



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON**

Governor

**Joanna Prukop**

Cabinet Secretary

**Mark E. Fesmire, P.E.**

Director

Oil Conservation Division

NOTE TO FILE: p MESO-531334263

**FROM:** Michael E. Stogner, Engineer *M. S.*

**DATE:** November 3, 2005

**SUBJECT:** EOG Resources, Inc.'s ("EOG") proposed Nile "22" State Com. Well No. 2 and Jordan "22" Fee Com. Well No. 1 to be drilled as horizontal infill wells within existing 320-acre project areas in Section 22, Township 17 South, Range 24 East, NMPM, Collins Ranch-Wolfcamp Gas Pool (75010), Eddy County, New Mexico.

Mr. William F. Carr, Legal Counsel for EOG, and I met this afternoon in the Division's record room at about 3:30 p.m. to discuss Division Rules 104.C (2) and 111 and how they apply to EOG's existing and proposed Wolfcamp development within Section 22. The similarities of EOG's intentions in Section 22 with their previous application and the provisions of Division Administrative Order SD-05-02 dated August 24, 2005, were also discussed.

From this discussion, I informed Mr. Carr that I could work with the information that he had provided me at our meeting and the Division's records to approval EOG's requests.

DISTRICT I

1625 N. French Dr., Hobbs, NM 88240

State of New Mexico

Form C-102

DISTRICT II

1301 W. Grand Avenue, Artesia, NM 88210

Energy, Minerals, and Natural Resources Department

Revised August 15, 2000

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

1220 South St. Francis Dr.

Submit to Appropriate District Office

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DISTRICT IV

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

Santa Fe, New Mexico 87505

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
		Wildcat (Wolfcamp)
Property Code	Property Name	Well Number
	JORDAN "22" FEE COM	1H
GRID No. 7377	Operator Name	Elevation
	EOG RESOURCES, INC.	3729'

## 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	22	17 SOUTH	24 EAST, N.M.P.M.		660'	SOUTH	760'	EAST	EDDY

## 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
A	22	17 SOUTH	24 EAST, N.M.P.M.		660'	NORTH	760'	EAST	EDDY
Dedicated Acres 320		Joint or Infill		Consolidation Code		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>Project Area →</p> <p>Producing Area →</p> <p>BHL X = 427316 Y = 864442 LAT: N 32.82638 LONG: W 104.56995</p> <p>NAD 27 NME ZONE X = 427318 Y = 860478 LAT: N 32.81551 LONG: W 104.56991</p> <p>660'</p> <p>760'</p> <p>AZ = 359.97°</p> <p>3965.9'</p>	<p><b>17 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</p> <p>Mike Francis Printed Name</p> <p>Agent Title</p> <p>4/4/2005 Date</p> <p><b>18 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>DATE: 4/4/2005</p> <p>Date of Survey</p> <p>Signature of Professional Surveyor</p> <p>V. LYNN BEZNER NO. 7920</p> <p>Certificate Number V. L. BEZNER R.P.S. #7920</p> <p>JOB # 101797 / 101 SE / E.U.O.</p>
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District II  
1301 W. Grand Ave., Artesia, NM 88210  
Phone:(505) 748-1283 Fax:(505) 748-9720

State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

Form C-101  
Permit 17285

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

1. Operator Name and Address EOG RESOURCES INC PO Box 2267 Midland, TX 79702		2. OGRID Number 7377
		3. API Number
4. Property Code 34749	5. Property Name JORDAN 22 FEE COM	6. Well No. 002H

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
O	22	17S	24E	O	660	S	1880	E	EDDY

**8. Pool Information**

COLLINS RANCH; WOLFCAMP (GAS)	75010
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**Additional Well Information**

9. Work Type New Well	10. Well Type GAS	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3738
14. Multiple N	15. Proposed Depth 5400	16. Formation Wolfcamp	17. Contractor	18. Spud Date 11/20/2005
Depth to Ground water 100		Distance from nearest fresh water well > 1000		Distance to nearest surface water 300
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 miles thick Clay <input type="checkbox"/> Pit Volume: 7000 bbls Drilling Method: Closed Loop System <input type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

**19. Proposed Casing and Cement Program**

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	9.875	7	26	900	500	0
Prod	6.125	4.5	11.3	8793	750	0

**Casing/Cement Program: Additional Comments**

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**Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	3000	3000	

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed Name: Electronically filed by Mike Francis

Title: ROW Agent

Email Address: mike\_francis@eogresources.com

Date: 10/21/2005

Phone: 4326863714

**OIL CONSERVATION DIVISION**

Approved By:

Title:

Approved Date:

Expiration Date:

Conditions of Approval Attached

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**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Form C-102  
Permit 17285**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number	2. Pool Code 75010	3. Pool Name COLLINS RANCH; WOLFCAMP (GAS)
4. Property Code 34749	5. Property Name JORDAN 22 FEE COM	6. Well No. 002H
7. OGRID No. 7377	8. Operator Name BOG RESOURCES INC	9. Elevation 3738

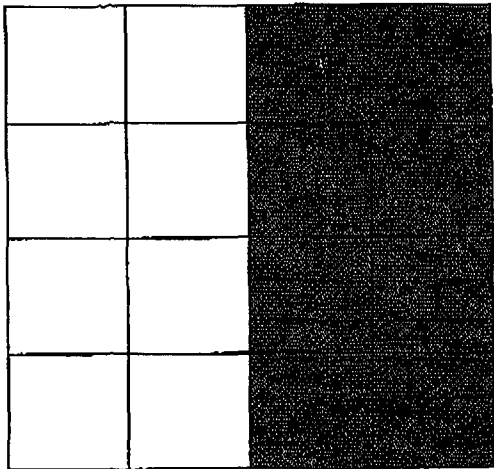
**10. Surface Location**

UL - Lot O	Section 22	Township 17S	Range 24E	Lot Idn O	Feet From 660	N/S Line S	Feet From 1880	E/W Line E	County EDDY
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**11. Bottom Hole Location If Different From Surface**

UL - Lot B	Section 22	Township 17S	Range 24E	Lot Idn	Feet From 660	N/S Line N	Feet From 1880	E/W Line E	County EDDY
12. Dedicated Acres 320.00	13. Joint or Infill	14. Consolidation Code	15. Order No.						

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

	<b>OPERATOR CERTIFICATION</b> <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i> E-Signed By: Mike Francis Title: ROW Agent Date: 10/21/2005
	<b>SURVEYOR CERTIFICATION</b> <i>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.</i> Surveyed By: V.L. Bezner Date of Survey: 9/30/2005 Certificate Number: 7920

## Permit Conditions of Approval

Operator: EOG RESOURCES INC , 7377

Well: JORDAN 22 FEE COM #002H

API:

OCD Reviewer	Condition
BArrant	Will require a directional survey with the C-104
BArrant	Will require administrative order for non-standard spacing unit
BArrant	Pit construction and closure must satisfy all requirements of your approved plan, O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines

## Permit Comments

Operator: EOG RESOURCES INC , 7377

Well: JORDAN 22 FEE COM #002H

API:

Created By	Comment	Comment Date
MFRANCIS	Plat, Casing, Cement, Mud Program and Drilling Plan along with H2S letter will be mailed.	10/19/2005
BArrant	IN SAME PROATION UNIT, ANOTHER WELL IS PROJECTED TO PRODUCE FROM SAME FORMATION. AN ADMINISTRATIVE ORDER IS REQUIRED FOR APPROVAL (IN PART) OF APD.	10/25/2005

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☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number		<sup>2</sup> Pool Code		<sup>3</sup> Pool Name	
<sup>4</sup> Property Code		<sup>5</sup> Property Name JORDAN "22" FEE COM			<sup>6</sup> Well Number 2H
<sup>7</sup> OGRID No.		<sup>8</sup> Operator Name EOG RESOURCES, INC.			<sup>9</sup> Elevation 3738'

<sup>10</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
0	22	17 SOUTH	24 EAST, N.M.P.M.		660'	SOUTH	1880'	EAST	EDDY

<sup>11</sup>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
B	22	17 SOUTH	24 EAST, N.M.P.M.		660'	NORTH	1880'	EAST	EDDY
<sup>12</sup> Dedicated Acres		<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> Order No.			

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	<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>Signature _____</p> <p>Printed Name _____</p> <p>Title _____</p> <p>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><b>SEPTEMBER 30, 2005</b></p> <p>Date of Survey _____</p> <p>Signature and Seal of Professional Surveyor _____</p> <p>Certificate Number <b>V. L. BEZNER R.P.S. #7920</b></p> <p><b>JOB # 106715 / 101 SE / E.U.O.</b></p>
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Ext: w/2 Sec. 22, w/2 Sec. 27 (R-12357, 5-25-05)



CMD :  
OG5SECT

ONGARD  
INQUIRE LAND BY SECTION

11/04/05 13:11:49  
OGOMES -TQNK  
PAGE NO: 1

Sec : 22 Twp : 17S Rng : 24E Section Type : NORMAL

D 40.00  Federal owned C	C 40.00  Federal owned C	B 40.00  Federal owned C	A 40.00  Federal owned C
E 40.00  Federal owned C	F 40.00  Federal owned C	G 40.00  Federal owned C	H 40.00  Federal owned C
L 40.00 CS V07123 0000 CAPSTONE OIL & GA C 08/01/09	K 40.00 CS V07123 0000 CAPSTONE OIL & GA C 08/01/09	J 40.00 CS V07123 0000 CAPSTONE OIL & GA C 08/01/09	I 40.00 CS V07123 0000 CAPSTONE OIL & GA C 08/01/09
M 40.00 CS V07123 0000 CAPSTONE OIL & GA C 08/01/09	N 40.00 CS V07123 0000 CAPSTONE OIL & GA C 08/01/09 A	O 40.00  Fee owned C	P 40.00  Fee owned C A