

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

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

¹ Operator Name and Address. Nadel and Gussman Permian, LLC 601 N. Marienfeld, Ste. 508 Midland, Texas 79701		² OGRID Number 155615
⁴ Property Code 32346	⁵ Property Name Loco Ocho State	³ API Number 30-025-36285
		⁶ Well No. 1

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
N	33	16S	35E	-	660	South	1980	West	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
⁹ Proposed Pool 1 Shoobar Morrow South 85220 (Deepest Zone)						¹⁰ Proposed Pool 2 -----			

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary Rotary	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3991
¹⁶ Multiple No	¹⁷ Proposed Depth 12,900	¹⁸ Formation Morrow	¹⁹ Contractor Patterson	²⁰ Spud Date +/- 5/21/03

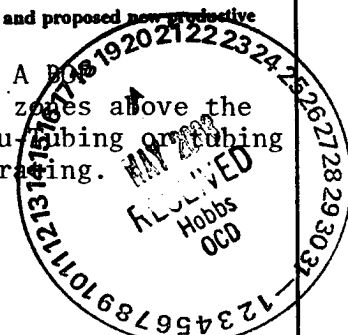
²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 3/8"	42	400	360	Cir to surface
11"	8 5/8"	32	5000	1,258	Cir to surface
7 7/8"	5 1/2"	17	12,900	695	6000'

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.

Drill and complete well in Morrow with projected TD of 12,900'. A BOS schematic is attached. A multi stage cement tool may be used if zones above the Morrow are prospective. The Morrow may be completed using a Thru-tubing or tubing conveyed gun. A 5000 psi tree will be nipped up prior to perforating.

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: *Gordan Barker*

Printed name: Gordan Barker

Title: Drilling Superintendent

Date: Phone: 915-238-1269

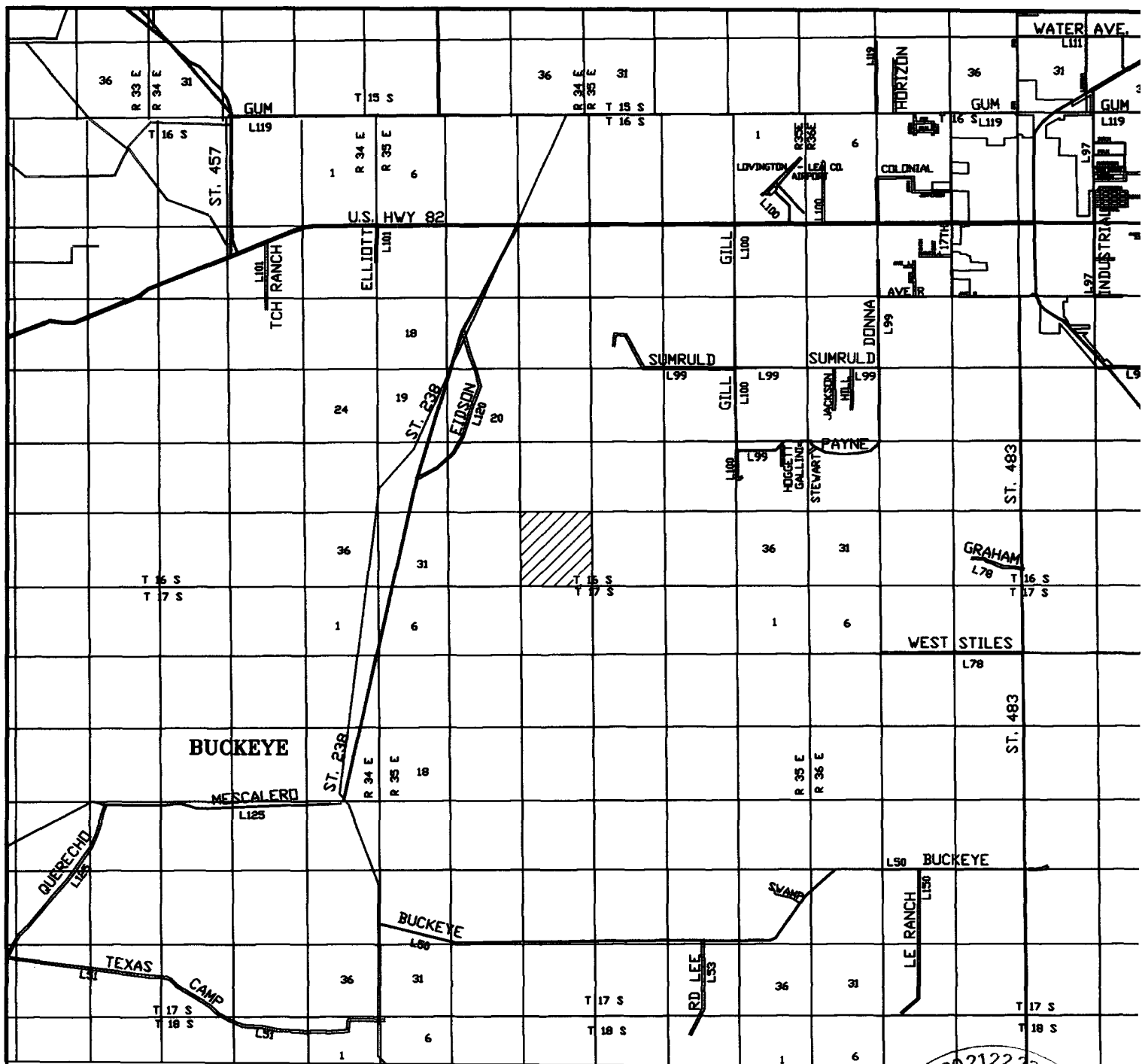
OIL CONSERVATION DIVISION

Approved by: *[Signature]*

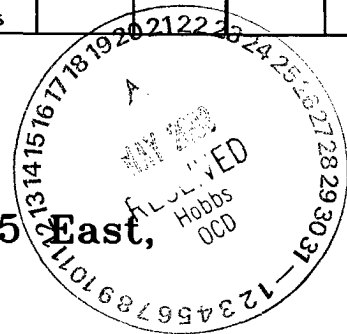
Title: PETROLEUM ENGINEER

Approval Date: MAY 20 2003 Expiration Date:

Conditions of Approval:
Attached ☐



LOCO OCHO STATE #1
 Located at 660' FSL and 1980' FWL
 Section 33, Township 16 South, Range 35 East,
 N.M.P.M., Lea County, New Mexico.



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P.O. Box 1786
 1120 N. West County Rd.
 Hobbs, New Mexico 88241
 (505) 393-7316 - Office
 (505) 392-3074 - Fax
 basinsurveys.com

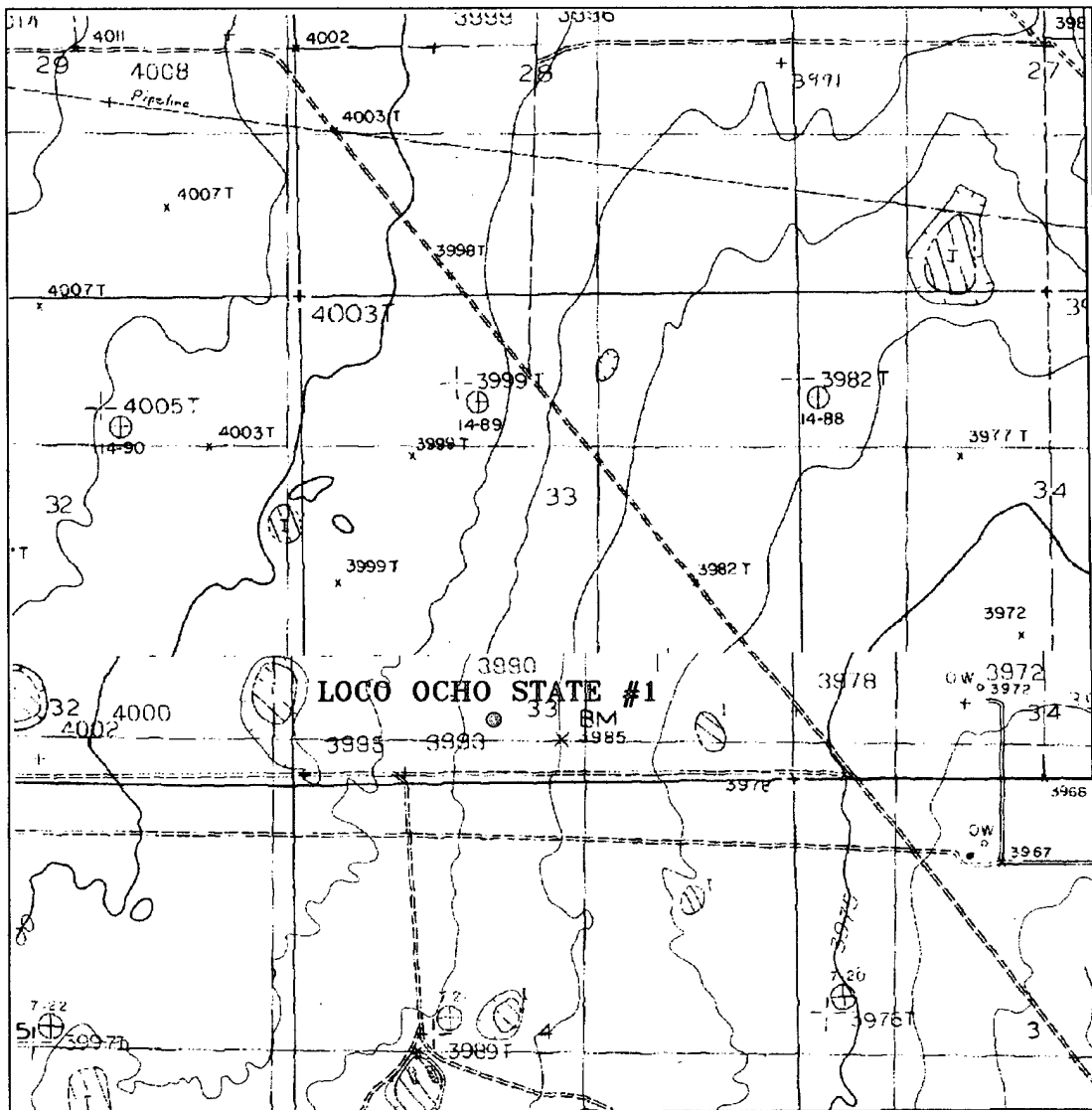
W.O. Number: 3277AA - KJG CD#6

Survey Date: 05-08-2003

Scale: 1" = 2 MILES

Date: 05-08-2003

NADEL & GUSSMAN
PERMIAN, L.L.C.



LOCO OCHO STATE #1

Located at 660' FSL and 1980' FWL
 Section 33, Township 16 South, Range 33rd East,
 N.M.P.M., Lea County, New Mexico.



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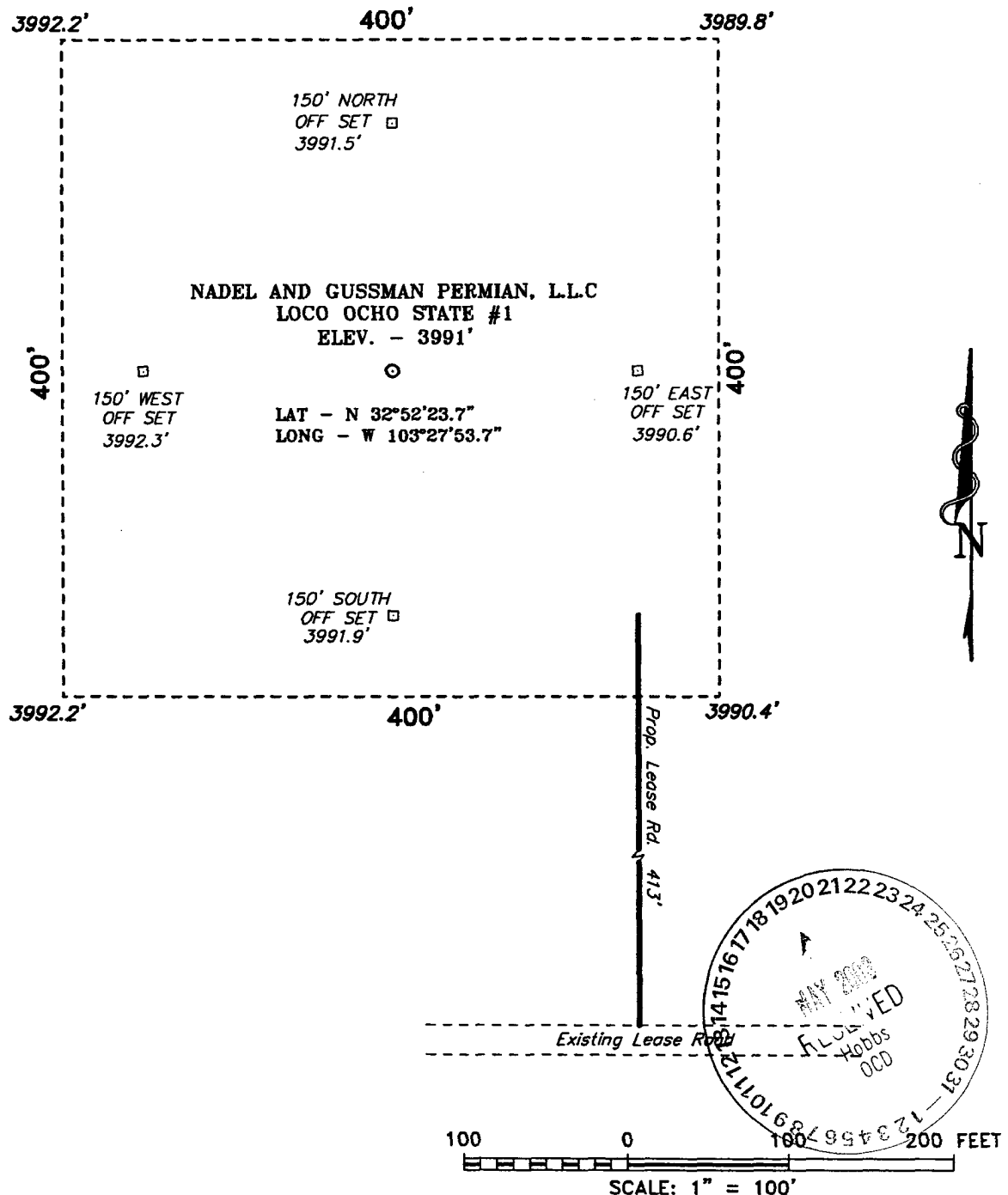
Survey Date: 05-08-2003

Scale: 1" = 2000'

Date: 05-08-2003

NADEL & GUSSMAN
PERMIAN, L.L.C.

SECTION 33, TOWNSHIP 16 SOUTH, RANGE 35 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.



DIRECTIONS TO WELL LOCATION

FROM MILE MARKER 14 ON STATE HWY 238, GO 200 FEET TO A LEASE ROAD; THENCE EAST ON LEASE ROAD FOR 2.3 MILES TO PROPOSED LEASE ROAD.

BASIN SURVEYS P.O. BOX 1786—HOBBS, NEW MEXICO

W.O. Number: 3277	Drawn By: K. GOAD
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Date: 05-08-2003 Disk: KJG #7 - 3277A.DWG

NADEL AND GUSSMAN PERMIAN, L.L.C.

REF: LOCO OCHO STATE No. 1 / Well Pad Topo

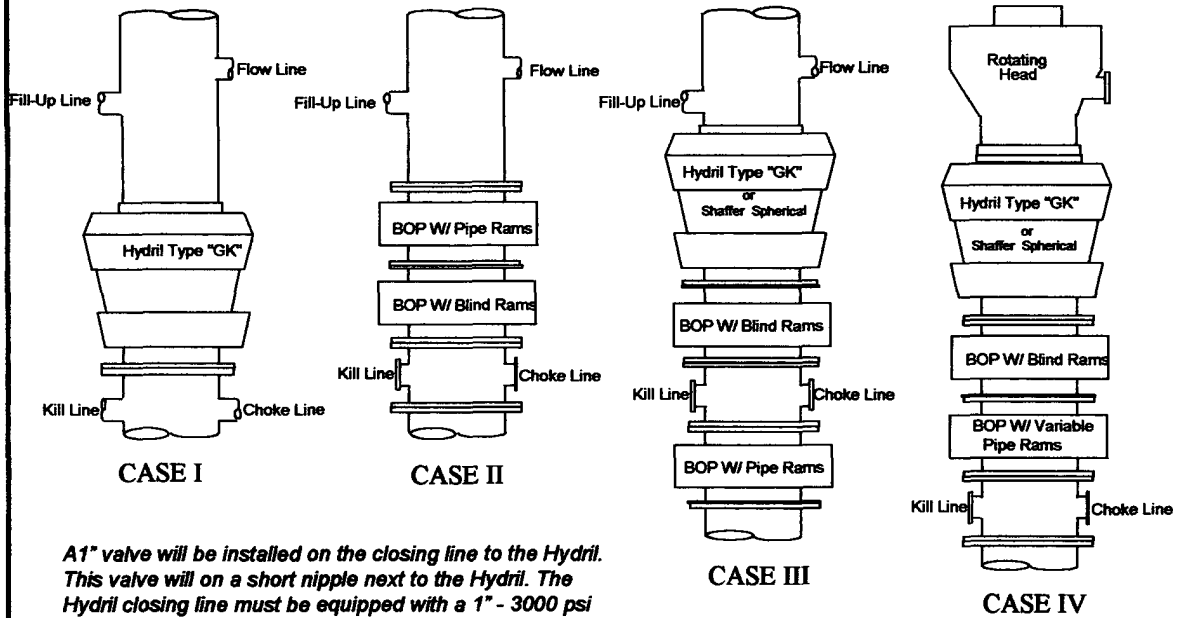
THE LOCO OCHO STATE No. 1 LOCATED 660' FROM
THE SOUTH LINE AND 1980' FROM THE WEST LINE OF
SECTION 33, TOWNSHIP 16 SOUTH, RANGE 35 EAST,
N.M.P.M., LEA COUNTY, NEW MEXICO.

Survey Date: 05-08-2003 Sheet 1 of 1 Sheets

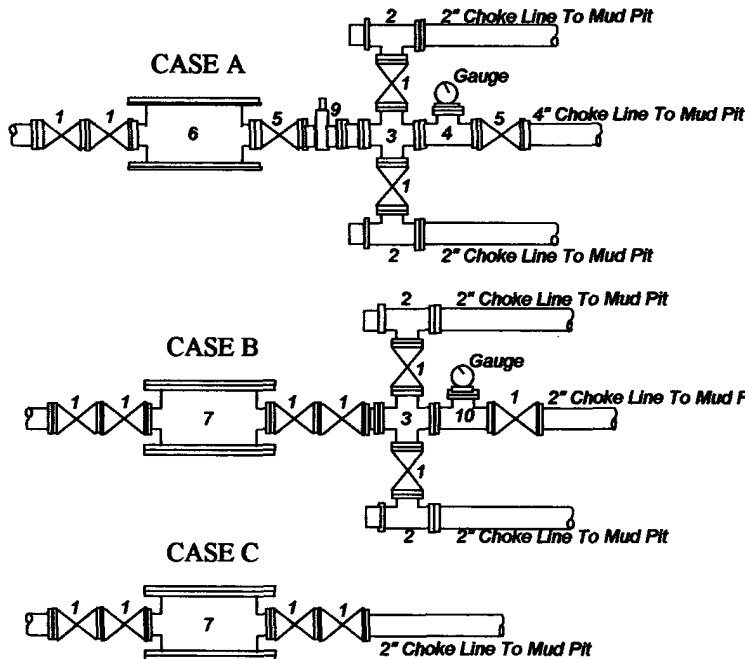
Nadel and Gussman Permian

Loco Ocho #1

MINIMUM BLOWOUT PREVENTER REQUIREMENTS



A1" valve will be installed on the closing line to the Hydriil. This valve will on a short nipple next to the Hydriil. The Hydriil closing line must be equipped with a 1" - 3000 psi WP plug valve on the nipple into the Hydriil.



BOP SIZE	BOP CASE	WORKING PRESSURE	CHOKE CASE
13-5/8	III	3000	A
11"	IV	5000	A

***Rotating head required**

Bradenhead : _____
 Mfr: _____
 Size: _____ Type: _____

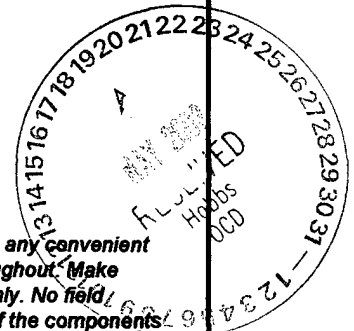
Legend

- 2" flanged all steel valve must be either Cameron "F", Halliburton Low Torque or Shaffer Flo-Seal.
- 2" flanged adjustable chokes, min. 1" full opening & equipped with hard trim.
- 4" x 2" flanged steel cross.
- 4" flanged steel tee.
- 4" flanged all steel valve (Type as in no. 1).
- Drilling Spool with 2" x 4" flanged outlet.
- Drilling Spool with 2" x 2" flanged outlet.
- 2" x 2" flanged steel cross.
- 4" pressure operated gate valve.
- 2" flanged steel tee.

Notes

Choke manifold may be located in any convenient position. Use all steel fittings throughout. Make 90° turns with bull plugged tees only. No field welding will be permitted on any of the components of the choke manifold and related equipment upstream of the chokes. The choke spool and all lines and fittings must be at least equivalent to the test pressure of the preventers required. Independent closing control unit with clearly marked controls to be located on derrick floor near driller's position.

(10-31-96) WTXBOPS.PPT



DISTRICT I
1685 N. French Dr., Hobbs, NM 88240

DISTRICT II
611 South Pinal, Artesia, NM 88210

DISTRICT III
1900 Rio Hondo Rd., Artesia, NM 87410

DISTRICT IV
6240 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised March 17, 1999

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-	Pool Code 85220	Pool Name Shoe Bar Morrow South
Property Code 32346	Property Name LOCO OCHO STATE	Well Number 1
OCARD No. 155615	Operator Name NADEL AND GUSSMAN PERMIAN, L.L.C.	Elevation 3991'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	33	16 S	35 E		660	SOUTH	1980	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

Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.
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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

3082.2' - 3980.8' 1980' 3992.2' - 3980.4' 660' Lot - N32°52'23.7" Lot - W103°27'53.7"	OPERATOR CERTIFICATION I hereby certify the the information contained herein to true and complete to the best of my knowledge and belief. <i>Gordon Barker</i> Signature GORDON BARKER Printed Name OPERATIONS MGR. Title 5/19/03 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. MAY 8, 2003 Date Surveyed <i>DAVID JONES</i> Signature of Seal of Professional Surveyor DAVID JONES Printed Name 7877 Certificate No. (Seal) 7877 Certificate No. (Form) DAVID JONES Professional Surveyor
	7877 Certificate No. (Seal) 7877 Certificate No. (Form) DAVID JONES Professional Surveyor
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