

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-101B  
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, PLUG BACK, OR ADD A ZONE

<sup>1</sup> Operator Name and Address. YATES DRILLING COMPANY 105 South Fourth Street Artesia, New Mexico 88210		<sup>2</sup> OGRID Number 025513
		<sup>3</sup> API Number 30-015-30782
<sup>4</sup> Property Code 24992 26226	<sup>5</sup> Property Name Hubble "28" State Com.	<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
E	28	19S	28E		1980'	North	990'	West	Eddy

<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 Under Winchester, INCARW					87600	<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 S	<sup>15</sup> Ground Level Elevation 3379'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 11,300'	<sup>18</sup> Formation Morrow	<sup>19</sup> Contractor Not determined	<sup>20</sup> Spud Date 10-22-99 ASAP

Minimum WOC time 8 hrs. <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"	48#	400'	400 sx	Circulate
12 1/4"	8 5/8"	24# & 32#	2950'	1300 sx	Circulate
7 7/8"	5 1/2"	17#	11,300'	400 sx	TOC 8500'

<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.  
Yates Drilling Company proposes to drill and test the Morrow and intermediate formations. Approximately 400' of surface casing will be set and cement circulated. Approximately 2950' of intermediate casing will be set and cement circulated. If commercial, production casing will be set and cemented back to TOC at 8500'. Will perforate and stimulate as needed for production.  
MUD PROGRAM: 0-400' FW/Paper; 400'-2950' Brine; 2950'-9000' Cut Brine; 9000-9800' Cut Brine/Starch; 9800'-11,300' Salt Gel/Starch/Drispac.  
BOPE PROGRAM: 3000# BOPE will be installed on the 8 5/8" casing and tested daily for operational.

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name:

Ken Beardemphl

Title:

Landman

Date:

October 12, 1999

Phone:

(505) 748-1471

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY TIM W. GUM

Title:

DISTRICT II SUPERVISOR

Approval Date:

10-18-99

Expiration Date:

10-18-00

Conditions of Approval:

Attached ☐