

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

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		OGRID Number 021602
		API Number 30 - 025-36091
Property Code 30357	Property Name Diamond	Well No. 2

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
C	24	19S	38E		990	North	2310	West	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
Proposed Pool 1 Nadine ; Drinkard-Abo					Proposed Pool 2				

Work Type Code N	Well Type Code O	Cable/Rotary R	Lease Type Code P	Ground Level Elevation 3592
Multiple No	Proposed Depth 8000	Formation Abo	Contractor Star Drilling # 5	Signature Date 06-04-03

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	650	circulate
7 7/8	5 1/2	17	8000	900	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" 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

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

Signature: *Michael G. Mooney*
Printed name: Michael G. Mooney

Title: Engineer

Date: 12-26-02

Phone: 915-686-2027

OIL CONSERVATION DIVISION

Approved By:

Title:

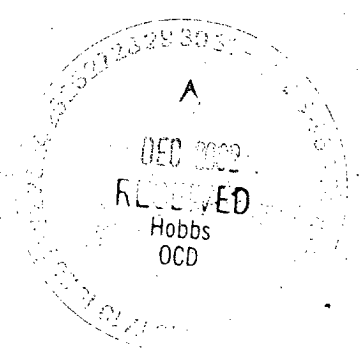
Approval Date:

Conditions of Approval:

ORIGINAL SIGNED BY
PAUL F. KAUTZ
PETROLEUM ENGINEER

DEC 31 2002

Permit Expires 1 Year From Approval
Date Unless Drilling Underway



PROPOSED BOP' CONFIGUREMENT

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

DISTRICT III
1000 Rio Bravos 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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-36091	Pool Code 47510	Pool Name Nadine : Drinkard-Abo
Property Code 30357	Property Name DIAMOND	Well Number 2
OGRID No. 021602	Operator Name TRILOGY OPERATING, INC.	Elevation 3592'

Surface Location

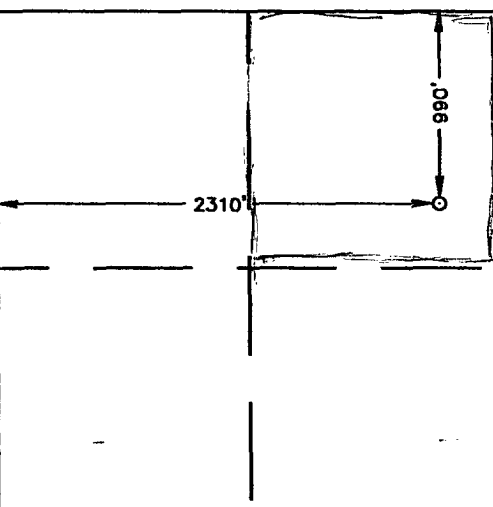
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	24	19 S	38 E		990	NORTH	2310	WEST	LEA

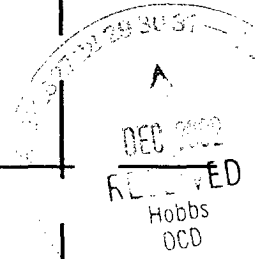
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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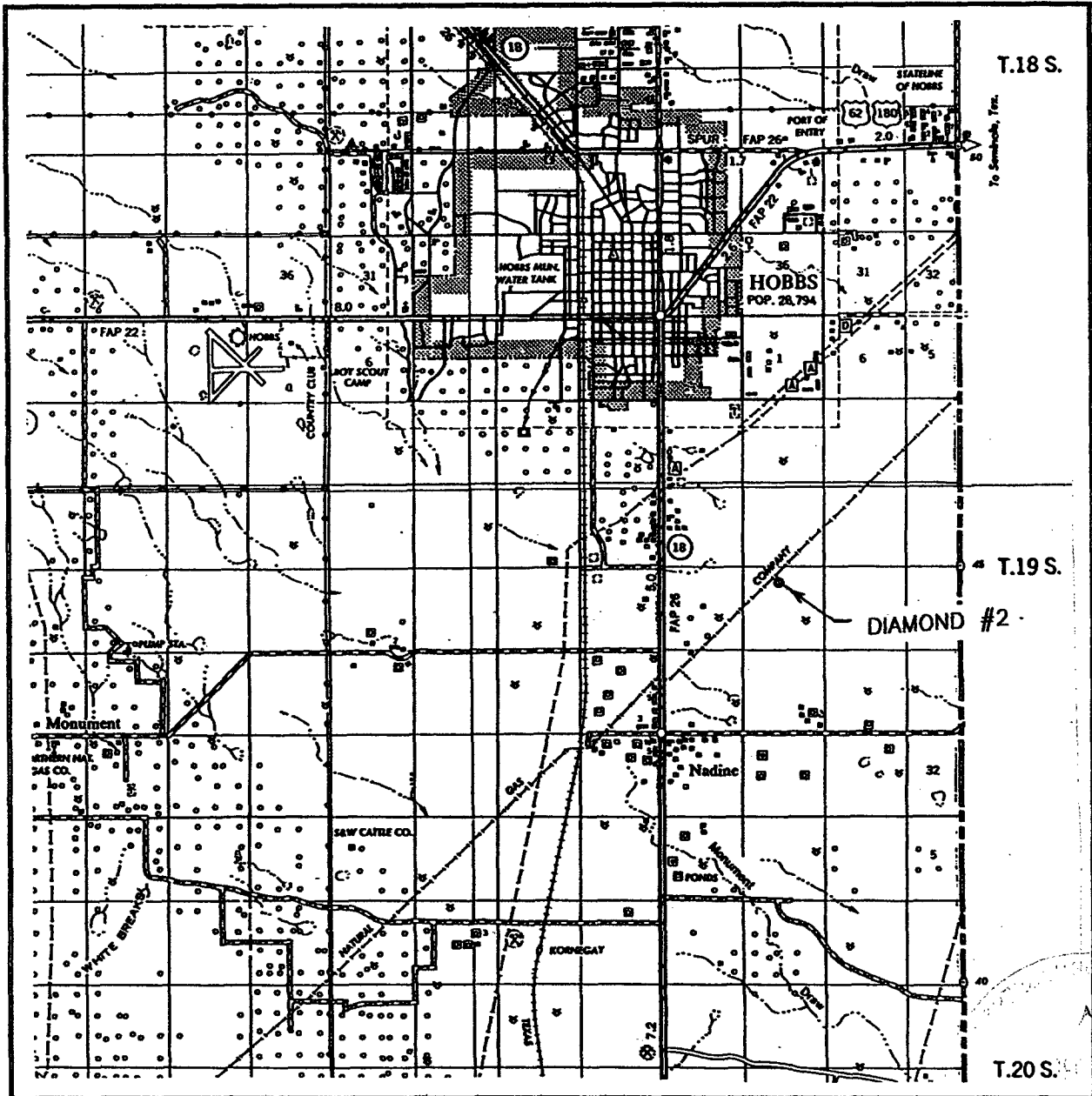
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40	I		

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

 2310' 990'	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 12/26/02 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. DECEMBER 13, 2002 Date Surveyed Signature & Seal of Professional Surveyor LMP 3239 02.11.0957 Certificate No. RONALD J. EIDSON 3239 PROFESSIONAL SURVEYOR EIDSON 12641



VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 24 TWP. 19-S RGE. 38-E

SURVEY N.M.P.M.

COUNTY LEA

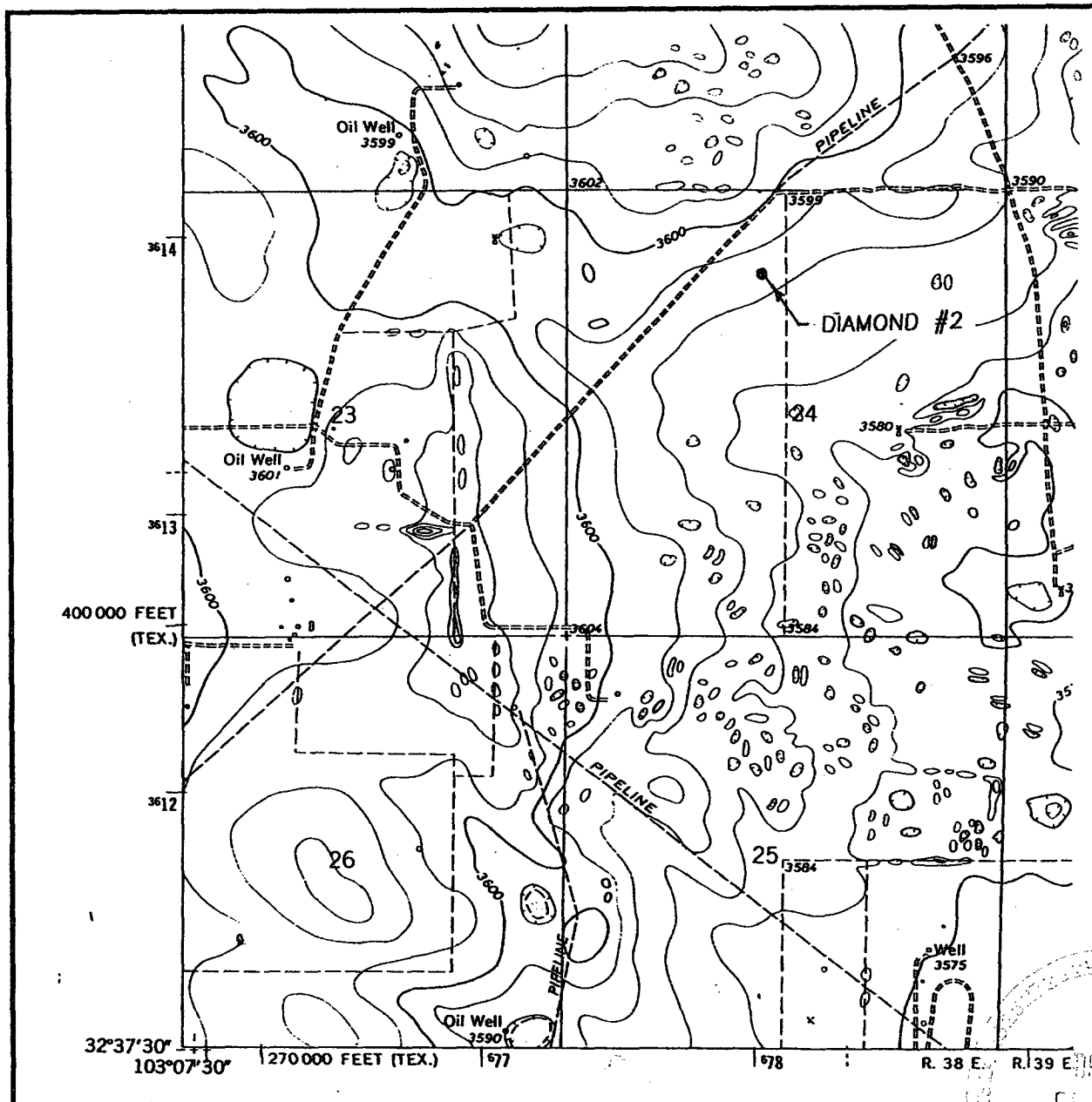
DESCRIPTION 990' FNL & 2310' FWL

ELEVATION 3592'

OPERATOR TRILOGY OPERATING, INC.

JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505) 393-3117

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
HOBBS EAST, N.M. - 5'

SEC. 24 TWP. 19-S RGE. 38-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 990' FNL & 2310' FWL

ELEVATION 3592'

OPERATOR TRILOGY OPERATING, INC.

LEASE DIAMOND

U.S.G.S. TOPOGRAPHIC MAP
HOBBS EAST N.M.

JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505) 393-3117

RECEIVED
Hobbs
OCD