

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, 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>2</sup> OGRID Number 020305
<sup>4</sup> Property Code 016676	<sup>5</sup> Property Name Weems	<sup>3</sup> API Number 30-0 15-24827
		<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
C	27	22S	27E		990	North	1330	West	Eddy

<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 Undesignated (Atoka) Gas					<sup>10</sup> Proposed Pool 2				

<sup>11</sup> Work Type Code P	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code P	<sup>15</sup> Ground Level Elevation 3108.4' GL
<sup>16</sup> Multiple N/A	<sup>17</sup> Proposed Depth 12,032' Actual	<sup>18</sup> Formation Atoka	<sup>19</sup> Contractor	<sup>20</sup> Spud Date

<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"	54.5	455'	1000 sx C1 "C"	Circ'd to surface
12-1/4"	9-5/8"	40.0	5,505'	2575 sx PSL & C	Circ'd to surface
8-1/2"	5-1/2"	20.0	12,032'	715 sx C1 "H"	8850'

<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

RIH w/ plug & latch into "F" nipple @ 11,464.3'. Test plug to 1000 psi. Morrow perms 11,578'-11,658' plugged off. RIH w/ gun assembly on wireline. Set packer at +11,075' w/ guns on depth and perforate Atoka formation 11,128'-11,134' (25 holes). Flow test Atoka interval. Stimulate if necessary. File appropriate forms with NMOC.

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Terry McCullough*  
Printed name: Terry McCullough

Title: Sr. Production Clerk

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY TIM W. GUM  
DISTRICT II SUPERVISOR

Title:

Approval Date: 2-22-99 Expiration Date: 2-22-00