

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
811 S. 1st Street, Artesia, NM 88210-2834  
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-101  
Revised October 18, 199  
Instructions on bac  
Submit to Appropriate District O  
State Lease - 6 Copie  
Fee Lease - 5 Copie

☐ AMENDED REPORT

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

<sup>1</sup> Operator name and Address ARCO PERMIAN P.O. BOX 1610 MIDLAND, TX 79702		<sup>2</sup> OGRID Number 000990
		<sup>3</sup> API Number 30-025-345-116
<sup>4</sup> Property Code 01509	<sup>5</sup> Property Name MCDONALD STATE <del>WY</del>	<sup>6</sup> Well No. 34

<sup>7</sup> Surface Location									
UL or lot no. K	Section 14	Township 22S	Range 36E	Lot. Idn	Feet from the 1810	North/South Line SOUTH	Feet from the 2030	East/West line WEST	County 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 JALMAT GAS POOL (TANSILL-YATES-SEVEN RIVERS)					<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 3519
<sup>16</sup> Multiple NO	<sup>17</sup> Proposed Depth 3600'	<sup>18</sup> Formation SEVEN RIVERS	<sup>19</sup> Contractor CAPSTAR	<sup>20</sup> Spud Date 12/98

<sup>21</sup> Proposed Casing and Cement Program					
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
11	8-5/8	24	425	300	SURE
7-7/8	5-1/2	15-1/2	3600	850	SURE

<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.

Subject well planned as a 3600' straight hole.  
3000 psi BOPE will be used from 425' to TD.

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: *Laurie Cherry*  
Printed name: LAURIE CHERRY

Title: REG./COMP. ASST.

OIL CONSERVATION DIVISION

Approved by: *ORIGINAL SIGNATURE*

Title: *SENIOR ENGINEER*

Approval Date: *DEC 09 1998* Expiration Date: