

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**

<sup>1</sup> Operator Name and Address Doyle Hartman P. O. Box 10426 Midland, TX 79702		<sup>2</sup> OGRID Number 6473
		<sup>3</sup> API Number 30-025-34403
<sup>4</sup> Property Code 13411	<sup>5</sup> Property Name C. T. Bates	<sup>6</sup> Well No. 3

<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
K	10	26S	37E		1980'	South	1980'	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 Rhodes (Y-7R) Gas	<sup>10</sup> Proposed Pool 2
---	-------------------------------

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code P	<sup>15</sup> Ground Level Elevation 2987'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 3800'	<sup>18</sup> Formation Rhodes (Y-7R) Gas	<sup>19</sup> Contractor TMBR Sharp	<sup>20</sup> Spud Date 6-10-98

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

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
26"	20"	94#/ft	65'	125 sx (162 cu. ft.)	Surface
17-1/2"	13-3/8"	54.5#/ft	450'	400 sx	Surface
12-1/4"	9-5/8"	36#/ft	1700'	840 sx	Surface
8-3/4"	7"	23#/ft	3800'	908 sx	Surface

<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.

After setting 20" casing, rotating head will be installed for drilling 17-1/2" hole to 450'.

Before drilling out from under 13-3/8" intermediate, the well will be equipped with a 3000-psi 10" series-900 double-ram hydraulic BOP and Hydrill.

Cement volumes may be adjusted to insure that the cement behind all the strings of casing will be brought to the surface.

Note: This well is being drilled as a replacement well for the C. T. Bates #2 blowout well on a previously approved 160-acre non-standard proration unit (NMOCD Administrative Order NSP-1292-A, 1/11/91).

Permit Expires 1 Year From Approval Date Unless Drilling Underway

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Don Mashburn</i> Printed name: Don Mashburn Title: Engineer Date: 5/20/98	<b>OIL CONSERVATION DIVISION</b>	
	Approved by: ORIGINAL SIGNED BY CHRIS WILLIAMS DISTRICT I SUPERVISOR	
	Title:	Approval Date: <b>MAY 26 1998</b>
	Phone: (915) 684-4011	Expiration Date:
Conditions of Approval: Attached <input type="checkbox"/>		

WCH

*amp*