

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

¹ Operator Name and Address Trilogy Operating, Inc P.O. Box 7606 Midland, Texas 79708		² OGRID Number 21602
		³ API Number 30-025-35446
⁴ Property Code 22104	⁵ Property Name Emerald	⁶ Well No. 3

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
I	24	19S	38E		2310	South	990	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
I	24	19S	38E		2310	South	990	East	Lea

⁹ Proposed Pool 1 Nadine : Drinkard - Abo	¹⁰ Proposed Pool 2 Nadine : Blinebry
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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 8000	¹⁸ Formation Drinkard-Abo	¹⁹ Contractor Patterson # 54	²⁰ Spud Date 03-10-01

Proposed Casing and Cement Program

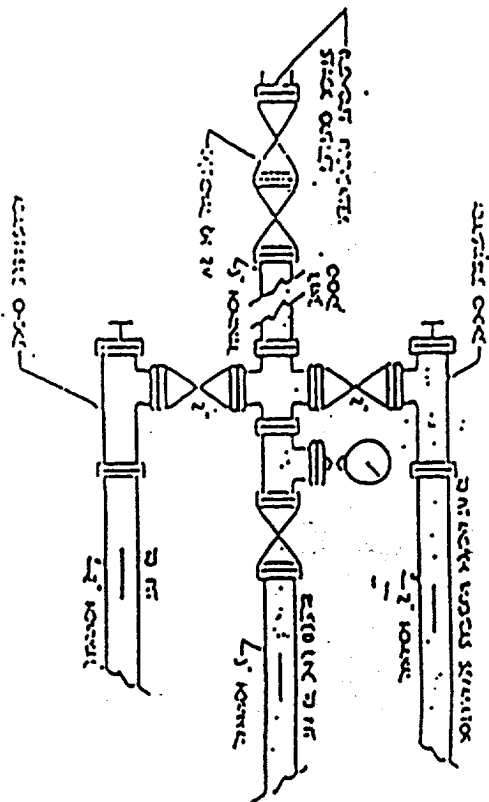
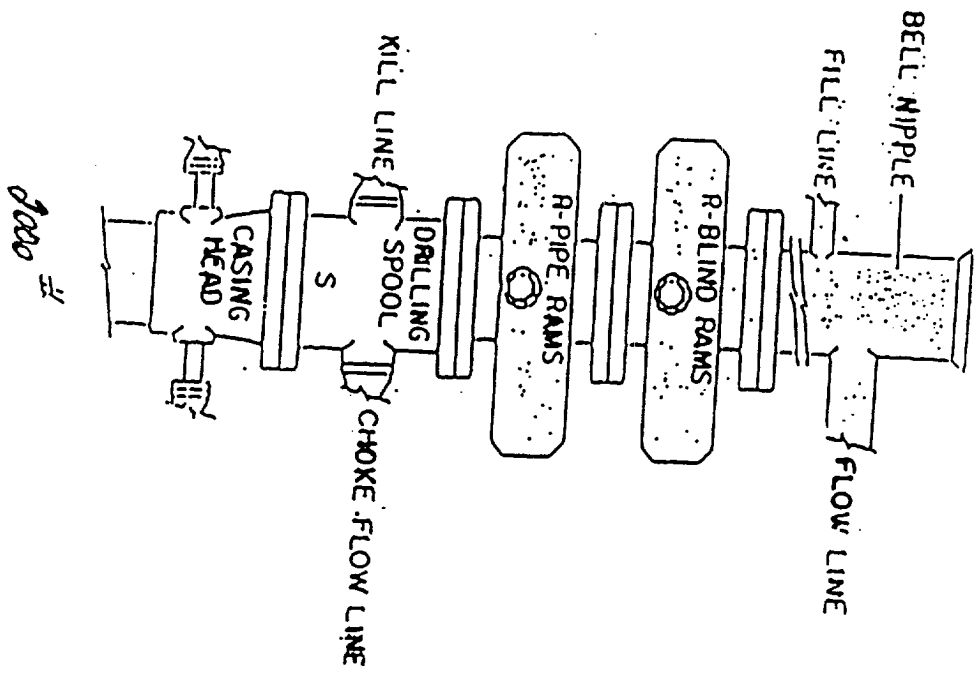
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4	8 5/8	24	1700	750	Circulate
7 7/8	5 1/2	17	8000	1300	Circulate

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 +/- 1700'
- 2) Set 8 5/8" -24# J55 casing @ 1700' - cement w/ 750 sx class "c" - circulate cement to surface
- 3) Drill 7 7/8" hole w/ brine water mud to 8000' - 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.		OIL CONSERVATION DIVISION	
Signature: <i>Michael G. Mooney</i>		Approved By: <i>Paul Kautz</i>	
Printed name: Michael G. Mooney		Title: <i>Geologist</i>	
Title: Consulting Engineer		Approval Date: MAR 09 2001	Expiration Date:
Date: 03-07-01	Phone: 915-686-2027	Conditions of Approval: Attached: ☐	



PROPOSED BOP' CONFIGUREMENT

OPERATOR CERTIFICATION

I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.

Michael G. Mooney
Signature

Michael G. Mooney
Printed Name

Engineer
Title

3/07/01
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.

MARCH 02, 2001

Date Surveyed AWB

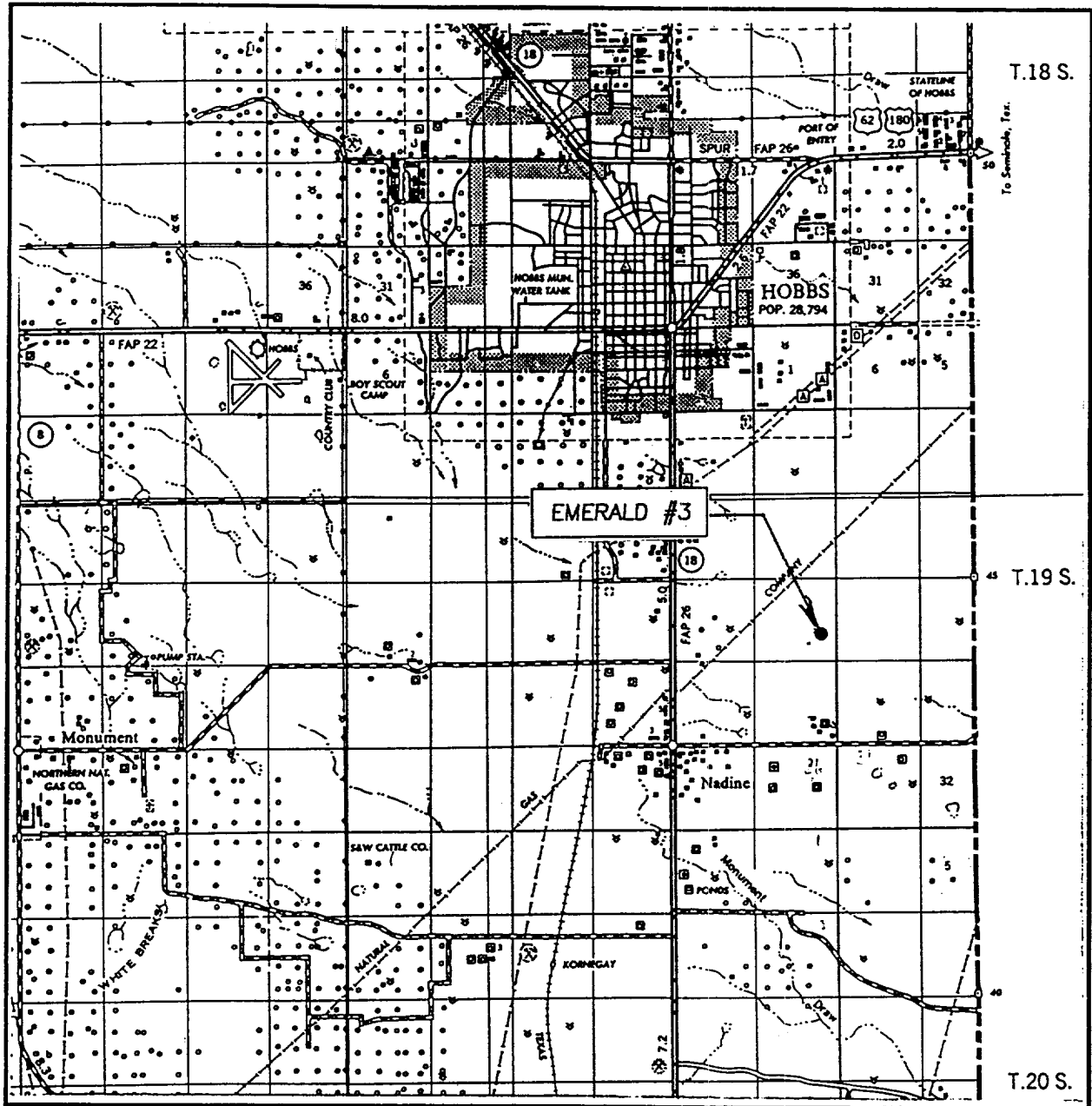
Signature & Seal of Professional Surveyor

3/7/01

01-11-0283

Certificate No. **RONALD L. KIDSON** **3239**
GARY KIDSON **12841**

VICINITY MAP

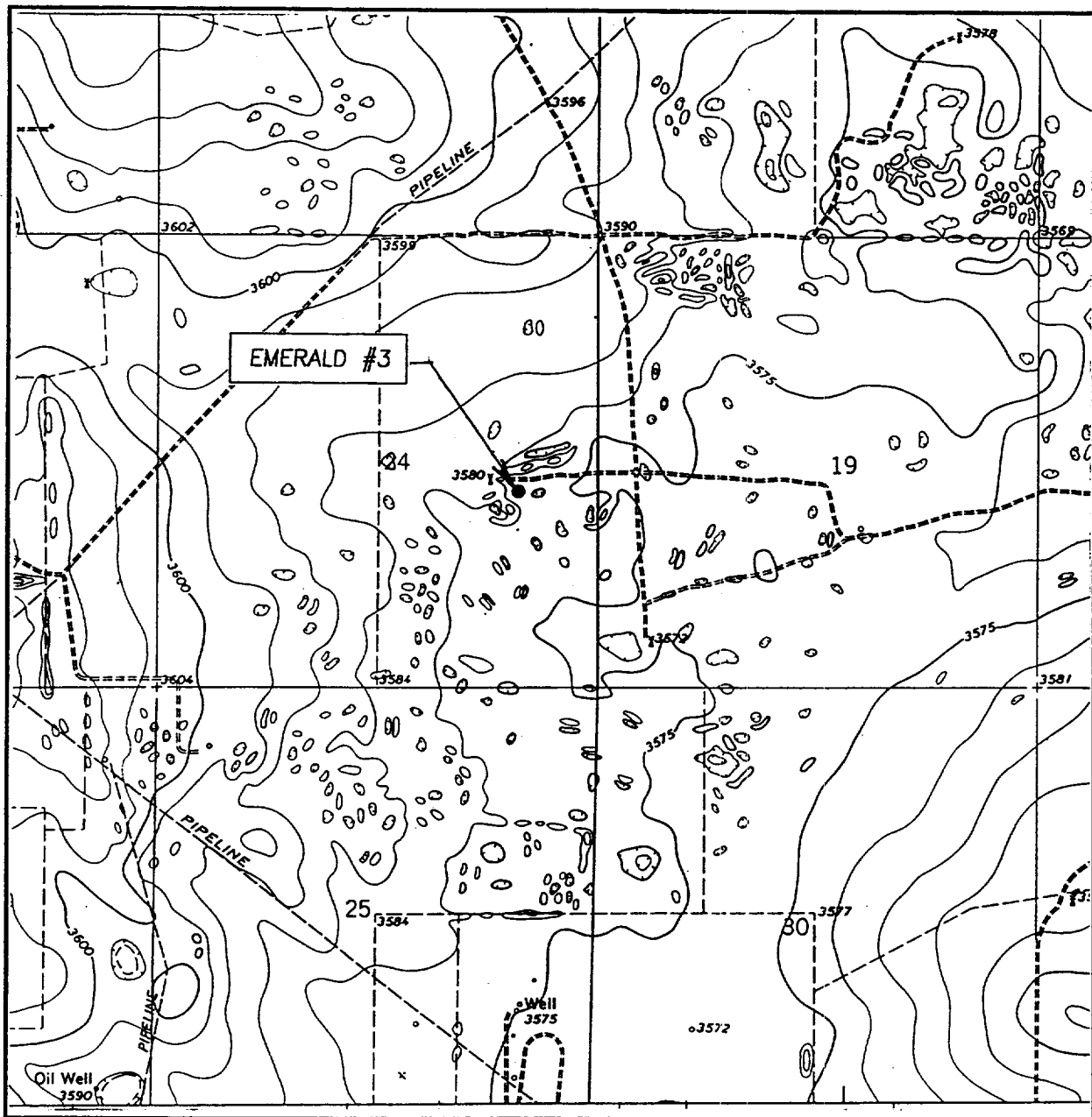


SCALE: 1" = 2 MILES

SEC. 24 TWP. 19-S RGE. 38-E
 SURVEY N.M.P.M.
 COUNTY LEA
 DESCRIPTION 2310'FSL & 990'FEL
 ELEVATION 3580'
 OPERATOR TRILOGY OPERATING INC.
 LEASE EMERALD

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

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

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

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

SURVEY _____ N.M.P.M.

COUNTY _____ LEA

DESCRIPTION 2310'FSL & 990'FEL

ELEVATION 3580'

OPERATOR TRILOGY OPERATING INC.

LEASE EMERALD

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

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

ABOVE DATE DOES NOT
INDICATE WHEN
CONFIDENTIAL LOGS
WILL BE RELEASED

ELF 10/30/01