 3239 GARY EIDSON 12641

ABOVE DATE DOES NOT
INDICATE WHEN
CONFIDENTIAL LOGS
WILL BE RELEASED

ELF 7/5/02

ABOVE DATE DOES NOT
INDICATE WHEN
CONFIDENTIAL LOGS
WILL BE RELEASED

ELF

7/5/02