

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 -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. Primal Energy Corporation 211 Highland Cross, Suite #227 Houston, TX 77073		<sup>2</sup> OGRID Number 154303
		<sup>3</sup> API Number 30-025-33177
<sup>4</sup> Property Code 26911	<sup>5</sup> Property Name Knowles	<sup>6</sup> Well No. 1

<sup>7</sup> Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	N/S Line	Feet from the	E/W Line	County
J	1	16S	38E	10	3,627	N	1,425	E	Lea

<sup>8</sup> Proposed Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	N/S Line	Feet from the	E/W Line	County
J	1	16S	38E	10	3,736	N	1,520	E	Lea
<sup>9</sup> Proposed Pool 1 Southeast Denton-Devonian					<sup>10</sup> Proposed Pool 2				

<sup>11</sup> Work Type Code D	<sup>12</sup> Well Type Code O	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 3,717'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 13,100'	<sup>18</sup> Formation Devonian	<sup>19</sup> Contractor Unknown	<sup>20</sup> Spud Date 03/20/02

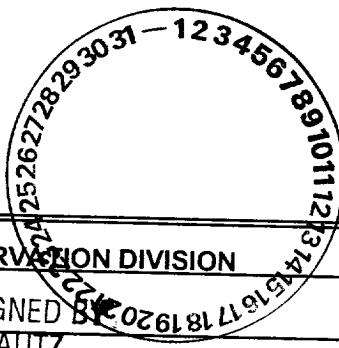
<sup>21</sup> Proposed Casing and Cementing Program					
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
	13 3/8"	Existing			
	8 5/8"	Existing			
	5 1/2"	Existing			
4 3/4"	4"	9.5 ppf	13'100' MD	100 sx.	11,150' TOL

<sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

1. Install wellhead and drill out plugs to +/-11,650'.
2. Clean out window in 5 1/2" at 11,650'.
3. Directionally drill to proposed new bottom hole.
4. Run and cement 4" liner and complete approval.

Permit Expires 1 Year from Approval  
Date Unless Drilling Underway

Re-Entry



<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: John Abernethy  
Title: Mgr. Oper. & Eng.

Approved by: OIL CONSERVATION DIVISION  
ORIGINAL SIGNED BY: PAUL F. KAUTZ  
Title: PETROLEUM ENGINEER  
Approval Date: MAR 22 2002  
Expiration Date: