

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-101  
Revised February 10, 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. Santa Fe Energy Resources, Inc. 550 W. Texas, Suite 1330 Midland, TX 79701		<sup>1</sup> OGRID Number 20305
		<sup>1</sup> API Number 30-025-33733
<sup>4</sup> Property Code 20076	<sup>5</sup> Property Name Grasslands "27"	<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
P	27	15-S	34E		1243	South	353'	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 Wildcat Devonian					<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 Fee	<sup>15</sup> Ground Level Elevation 4071
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 14500'	<sup>18</sup> Formation Devonian	<sup>19</sup> Contractor To be determined	<sup>20</sup> Spud Date 11-20-96

<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"	48.0	450'	450	surface
12 1/4"	9 5/8"	40.0	4700'	1500	surface
8 3/4"	5 1/2"	17.0	14500'	850	10000'

<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.

NSL-3740  
Rig up rotary tools. Set 13 3/8" casing at 450', WOC 12 hours, NU annular preventor and test casing to 500 psi. Set 9 5/8" casing at 4700', WOC 12 hours and NU 5M double ram BOP w/annular. Test casing to 2000 psi. Drill to a TD of 14,500'. Run logs, either run 5 1/2" casing or plug and abandon as per State requirements.

Permit Expires 1 Year From Approval  
Date Unless Being 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: <i>James P. Stinson</i> Printed name: James P. Stinson Title: Agent for Santa Fe Energy Date: 10-31-96		<b>OIL CONSERVATION DIVISION</b> Approved by: <i>[Signature]</i> Title: <i>[Title]</i> Approval Date: DEC 21 1996 Expiration Date: <i>[Date]</i> Conditions of Approval: Attached <input type="checkbox"/>	
--	--	--	--