

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 87001

District IV

1220 S. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural ResourcesOil Conservation Division  
1220 S. St. Francis Dr.  
Santa Fe, NM 87505Form C-101  
Revised March 17, 1999Submit 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 P.O. Box 2267 Midland, TX 79702		<sup>2</sup> OGRID Number 7377
<sup>3</sup> API Number 30 - 015 - 32353		<sup>6</sup> Well No. 1
<sup>4</sup> Property Code 29892	<sup>5</sup> Property Name Gordon "23" State Com	

<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
N	23	19S	27E		997	South	1445	West	Eddy

<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 <del>Angell Ranch (Morrow)</del>					<sup>10</sup> Proposed Pool 2				

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 3480
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 11,300	<sup>18</sup> Formation Morrow	<sup>19</sup> Contractor McVay	<sup>20</sup> Spud Date 8/1/02

<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	290	Surface
11	8 - 5/8	32	2800	800	Surface
7 - 7/8	5 - 1/2	17	11250	800	4000

<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.

11 - 3/4" - Cement to Surface with 290 sx Class C +2% CaCl<sub>2</sub> + 1/4# sx Flocele.  
8 - 5/8" - Cement to Surface with 675 sx Interfill C + 1/4# sx Flocele and 150 sx Premium Plus + 2% CaCl<sub>2</sub>  
5 - 1/2" - Cement with 500 sx Premium + 3% Econolite + 5# sx salt + .25# Flocele +300 sx 50/50 Poz +  
.25#/sx D-Air-1 Powder + .6% Halad-447 +.5%/sx KCL.  
Cement Slurry is designed to bring TOC to 4,000'+/-

BOP Diagram Attached

Request Permission to WOC ~~less than~~ 18 hrs ~~as previously approved~~ surface, 12 hrs intermediate; Follow option 2

<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>		Approved by: <b>ORIGINAL SIGNED BY TIM W. GUM</b> <b>DISTRICT IV SUPERVISOR</b>	
Printed name: Mike Francis		Title:	
Title: Agent		Approval Date: JUL 01 2002	Expiration Date: JUL 01 2003
Date: 06/28/02	Phone: 915-686-3714	Conditions of Approval: Attached <input type="checkbox"/>	

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 87240  
District II  
811 South First, Artesia, NM 87210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-10  
Revised March 25, 199

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

WELL API NO. <b>30-015-32353</b>
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		7. Lease Name or Unit Agreement Name:  <b>Gordon 23 State Com</b>
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	8. Well No. <b>1</b>	
2. Name of Operator <b>EOG Resources Inc.</b>	9. Pool name or Wildcat <b>Angell Ranch; Atoka-Morrow (Gas)</b>	
3. Address of Operator <b>P.O. Box 2267 Midland, Texas 79702</b>		
4. Well Location Unit Letter <b>N</b> : <b>997</b> feet from the <b>South</b> line and <b>1445</b> feet from the <b>West</b> line Section <b>23</b> Township <b>19S</b> Range <b>27E</b> NMPM County <b>Eddy</b>		
10. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>3480</b>		

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data			
<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

9/10/02 TD @ 11115

9/17/02 Ran 364 lbs 6.5#, L80, 2 7/8" tubing set @ 11078. Cemented w/ 500 sx 50/50 POZ.  
TOC @ 9690.

9/20/02 Perforate Middle Morrow, 4SPF @ 60 degree phasing, 10436-10442. 28 holes.

9/22/02 Acidized w/ 1250 gal 7 1/2% HCL Acid energized w/ 1500 SCF per bbl Nitrogen.

9/21/02 Turned to sales @ 1:00 PM.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Stan Wagner TITLE Reg Analyst DATE 9/27/02

Type or print name Stan Wagner

Telephone No. 915 686 3689

(This space for State use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
Conditions of approval, if any: