

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
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 Road #150 Dallas, TX 75231		<sup>2</sup> OGRID Number 14245
<sup>3</sup> Property Code 29242		<sup>3</sup> API Number 30-025-35827
<sup>5</sup> Property Name Laughlin "5"		<sup>6</sup> Well No. 1

**7 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	5	20S	37E		900	South	330	East	Lea

**8 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

Monument; Drinkard

<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 Rotary	<sup>14</sup> Lease Type Code P	<sup>15</sup> Ground Level Elevation 3556'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 6900'	<sup>18</sup> Formation Drinkard	<sup>19</sup> Contractor Patterson	<sup>20</sup> Spud Date 2/5/02

**21 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	Surface
7-7/8"	4-1/2"	11.6#	6900'	750	2000'

<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.

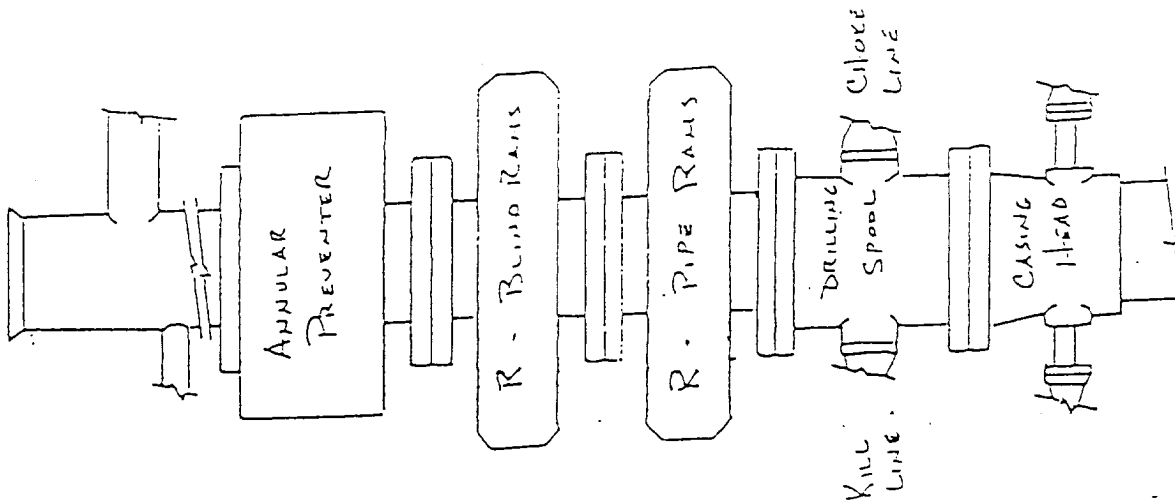
Drill 12-1/4" hole to top of Anhydrite @ 1350'. Run and cement to surface 8-5/8" casing. Nipple up 11" 3M BOP assembly and test to 3000 psi. Drill 7-7/8" hole to 6900'. Evaluate to run production casing.

Permit to Drill Application  
Approved by: [Signature]  
Date: 2/5/02

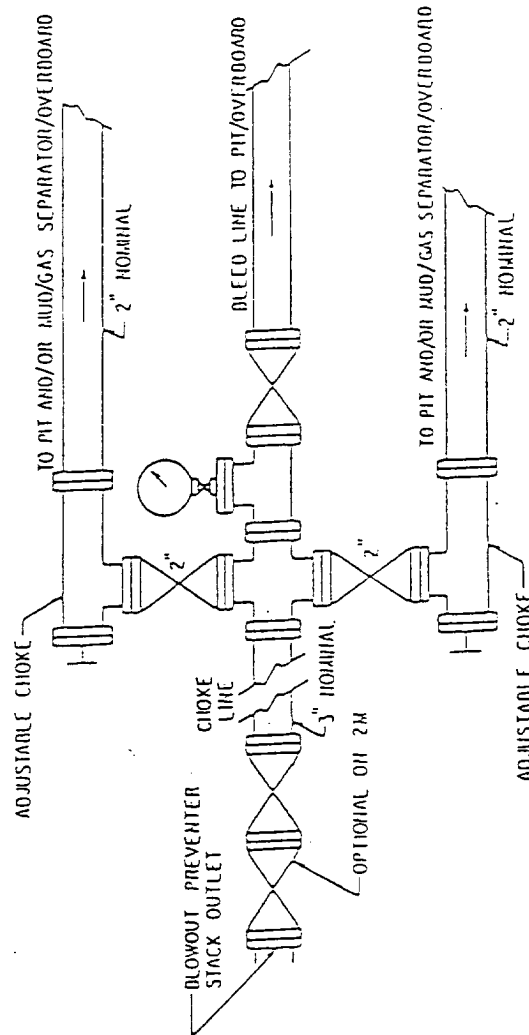
<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: [Signature] Printed name: Jim Kramer Title: Sr. Drilling Engineer Date: 1/28/02		<b>OIL CONSERVATION DIVISION</b> Approved by: [Signature] Title: [Signature] Approval Date: FEB 01 2002 Expiration Date: [Signature] Conditions of Approval: Attached <input type="checkbox"/>	
Phone: 214 987-7128			

SEP





**MATADOR OPERATING COMPANY**  
**LAUGHLIN "5" #1**  
**SEC 5, T20S, R37E**  
**LEA COUNTY, NEW MEXICO**



ABOVE DATE DOES NOT  
INDICATE WHEN  
CONFIDENTIAL LOGS  
WILL BE RELEASED

ELF 8/23/02