

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

Operator Name and Address Trilogy Operating, Inc. P.O. Box 7606 Midland, Texas 79708		OGRID Number 021602
		API Number 30 - 025-35568
Property Code 28066	Property Name Sapphire	Well No. 1

Surface Location

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

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
Nadine House Drinkard-Abo									
Proposed Pool 1						Proposed Pool 2			
						House Blinebry			

Work Type Code N	Well Type Code O	Cable/Rotary R	Lease Type Code P	Ground Level Elevation 3583
Multiple No	Proposed Depth 8000	Formation Abo	Contractor Patterson # 54	Spud Date 06-10-01

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	1700	750	Circulate
7 7/8	5 1/2	17	8000	1500	Circulate

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" surface hole using fresh water mud - TD hole @ approx. 1700' or hard formation
- 2) Set 8 5/8" - 24# - K55 casing @ 1700' - cement w/ approx. 750 sx class "c" cement and circulate to surface
- 3) WOC 12 hrs - Test BOP's to 3000 psi - Begin drilling 7 7/8" hole w/ brine water mud
- 4) TD 7 7/8" hole @ approx. 8000' - run open hole logs
- 5) Set 5 1/2" - 17# - N80 & J55 casing - cement w/ approx. 1500 sx of class "H" cement and circulate cement to surface
- 6) If Non-productive - P&A well as per NMOCD

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:

Engineer

Date:

05-23-01

Phone:

915-686-2027

OIL CONSERVATION DIVISION

Approved By:

Title:

Approval Date:

MAY 2 - 2001

Expiration Date:

Conditions of Approval:

Attached: ☐

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

5
C
7

5
M
P

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

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

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT III
1000 Rio Brazos Rd., Artec, NM 87410

DISTRICT IV
P.O. Box 2088, Santa Fe, N.M. 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-35568	Pool Code 47510	Pool Name Nadine : Drinkard-Abo
Property Code 28066	Property Name SAPPHIRE	Well Number 1
OGRID No. 021602	Operator Name TRILOGY OPERATING INC.	Elevation 3583'

Surface Location

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

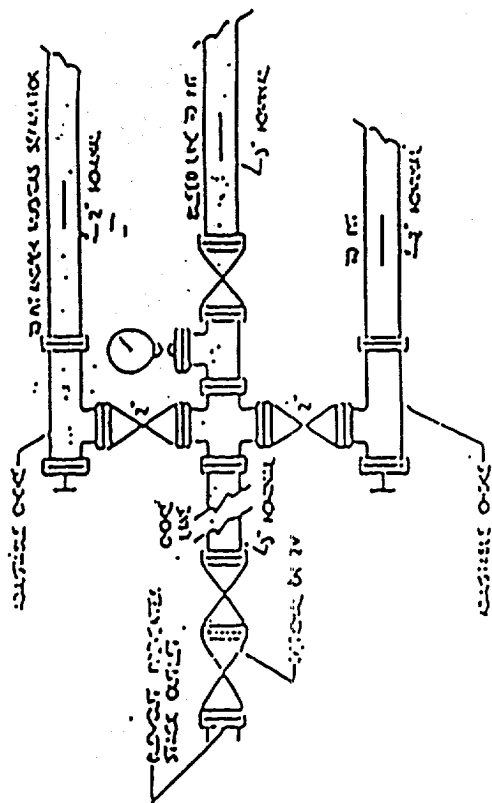
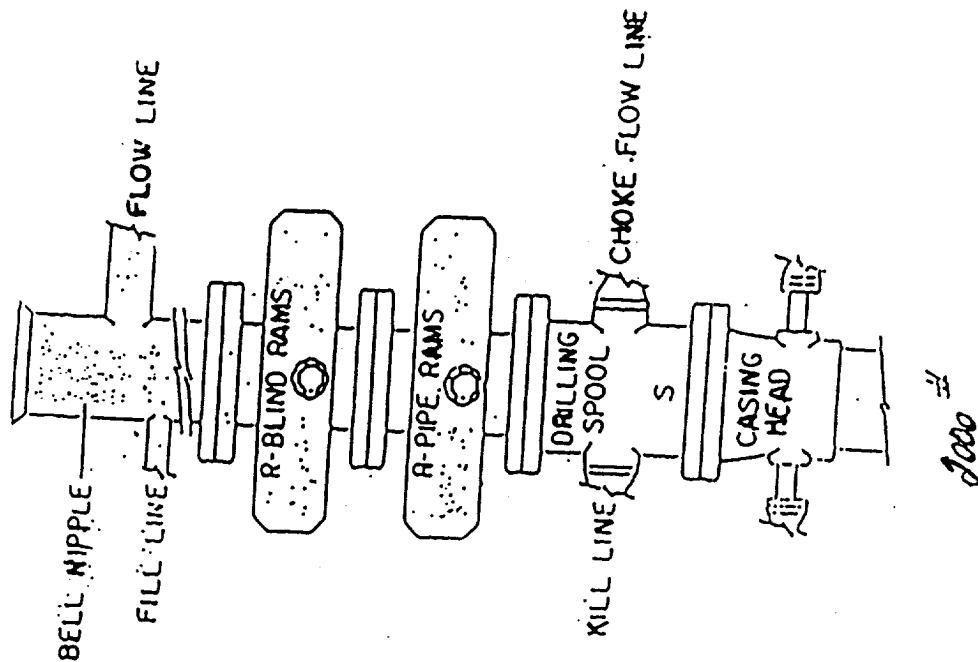
Bottom Hole Location If Different From Surface

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

	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Michael G. Mooney</i> Signature Michael G. Mooney Printed Name Engineer Title 5/25/01 Date</p>
	<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>MAY 10, 2001</p> <p>Date Surveyed Signature & Seal of Professional Surveyor <i>Ronald J. Eidson</i> 61-11-0553</p>
	<p>Certificate No. RONALD J. EIDSON 3239 GARY EIDSON 12641</p>



PROPOSED BOP' CONFIGUREMENT

ABOVE DATE DOES NOT
INDICATE WHEN
CONFIDENTIAL LOGS
WILL BE RELEASED

ELF

9/10/01