

District I  
P.O. 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-101  
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, PLUGBACK, OR ADD A ZONE

<sup>1</sup> Operator Name and Address. <b>Pennzoil Exploration and Production Company P.O. Box 2967 Houston, Texas 77252-2967</b>		<sup>2</sup> OGRID Number <b>17172</b>
		<sup>3</sup> API Number <b>30 - 007-20115</b>
<sup>4</sup> Property Code <b>23666</b>	<sup>5</sup> Property Name <b>VPR - Canadian River 3220</b>	<sup>6</sup> Well No. <b>312E</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
E	31	32N	20E		1763	North	949	West	Colfax

<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 <b>Vermejo Formation Coals</b>					<sup>10</sup> Proposed Pool 2				

<sup>11</sup> Work Type Code <b>N</b>	<sup>12</sup> Well Type Code <b>G</b>	<sup>13</sup> Cable/Rotary <b>R</b>	<sup>14</sup> Lease Type Code <b>P</b>	<sup>15</sup> Ground Level Elevation <b>8050'</b>
<sup>16</sup> Multiple <b>No</b>	<sup>17</sup> Proposed Depth <b>2300'</b>	<sup>18</sup> Formation <b>Vermejo/Trinidad</b>	<sup>19</sup> Contractor	<sup>20</sup> Spud Date <b>1/15/99</b>

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

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-3/4"	8-5/8"	24#	350'	175	Surface
7-7/8"	5-1/2"	17#	2300'	450	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.

1. Drill 12-3/4" hole to 350' with air.
2. Set 8-5/8" casing and cement to surface.
3. Drill 7-7/8" hole to 2300' with air.
4. Set 5-1/2" casing to TD and cement to surface.
5. Perforate and stimulate Vermejo coals and run 2-7/8' tubing and pumping equipment.

COLLECT AND LOG SAMPLES FOR  
NEW MEXICO BUREAU OF MINES, GEOLOGY  
AT AT LEAST TEN FOOT INTERVALS

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: <i>Paul L. Bruce</i>		Approved by: <i>Ry E. [Signature]</i>	
Printed name: Paul L. Bruce		Title: <b>DISTRICT SUPERVISOR</b>	
Title: Project Manager		Approval Date: <b>9/2/98</b>	Expiration Date: <b>9/2/99</b>
Date: August 7, 1998	Phone: (713) 546-4819	Conditions of Approval: Attached <b>1. ASSESSMENT REQUIRED</b>	