

District I  
1625 N. French Dr., Hobbs, NM 88240  
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  
OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-101  
Revised March 12, 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

<sup>1</sup> Operator Name and Address. Lindenmuth & Associates, Inc. 510 Hearn Street Austin, Texas 78703		<sup>2</sup> OGRID Number 013343
		<sup>3</sup> API Number 30 - 025-28198
<sup>4</sup> Property Code 013912	<sup>5</sup> Property Name Barnhill	<sup>6</sup> Well No. 1

<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
L	1	145	37E		1650	South	990	West	Lea

<sup>8</sup> 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

<sup>9</sup> Proposed Pool 1 King Wolfcamp	<sup>10</sup> Proposed Pool 2
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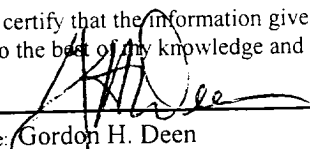
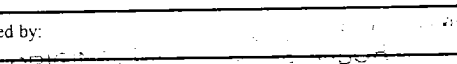


<sup>11</sup> Work Type Code D	<sup>12</sup> Well Type Code M	<sup>13</sup> Cable/Rotary	<sup>14</sup> Lease Type Code P	<sup>15</sup> Ground Level Elevation 3831 GR
<sup>16</sup> Multiple	<sup>17</sup> Proposed Depth	<sup>18</sup> Formation Strawn / Wolfcamp	<sup>19</sup> Contractor	<sup>20</sup> Spud Date

<sup>21</sup> 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		405	500	
12 1/4	8 5/8		4668	2200	
7 7/8	5 1/2		12744	2975	

<sup>22</sup> 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.

Lindenmuth & Associates, Inc. proposes to test the Strawn & Middle Wolfcamp in the following manner (current interval 9403'-9453'--Upper Wolfcamp):

- 1). Perforate and acidize the Strawn from 11,134-11,140 w/ 4 SPF & 1000 gal. HCL. Swab to test.
- 2). If the Strawn is commercial, return to production from Strawn. If uncommercial, set CIBP @ 11,000' +/- & dump 15 sx cement on top.
- 3). Perforate and acidize the Middle Wolfcamp from 10,084'-88', and 10,018'-26' w/ 4 SPF and 1500 gal. HCL. Swab to test.
- 4). If the Middle Wolfcamp is commercial, return to production from Middle and Upper Wolfcamp. If uncommercial, set CIBP @ 10,000' +/- & dump 15 sx cement on top. Return to production from Upper Wolfcamp.

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: 		OIL CONSERVATION DIVISION	
Printed name: Gordon H. Deen		Approved by: 	
Title: Operations Manager		Title: 	
Date: 7/2/00		Approval Date: 	Expiration Date:
Phone: 512-322-9779		Conditions of Approval: Attached <input type="checkbox"/>	

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway  
Deepening