

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised March 17, 1999

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, L. L. C. 601 N. Marienfeld, Suite 508 Midland, Texas 79701 | | ² OGRID Number 155615 |
| | | ³ API Number 30 - 025 - 34780 |
| ³ Property Code 25119 | ⁵ Property Name Sombrero State | 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 |
|---------------|-----------|-------------|-------------|---------|---------------|------------------|---------------|----------------|------------|
| C | 15 | 16-S | 33-E | | 990' | North | 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 Sombrero Wildcat Atoka, West | | | | | | 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 4207' |
| ¹⁶ Multiple No | ¹⁷ Proposed Depth 13,100' | ¹⁸ Formation Atoka | ¹⁹ Contractor | ²⁰ Spud Date +/- 01/15/2000 |

²¹ Proposed Casing and Cement Program

| Hole Size | Casing Size | Casing weight/foot | Setting Depth | Sacks of Cement | Estimated TOC |
|----------------|----------------|--------------------|----------------|-----------------|-------------------|
| 24" | 20" | 48# | 40' | 10 sx | Circulated |
| 17-1/2" | 13-3/8" | 42# | 400' | 380 sx | Circulated |
| 12-1/4" | 8-5/8" | 32# | 4500' | 1205 sx | Circulated |
| 7-7/8" | 5-1/2" | 17# | 13,100' | 720 sx | 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.

Drill and complete well in Atoka with a projected TD of 13,100'. A BOP schematic is attached. A DV tool may be used if zones above the Atoka are prospective. The Atoka will be completed using thru-tubing or tubing conveyed guns. A 5000 psig 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: *[Signature]*

Printed name: **Robert T. McNaughton**

Title: **Operations Engineer**

Date: **11-30-99**

Phone: **915 - 682 - 4429**

OIL CONSERVATION DIVISION

ORIGINAL SIGNED BY

Approved by: **GARY WINK**
FIELD REPRESENTATIVE

Title:

Approval Date: **DEC - 7 1999**

Expiration Date:

Conditions of Approval:

Attached ☐

5015

[Signature]