

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 EOG Resources, Inc. PO Box 2267 Midland, Tx 79702		<sup>2</sup> OGRID Number 7377
<sup>3</sup> Property Code 31002		<sup>4</sup> Property Name Purple Humpy "15"
		<sup>5</sup> API Number 30-025-36089
		<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
D	15	16	36		783	North	964	West	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
C	15	16	36		396	North	1964	West	Lea

<sup>9</sup> Proposed Pool 1

Diamond Strawn

<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 Fee	<sup>15</sup> Ground Level Elevation 3697
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 11925	<sup>18</sup> Formation Strawn	<sup>19</sup> Contractor McVay	<sup>20</sup> Spud Date 3/01/2003

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

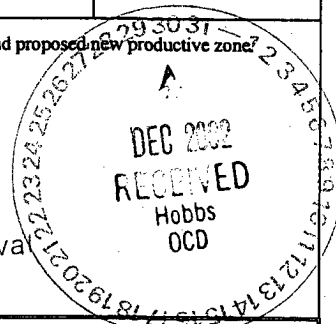
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
14 3/4	11 3/4	42	450	235	Surface
11	8 5/8	32	4000	1100	Surface
7 7/8	5 1/2	17	11750	1100	4400

<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 and Complete Strawn Test Well  
BOP Schematic Attached

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.		<b>OIL CONSERVATION DIVISION</b>	
Signature: <i>Mike Francis</i>		Approved by: ORIGINAL SIGNED BY:	
Printed name: Mike Francis		Title: PAUL F. KAUTZ	
Title: Agent		Approval Date: PETROLEUM ENGINEER	
Date: 12/20/2002	Phone: 915 686-3714	Conditions of Approval: DEC 5 2002	
		Attached <input type="checkbox"/>	

*mp*

DISTRICT I  
1625 N. French Dr., Hobbs, NM 88240

DISTRICT II  
1301 W. Grand Avenue, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico

Geology, Minerals, and Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, New Mexico 87505

Form C-102

Revised August 15, 2000

Submit to Appropriate District Office

State Lease - 4 copies

Fee Lease - 3 copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-36089	<sup>2</sup> Pool Code 96248	<sup>3</sup> Pool Name Diamond, Strawn
<sup>4</sup> Property Code 31002	<sup>5</sup> Property Name PURPLE HUMPY "15"	<sup>6</sup> Well Number 1
<sup>7</sup> OGRID No. 7377	<sup>8</sup> Operator Name EOG RESOURCES	<sup>9</sup> Elevation 3897'

<sup>10</sup> Surface Location

UL or lot no. D	Section 15	Township 16 SOUTH	Range 36 EAST, N.M.P.M.	Lot Idn	Feet from the 783'	North/South line NORTH	Feet from the 964'	East/West line WEST	County LEA
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<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no. C	Section 15	Township 16 south	Range 36 east	Lot Idn	Feet from the 396	North/South line north	Feet from the 1694	East/West line West	County Lea
<sup>12</sup> Dedicated Acres 40	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.						

NO ALLOWABLE WELL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p><sup>16</sup></p> <p><b>BOTTOM HOLE</b> X = 803517 Y = 702843 N = 32.92828 W = 103.38775</p> <p><b>NAD 27 NM E ZONE</b> X = 802522 Y = 702446 N = 32.92721 W = 103.34741</p> <p>DEC 2002 RECEIVED Hobbs OGD</p>	<p><b><sup>17</sup> OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Mike Francis</i> Signature Mike Francis Printed Name Agent Title 12/10/2002 Date</p> <p><b><sup>18</sup> SURVEYOR CERTIFICATION</b></p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>NOVEMBER 22, 2002 Date of Survey Signature and Seal of Professional Surveyor  V. L. BEZNER R.P.S. #7920 Certification Number JOB #84803-A / 96NE / D.C.G.</p>
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EOG Resources, Inc.

Purple Humpy "15" NO.1

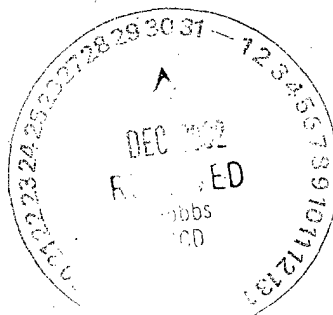
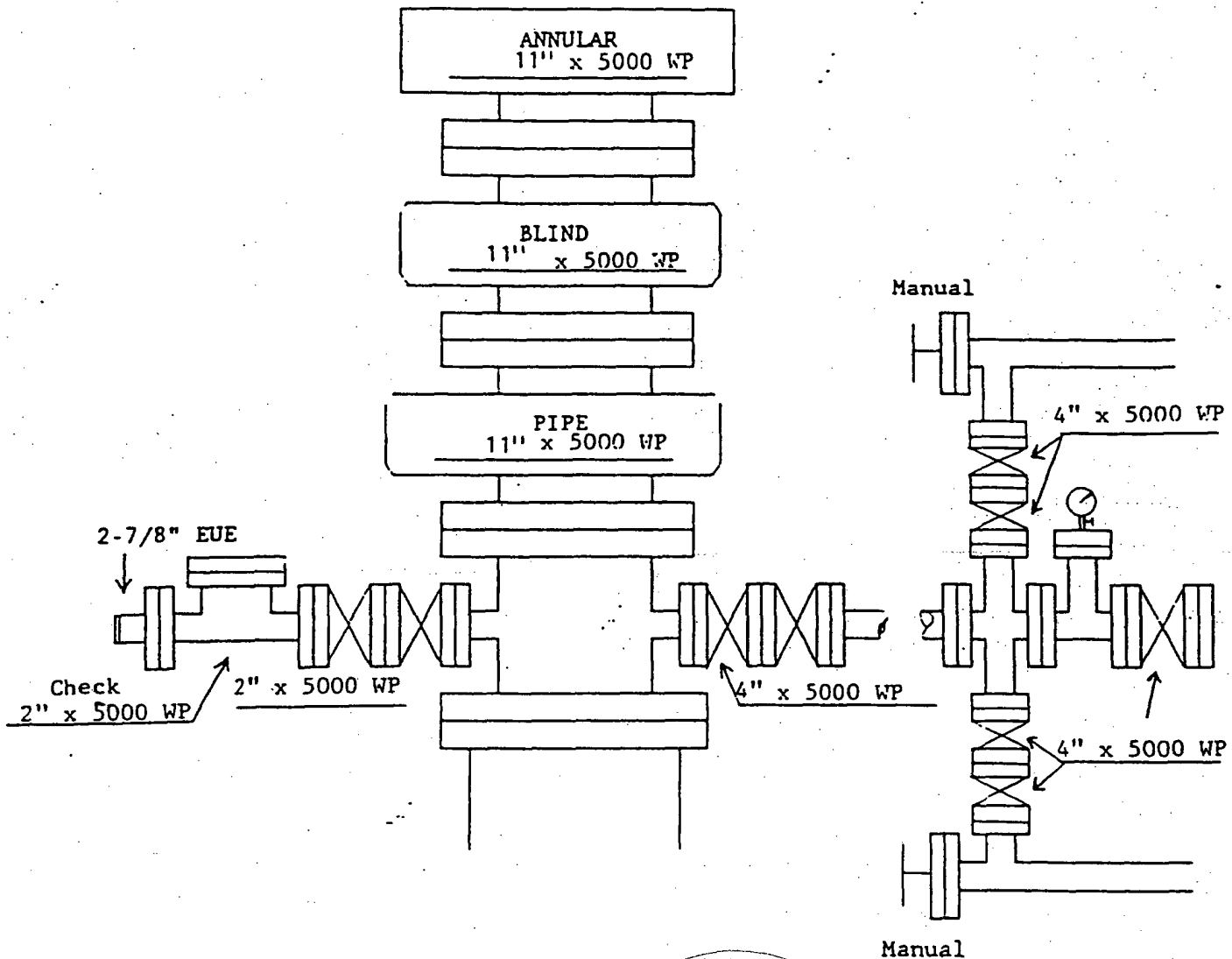


Exhibit 1