

**State of New Mexico
Energy, Minerals & Natural Resources**

Form C-101
Revised March 17, 1999

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. 1st Street, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

**Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505**

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

¹ Operator Name and Address EOG Resources Inc. P.O. Box 2267 Midland, Texas 79702		² OGRID Number 7377
⁴ Property Code 32224		³ API Number 30-025-36264
⁵ Property Name Giant Stone Fly 1		⁶ Well No. 1

⁷ Surface Location									
UL or lot no. E	Section 1	Township 16S	Range 35E	Lot. Idn	Feet from the 2264	North/South Line North	Feet from the 1018	East/West line West	County Lea

⁸ Proposed Bottom Hole Location If Different From Surface									
UL or lot no. E	Section 1	Township 16S	Range 35E	Lot. Idn	Feet from the 2314	North/South Line North	Feet from the 910	East/West line West	County Lea

⁹ Proposed Pool 1 Shoe Bar; Morrow, North (Gas)	¹⁰ Proposed Pool 2
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¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3974
¹⁶ Multiple N	¹⁷ Proposed Depth 12000	¹⁸ Formation Morrow	¹⁹ Contractor McVay	²⁰ Spud Date 10/10/03

²¹ 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	475	300	Surface
11	8 5/8	32	4750	1200	Surface
7 7/8	5 1/2	17	12900	1100	4550

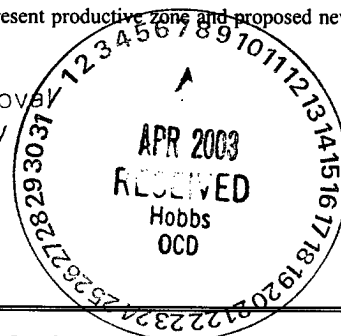
²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

BOP Schematic Attached

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

Drill and complete 12,000' Morrow well

NSI application being filed w/ Santa Fe



²³ 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>Stan Wagner</i>		Approved by: <i>Paul F. Kautz</i>	
Printed name: Stan Wagner		Title: PAUL F. KAUTZ PETROLEUM ENGINEER	
Title: Regulatory Analyst		Approval Date: APR 28 2003	Expiration Date:
Date: 4/4/03	Phone: 432 686 3689	Conditions of Approval: Attached <input type="checkbox"/>	

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

¹ API Number 30-025-36264	² Pool Code 96882	³ Pool Name Shoe Bar; Morrow, North (Gas)
⁴ Property Code 32224	⁵ Property Name GIANT STONE FLY "1"	⁶ Well Number 1
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3974'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	1	16 SOUTH	35 EAST, N.M.P.M.		2264'	NORTH	1018'	WEST	LEA

¹¹ Bottom Hole Location If Different From Surface

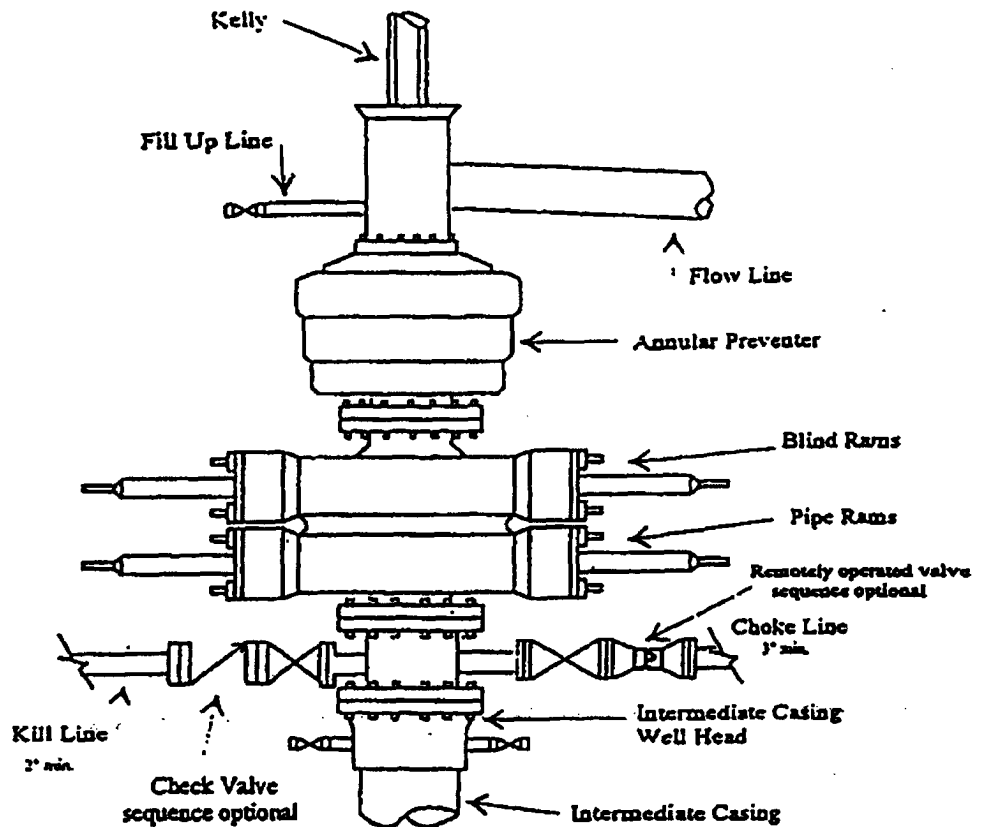
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	1	16 SOUTH	35 EAST, N.M.P.M.		2314'	NORTH	910'	WEST	LEA
¹² Dedicated Acres 320		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.			

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>¹⁷ 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>Stan Wagner</i></p> <p>Signature Stan Wagner</p> <p>Printed Name Regulatory Analyst</p> <p>Title 4/4/03</p> <p>Date</p> <p>¹⁸ 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>MARCH 19, 2003</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p> <p></p> <p>Certificate Number V. L. BEZNER R.P.S. #7920</p> <p>JOB #86610-A / 96 NE / J.C.P.</p>
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Typical 5,000 psi Pressure System Schematic Annular with Double Ram Preventer Stack



Typical 5,000 psi choke manifold assembly with at least these minimum features

