

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 SAGA PETROLEUM LLC 415 W. WALL, SUITE 1900  MIDLAND TX 79701		<sup>2</sup> OGRID Number 148967  <sup>3</sup> API Number 30-025- 35122
<sup>4</sup> Property Code 020311	<sup>5</sup> Property Name MONUMENT	<sup>6</sup> Well No. 5

<sup>7</sup> Surface Location									Approval Date:
UL or lot no. F	Section 12	Township 19S	Range 36E	Lot Idn	Feet from the 1880	North/South line NORTH	Feet from the 1980	East/West line WEST	County 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 Eunice Monument Grayburg SA					<sup>10</sup> Proposed Pool 2				

<sup>11</sup> Work Type Code Drill	<sup>12</sup> Well Type Code OIL	<sup>13</sup> Cable/Rotary ROTARY	<sup>14</sup> Lease Type Code State	<sup>15</sup> Ground Level Elevation 3742'
<sup>16</sup> Multiple	<sup>17</sup> Proposed Depth 4500'	<sup>18</sup> Formation San Andres	<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
12-1/4"	8-5/8"	24#	350'	225 sx Prem+	Circ-surf
7-7/8"	5-1/2"	14#	4500'	775 sx Prem+	Circ-surf

<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.

Drill surface hole w/FW mud 8.4-8.8 ppg & 34-36 vis to 350'. Run 8-5/8" csg. WOC 8 hrs, cut off 8-5/8", install 2000 psi SOW WH & NU 3000 psi double Ram BOP & rotating head prior to drl out surf csg shoe, press test csg to 1000 psi for 15 mins. Drl 7-7/8" hole w/native brine wtr to 2500', mud up w/SW gel to vis 35-40, MW 9.5-10 ppg & WL 10-15 ccs. Log & run 5-1/2" csg. Cmt one stage w/775 sx Prem Plus w/gel & FLA. Circ cmt to surface, displace plug w/2% KCL FW.

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

Signature: *Bonnie Husband*

Printed name: Bonnie Husband

Title: Production Analyst

Date: 08/08/2000

Phone: (915)684-4293

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY CHIEF WILLIAMS  
DISTRICT I SUPERVISOR

Title:

Aug 16 2000

Expiration Date:

Conditions of Approval:  
Attached ☐

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway