

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

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-101  
Revised March 17, 1999

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 Matador Operating Company 8340 Meadow Rd., #158 Dallas, TX 75231		<sup>2</sup> OGRID Number 014245
		<sup>3</sup> API Number 30-025-35151
<sup>3</sup> Property Code 26617	<sup>5</sup> Property Name Cooper "S"	<sup>6</sup> Well No. 6

<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
G	5	20S	37E		2310'	North	2064'	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 SE Monument Abo					<sup>10</sup> Proposed Pool 2				

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code O	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code P	<sup>15</sup> Ground Level Elevation 3560'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 7600'	<sup>18</sup> Formation Abo	<sup>19</sup> Contractor Patterson Drilling	<sup>20</sup> Spud Date 9-15-00

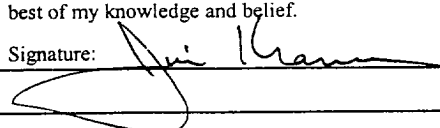
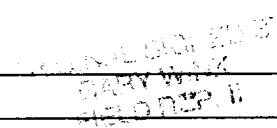
<sup>21</sup> Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	8-5/8	24#	1350'	450 sx	Circ to surface
7-7/8"	4-1/2"	11.6#	7600'	700 sx	3000'

22 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 12-1/4" hole to top of anhydrite at +/- 1350'. Run and cement to surface 8-5/8" casing. Nipple up 11" 3M BOP assembly and test to 3000 psi. Drill 7-7/8" hole to 7600'. Evaluate to run production casing.

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: Jim Kramer		Approved by:	
Title: Sr. Drilling Engineer		Title:	
Date: 9/7/00		Approval Date: SEP 13 2000	Expiration Date:
Phone: (214)-987-7128		Conditions of Approval: Attached <input type="checkbox"/>	

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