

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand, 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

**RECEIVED**  
Submit to appropriate District Office  
MAR - 5 2004 State Lease - 6 Copies  
Fee Lease - 5 Copies  
**OCD-ARTESIA** ☐ AMENDED REPORT

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

<sup>1</sup> Operator Name and Address <b>Nadel and Gussman Permian, L. L. C. 601 N. Marienfeld, Suite 508 Midland, Texas 79701</b>		<sup>2</sup> OGRID Number <b>155615</b>
		<sup>3</sup> API Number <b>30-015-33282</b>
<sup>3</sup> Property Code	<sup>5</sup> Property Name <b>Apollo Fee</b>	<sup>6</sup> Well No. <b>1</b>

<sup>7</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>M</b>	<b>4</b>	<b>23-S</b>	<b>28-E</b>		<b>660'</b>	<b>South</b>	<b>660'</b>	<b>West</b>	<b>Eddy</b>

<sup>8</sup> Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	1	County
<sup>9</sup> Proposed Pool 1 <b>Loving Morrow (North) (80695)</b>						Cement to cover all oil, gas and water bearing zones.	

<sup>11</sup> Work Type Code <b>N</b>	<sup>12</sup> Well Type Code <b>G</b>	<sup>13</sup> Cable/Rotary <b>Rotary</b>	<sup>14</sup> Lease Type Code <b>P</b>	<sup>15</sup> Ground Level Elevation <b>3011'</b>
<sup>16</sup> Multiple <b>No</b>	<sup>17</sup> Proposed Depth <b>13,000'</b>	<sup>18</sup> Formation <b>Morrow</b>	<sup>19</sup> Contractor <b>Patterson</b>	<sup>20</sup> Spud Date <b>+/- 3/20/04</b>

<sup>21</sup> Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
<b>17-1/2"</b>	<b>13-3/8"</b>	<b>42#</b>	<b>400'</b>	<b>450 sx</b>	<b>Circ. to surface</b>
<b>12-1/4"</b>	<b>9-5/8"</b>	<b>40#</b>	<b>6000'</b>	<b>1200 sx</b>	<b>Circ. to surface</b>
<b>8-3/4"</b>	<b>5 1/2"</b>	<b>20#</b>	<b>13,000'</b>	<b>1000 sx</b>	<b>+/- 7000'</b>

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 the Morrow with a projected TD of 13,000'. A DV tool may be used if zones above the Morrow are prospective. The Morrow will be completed using thru-tubing, tubing conveyed, or casing guns.**

**No H2S is expected, but an H2S contingency letter is attached.**

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		<b>OIL CONSERVATION DIVISION</b>	
Signature: <i>Joel Martin</i>		Approved by: <i>James Lee</i>	
Printed name: <b>Joel Martin</b>		Title: <b>SUPERVISOR, DISTRICT II</b>	
Title: <b>Engineer</b>		Approval Date: <b>MAR 08 2004</b> Expiration Date:	
Date: <b>3/4/04</b>	Phone: <b>915-682-4429</b>	Conditions of Approval: <b>MAR 08 2005</b>	
Attached <input type="checkbox"/>			

DISTRICT I  
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DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico **MAR 01 2004**  
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	Pool Code	Pool Name Loving North
Property Code	Property Name APOLLO FEE	Well Number 1
OGRID No.	Operator Name NADEL AND GUSSMAN PERMIAN	Elevation 3011'

#### Surface Location

UL or lot No. M	Section 4	Township 23-S	Range 28-E	Lot Idn	Feet from the 660'	North/South line SOUTH	Feet from the 660'	East/West line WEST	County EDDY
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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
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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

<div>RECEIVED MAR - 5 2004 OCD-ARTESIA</div>				<b>OPERATOR CERTIFICATION</b> <i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i> <div>Signature <i>Joel Martin</i> Joel Martin Printed Name Engineer Title 3/4/04 Date</div>	
				<b>SURVEYOR CERTIFICATION</b> <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> FEBRUARY 25, 2004 Date Surveyed Signature & Seal of Professional Surveyor <i>[Signature]</i> 7977 W.O. No. 4028 Certificate No. Jones 7977 BASIN SURVEYS	

660' →  
660'  
Lat.: N32°19'44.3"  
Long.: W104°05'56.2"

**NADEL AND GUSSMAN PERMIAN, L.L.C.**  
**601. N. Marienfeld, Suite 508**  
**Midland, TX 79701**  
**(915) 682-4429 (P)**  
**(915) 682-4325 (Fax)**

3/4/04

Mr. Bryan Arrant  
District 2 Geologist  
New Mexico Oil and Gas Division  
1301 West Grand  
Artesia, NM 88210

**Re: Apollo Fee #1**  
**660' FSL, 660' FWL**  
**Unit Letter M, Sec. 4-23s-28e**  
**Eddy, NM**  
**Rule 118 H2S Exposure**

**RECEIVED**

MAR - 5 2004

**OCD-ARTESIA**

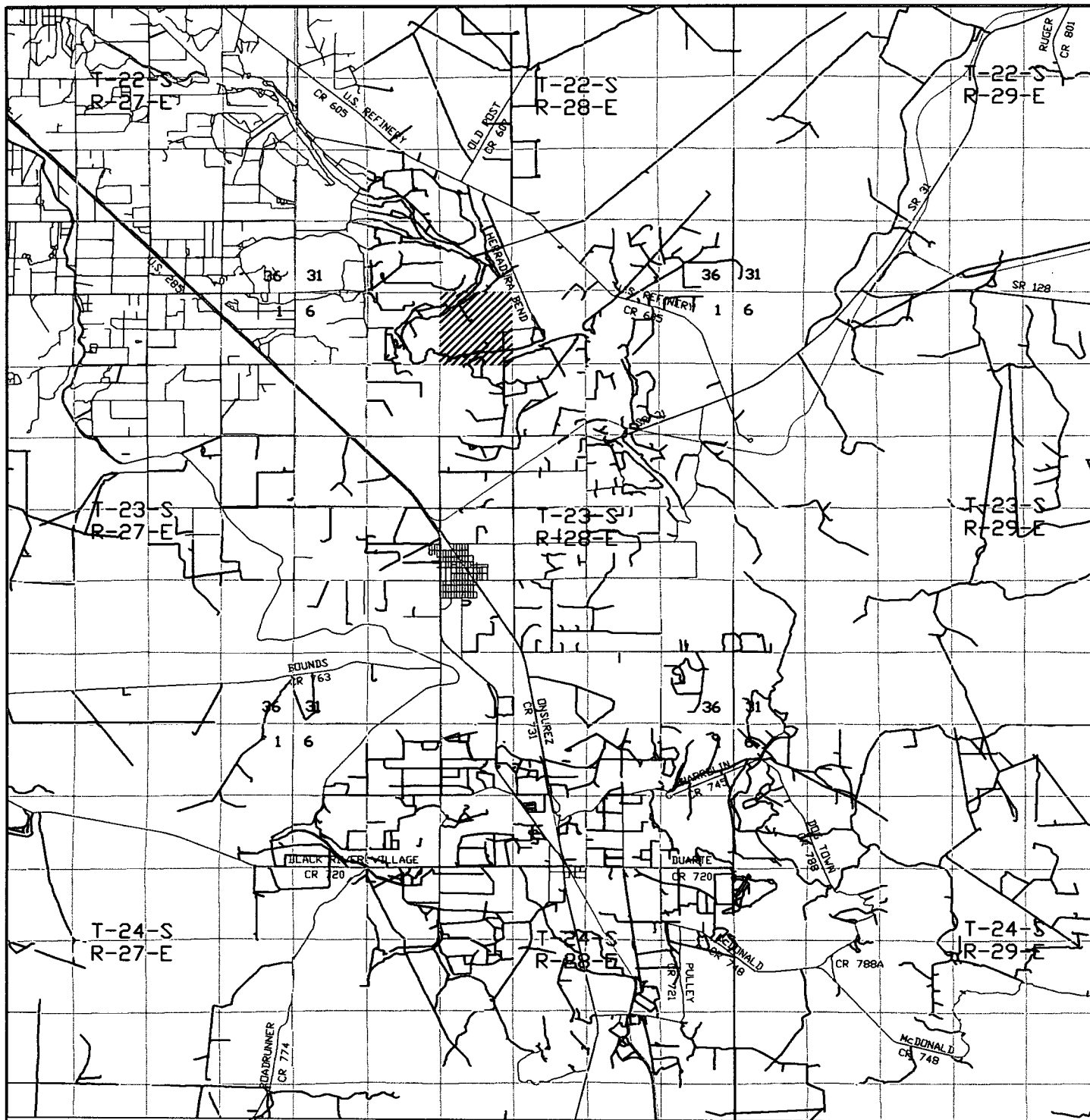
Dear Mr. Arrant,

Nadel and Gussman Permian has evaluated this well and we don not expect to encounter hydrogen sulfide. However, we will employ a third party monitoring system. We will begin monitoring prior to drilling out the intermediate casing and will continue through monitoring through the remainder of the well.

Please contact me if you have any additional questions.

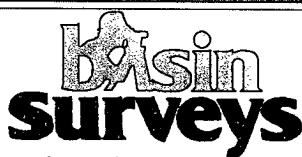
Sincerely,

  
Joel Martin  
Engineer



# APOLLO FEE #1

Located at 660' FSL and 660' FWL  
 Section 4, Township 23 South, Range 28 East,  
 N.M.P.M., Eddy County, New Mexico.



focused on excellence  
 in the oilfield

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: 4028AA - JLP #1

Survey Date: 02/25/04

Scale: 1" = 2000'

Date: 02/26/04

NADEL AND  
 GUSSMAN PERM.  
 L.L.C.

