

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Form C-101  
Revised March 17, 1999

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

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>Southwestern Energy Production Company 2350 North Sam Houston Parkway East, Suite 300 Houston, TX 77032</b>		<sup>2</sup> OGRID Number <b>148111</b>
		<sup>3</sup> API Number <b>30 - 025-35325</b>
<sup>3</sup> Property Code <b>27059</b>	<sup>5</sup> Property Name <b>Butkus "2" State</b>	<sup>6</sup> Well No. <b>1</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
P/16	2	21S	34E		3300	South	900	East	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 <b>Osudo;Morrow, West</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>S</b>	<sup>15</sup> Ground Level Elevation <b>3,705'</b>
<sup>16</sup> Multiple <b>N</b>	<sup>17</sup> Proposed Depth <b>13,400'</b>	<sup>18</sup> Formation <b>Morrow</b>	<sup>19</sup> Contractor <b>Big Dog</b>	<sup>20</sup> Spud Date <b>01/26/01</b>

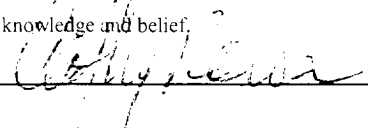

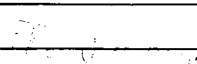
<sup>21</sup> Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
26"	20"		40'	Ready Mix	Surface
17 1/2"	13 3/8"	61#	1,350'	1,085	Surface
12 1/4"	9 5/8"	40#	5,750'	1,125	1,200'
8 1/2"	7"	26#	11,823'	860	4,800'
6 1/8"	4 1/2"	13.5#	13,423'	150	11,300'

<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. SEE ATTACHMENT.

Revised BHL. Will no longer be a directional well.

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: 		<b>OIL CONSERVATION DIVISION</b>	
Printed name: Cathy Rowan		Approved by: 	
Title: Sr. Engineering Technician		Approval Date:  Expiration Date:	
Date: January 26, 2001	Phone: 281-618-4733	Conditions of Approval: Attached <input type="checkbox"/>	