

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> API Number 30-025-28233
<sup>4</sup> Property Code 32057	<sup>5</sup> Property Name Daves Hopper 31	<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
B	31	15	35		991	North	2312	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
C	31	15	35		788	North	2385	East	Lea
<sup>9</sup> Proposed Pool 1 <del>Eidson Morrow North</del> Wildcat 51535294 Morrow					<sup>10</sup> Proposed Pool 2				

<sup>11</sup> Work Type Code N E	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code Fee	<sup>15</sup> Ground Level Elevation 4018
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 13,100	<sup>18</sup> Formation Morrow	<sup>19</sup> Contractor McVay	<sup>20</sup> Spud Date 4/01/2003

<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	410	400	Surface
12 1/4"	8 5/8"	32	4600	1400	Surface
7 7/8"	5 1/2"	17	13100	1500	4600

<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. Re-Enter plugged well and test intermediate casing. Well will be directionally drilled per attached plan. BOP schematic attached

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway  
Re-entry

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: <i>Mike Francis</i>		ORIGINAL SIGNED BY	
Printed name: Mike Francis		Approved by: PAUL F. KAUTZ	
Title: Agent		Title: PETROLEUM ENGINEER	
Date: 3/06/2003		Approval Date: MAR 17 2003 Expiration Date:	
Phone: 915 686-3714		Conditions of Approval:	
		Attached <input type="checkbox"/>	

*mkf*

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

Energy, 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 30-025-28233	<sup>2</sup> Pool Code ✓	<sup>3</sup> Pool Name Wildcat 51535295 Edison Morrow North
<sup>4</sup> Property Code 32057	<sup>5</sup> Property Name Daves Hopper 31	<sup>6</sup> Well Number 1
<sup>7</sup> OGRID No. 7377	<sup>8</sup> Operator Name EOG RESOURCES, INC.	<sup>9</sup> Elevation 4018'

<sup>10</sup> Surface Location

UL or lot no. B	Section 31	Township 15 SOUTH	Range 35 EAST, N.M.P.M.	Lot Idn	Feet from the 991'	North/South line NORTH	Feet from the 2312'	East/West line EAST	County LEA
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<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no. C	Section 31	Township 15 SOUTH	Range 35 EAST, N.M.P.M.	Lot Idn	Feet from the 788'	North/South line NORTH	Feet from the 2385'	East/West line WEST	County LEA
<sup>12</sup> Dedicated Acres 320	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No. NSL-4848						

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

<div><p><sup>16</sup></p><p>BOTTOM HOLE X = 771682 Y = 720891 N = 32.97866 W = 103.44740</p><p>NAD 27 NM E ZONE X = 772305 Y = 720696 N = 32.97811 W = 103.44537</p><p>BOTTOM HOLE INFORMATION PROVIDED BY EOG RESOURCES, INC.</p></div>	<div><p><sup>17</sup> OPERATOR CERTIFICATION</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 3/06/2003 Date</p><p><sup>18</sup> SURVEYOR CERTIFICATION</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>JANUARY 14, 2002 Date of Survey Signature and Seal of Professional Surveyor</p><p>Certificate Number V. L. BEZNER R.P.S. #7920 JOB #85492-2 / 96NW / D.C.G.</p></div>
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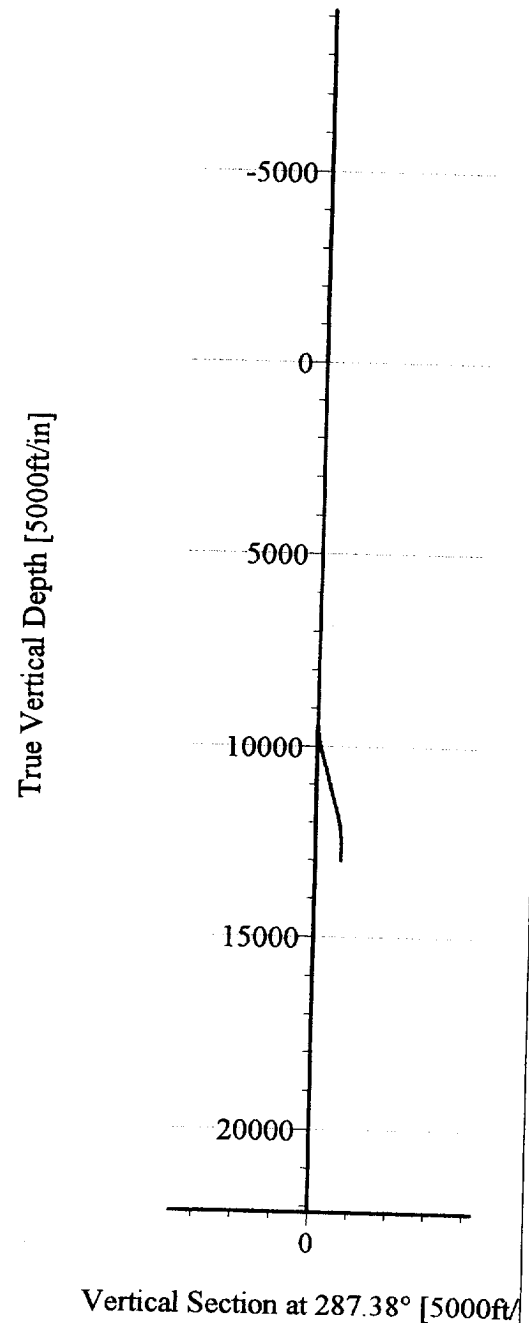
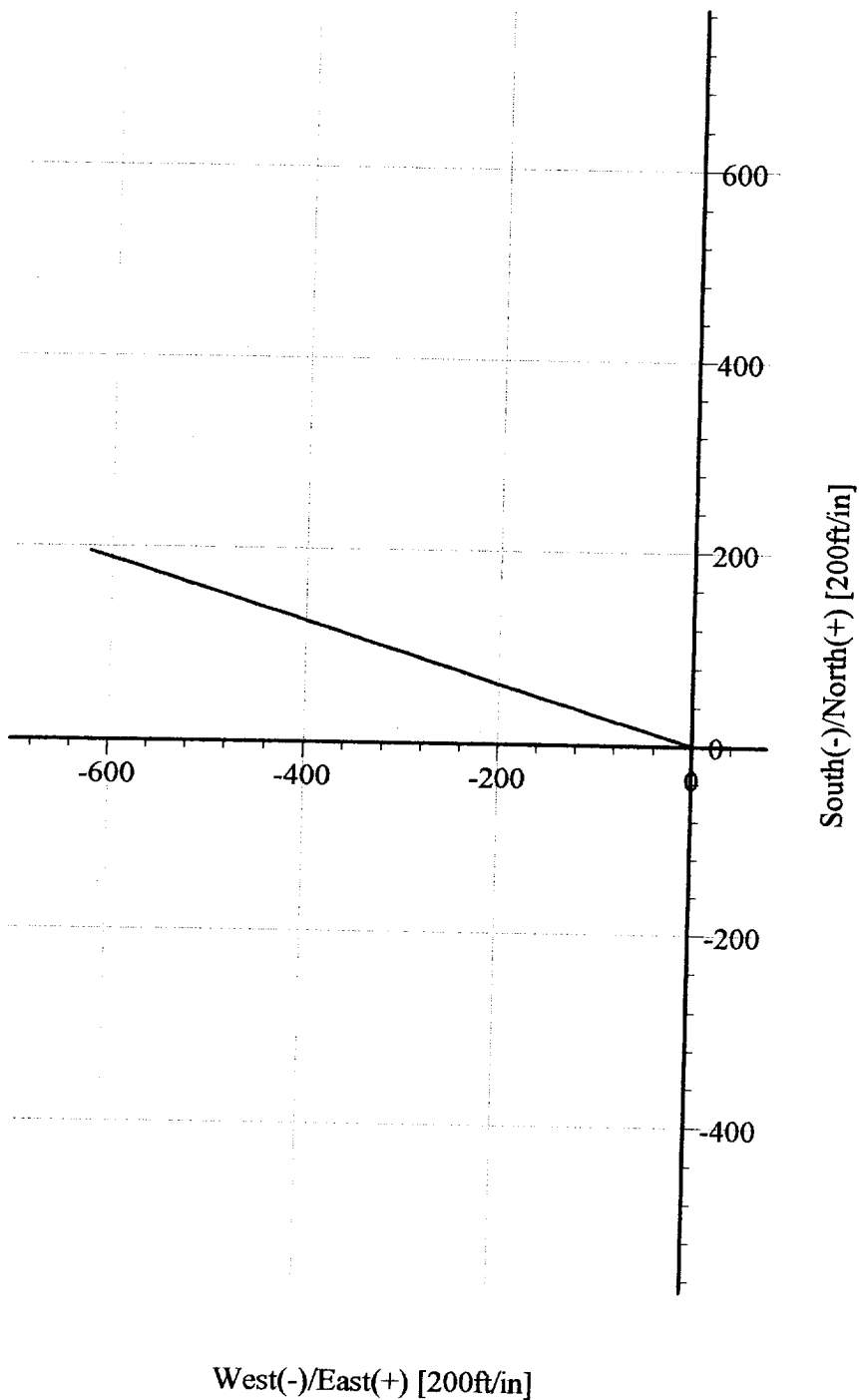


Field: Atoka/Morrow  
Site: Vawter - Dave's Hopper "31" No. 1  
Well: Vawter - Dave's Hopper "31" No. 1  
Wellpath: Original Openhole  
Plan: Plan #1



Azimuths to Grid North  
True North:  $-0.48^\circ$   
Magnetic North:  $8.21^\circ$

Magnetic Field  
Strength: 50071nT  
Dip Angle:  $61.18^\circ$   
Date: 2/19/2003  
Model: igrf2000



EOG Resources, Inc.

Daves Hopper 31 No.1

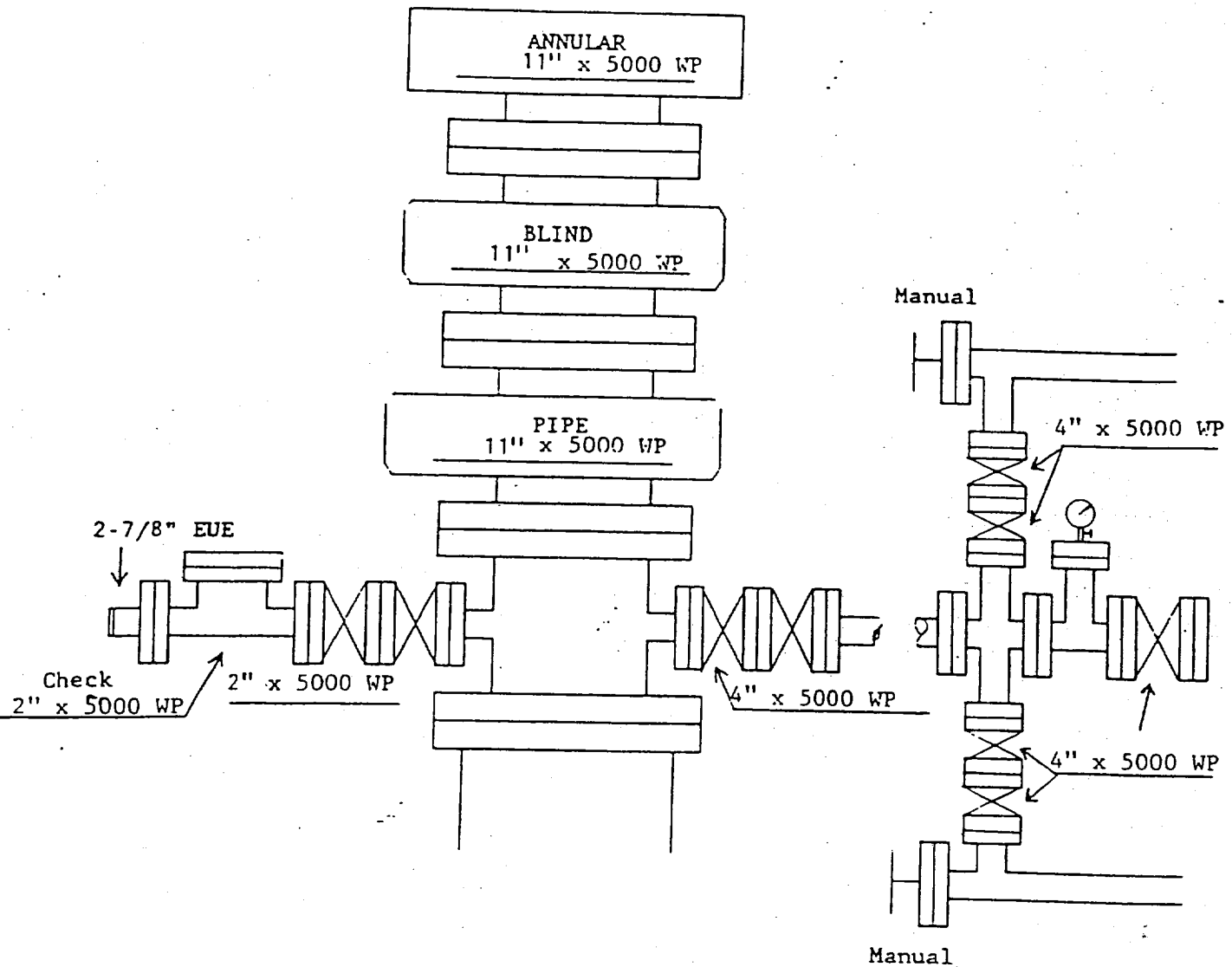


Exhibit 1