

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 021602
		3 API Number 30-025-36128
4 Property Code 31894	5 Property Name Selman	6 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
J	11	19S	38E		2310	South	2170	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
9 Proposed Pool 1 Nadine ; Drinkard-Abo					10 Proposed Pool 2 Wildcat : Devonian				

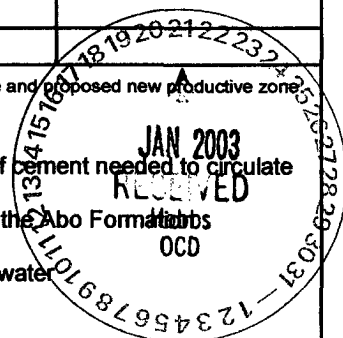
11 Work Type Code N	12 Well Type Code O	13 Cable/Rotary R	14 Lease Type Code P	15 Ground Level Elevation 3603
16 Multiple No	17 Proposed Depth 9000	18 Formation Devonian	19 Contractor Star Drilling # 5	20 Spud Date 01-30-03

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4	9 5/8	32	1700	650	circulate
8 1/2	7	24	8000	900	circulate
6 1/4	4 1/2	10.5	9000	400	8000'

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 an approximate depth of 1700'
- 2) Set 9 5/8" - 32# 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 8 1/2" 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) Run 7" - 24# N80 csg to a setting depth to cover Abo Formation - Drill 6 1/4" hole to 9000' w/ fresh water
- 6) Run logs across Silurian/Devonian Formation - if productive set 4 1/2" - 10.5# liner inside 7" csg
- 7) RDMO drilling rig and attempt completion



23 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: 01-19-03

Phone: 915-686-2027

OIL CONSERVATION DIVISION

Approved By:

Title:

Approval Date: JAN 28 2003

Expiration Date:

Conditions of Approval:
Attached: ☐

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

J
C
A

20P

DISTRICT I
P.O. Box 1880, Hobbs, NM 88241-1880

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

State of New Mexico

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-36128	Pool Code 47510	Pool Name Nadine : Drinkard-Abo
Property Code 37894	Property Name SELMAN	Well Number 1
OGRID No. 021602	Operator Name TRILOGY OPERATING, INC.	Elevation 3603'

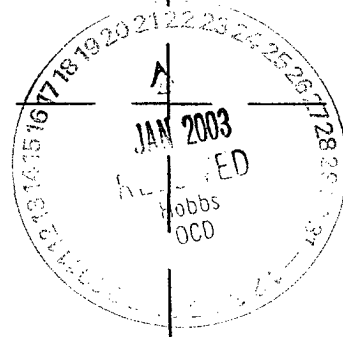
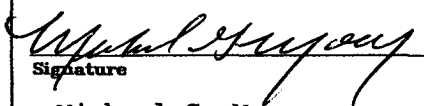
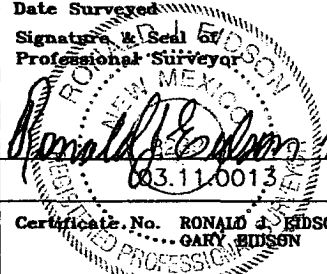
Surface Location

UL or lot No. J	Section 11	Township 19-S	Range 38-E	Lot Idn	Feet from the 2310	North/South line SOUTH	Feet from the 2170	East/West line EAST	County LEA
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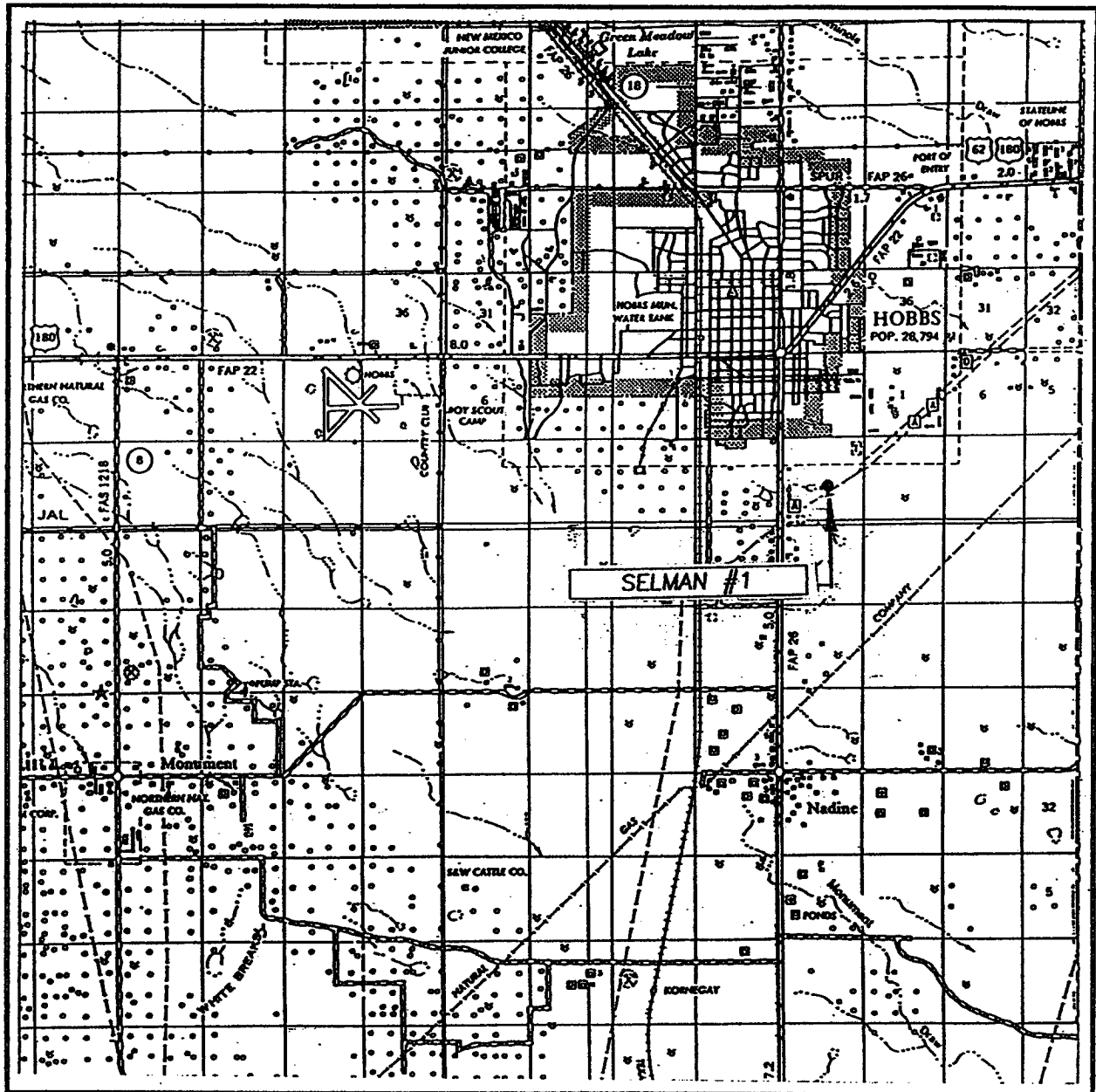
Bottom Hole Location If Different From Surface

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

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

	OPERATOR CERTIFICATION <i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature Michael G. Mooney Printed Name Engineer Title 1/17/03 Date	
	SURVEYOR CERTIFICATION <i>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.</i> JANUARY 10, 2003 Date Surveyed Signature & Seal of Professional Surveyor  Certificate No. RONALD J. EDSON 3239 GARY EDISON 12641	

VICINITY MAP



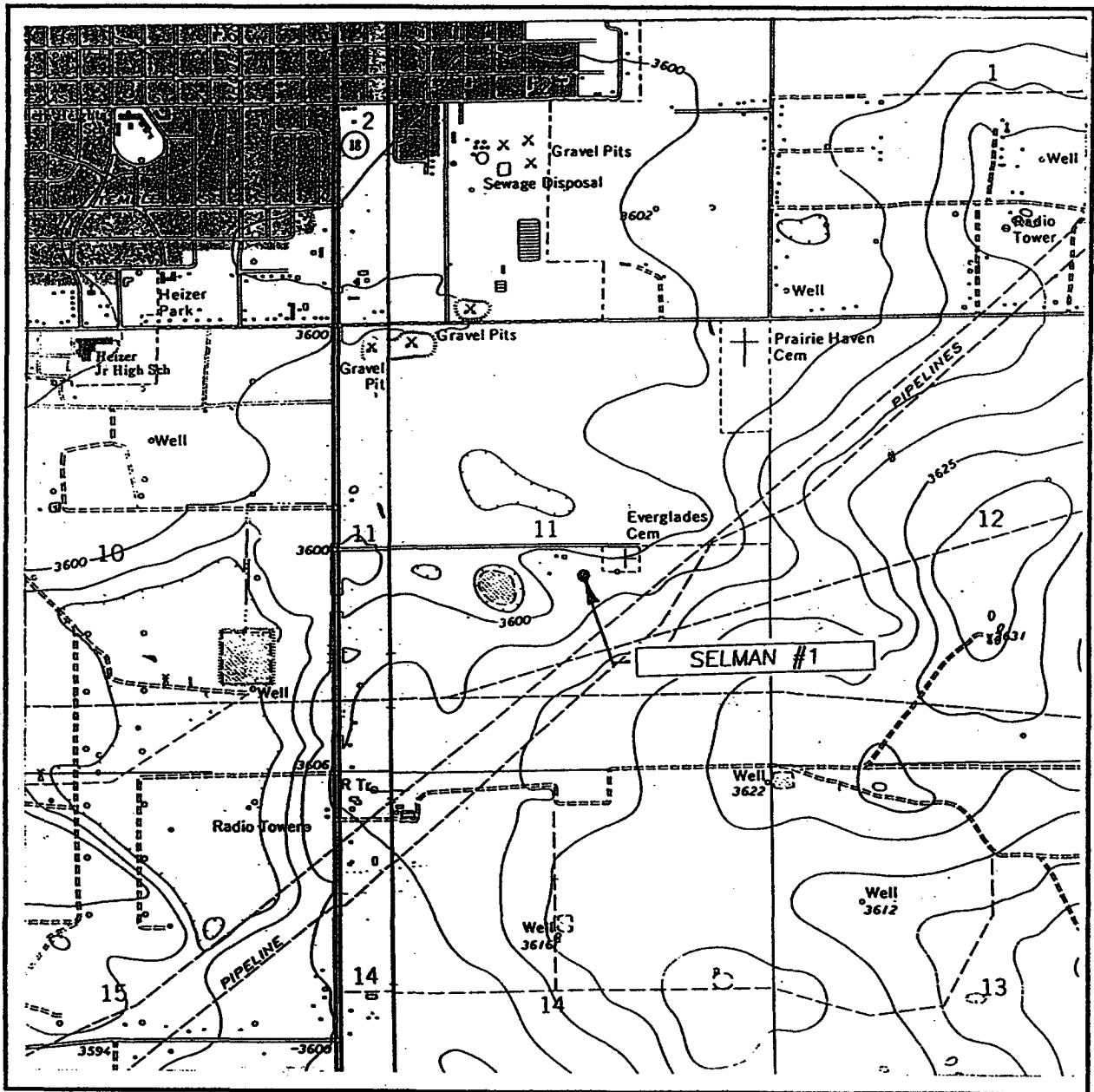
SCALE: 1" = 2 MILES

SEC. 11 TWP. 19-S RGE. 38-E
 SURVEY N.M.P.M.
 COUNTY LEA
 DESCRIPTION 2310' FSL & 2170' FEL
 ELEVATION 3603'
 OPERATOR TRILOGY OPERATING, INC.
 LEASE SELMAN

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



LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

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

SEC. 11 TWP. 19-S RGE. 38-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 2310' FSL & 2170' FEL

ELEVATION 3603'

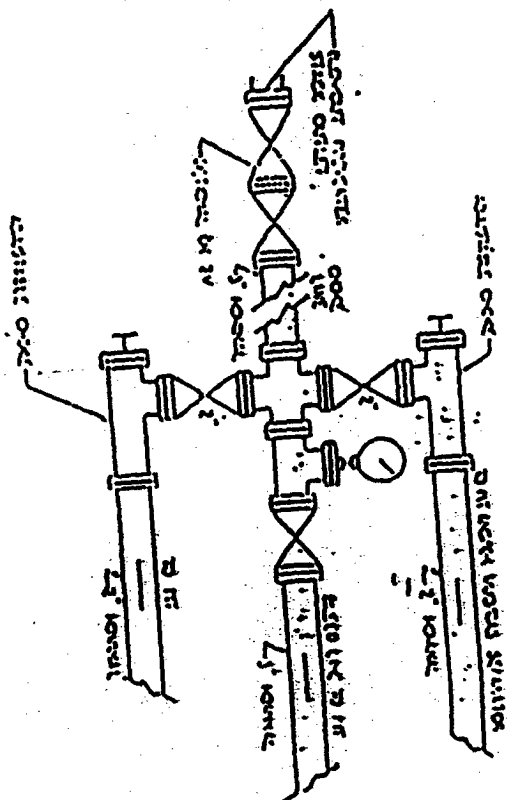
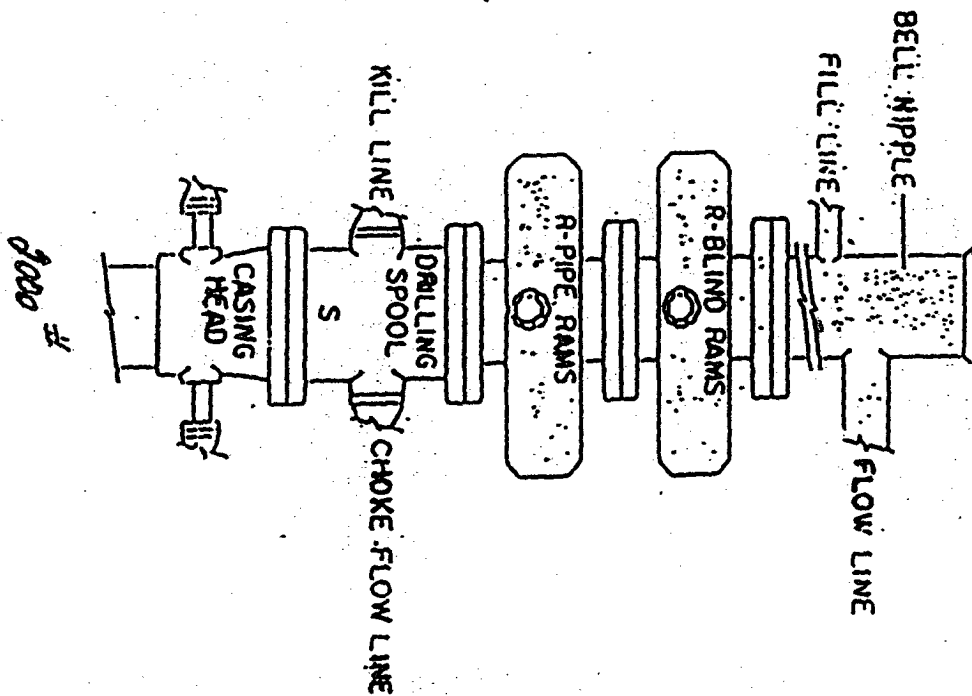
OPERATOR TRILOGY OPERATING, INC.

LEASE SELMAN

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

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





PROPOSED BOP CONFIGUREMENT

