

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

Form C-101
Revised October 18, 1994

Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

AMENDED REPORT

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

Operator Name and Address Trilogy Operating, Inc P.O. Box 7606 Midland, Texas 79708		2 OGRID Number 21602
		3 API Number 30-025-35179
4 Property Code 22104	5 Property Name Emerald	6 Well No. 2

7 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
O	24	19S	38E		400	South	2310	East	Lea

8 Proposed 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
O	24	19S	38E		400	South	2310	East	Lea
9 Proposed Pool 1 Nadine : Drinkard Abo					10 Proposed Pool 2 Nadine : Blinebry				

11 Work Type Code N	12 Well Type Code O	13 Cable/Rotary R	14 Lease Type Code P	15 Ground Level Elevation 3580
16 Multiple No	17 Proposed Depth 7900	18 Formation Drinkard	19 Contractor Patterson	20 Spud Date 10-15-00

21 Proposed 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	1600	750	Circulate
7 7/8	5 1/2	17	7900	1300	Circulate

22 Describe 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 +/- 1600'
- 2) Set 8 5/8" -24# J55 casing @ 1600' - cement w/ 750 sx class "c" - circulate cement to surface
- 3) Drill 7 7/8" hole w/ brine water mud to 7900' - run logs & decide to P&A or Set casing
- 4) Set 5 1/2" -17# - N80 csg @ 7900' - Cement w/ class "h" - circulate to surface

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

23 I 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: Consulting Engineer

Date: 09-17-00

Phone: 915-686-2027

OIL CONSERVATION DIVISION

Approved By:

Title:

Approval Date: SEP 25 2000

Expiration Date:

Conditions of Approval:
Attached:

12/17

