

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 32679		³ APL Number 30-025-36357
⁵ Property Name Brown Stone Fly 1		⁶ Well No. 1

⁷ Surface Location									
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
I	1	16S	35E		3322	North	1053	East	Lea

⁸ 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
I	1	16S	35E		3432	North	945	East	Lea

⁹ Proposed Pool 1 Shoe Bar; Morrow, North (Gas)	¹⁰ Proposed Pool 2
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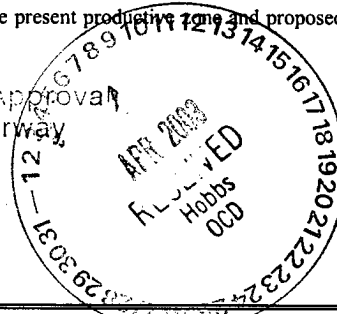
¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3968
¹⁶ Multiple N	¹⁷ Proposed Depth 12800	¹⁸ Formation Morrow	¹⁹ Contractor McVay	²⁰ Spud Date 7/1/03

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	12800	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
Drill and complete 12,800' Morrow well
NSL application being filed w/ Santa Fe

Permit Expires 1 Year From Approval
Date Unless Drilling Underway



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 E. [unclear]</i>	
Printed name: Stan Wagner		Title: PETROLEUM ENGINEER	
Title: Regulatory Analyst		Approval Date: AUG 07 2003	Expiration Date:
Date: 4/4/03	Phone: 432 686 3689	Conditions of Approval:	
		Attached <input type="checkbox"/>	

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

Energy, Minerals, and Natural Resources Department

Revised August 15, 2000

Submit to Appropriate District Office

State Lease - 4 copies

Fee Lease - 3 copies

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

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, New Mexico 87505

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

☐ **AMENDED REPORT**

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-36357	² Pool Code 96882	³ Pool Name Shoe Bar; Morrow, North (Gas)
⁴ Property Code 32.679	⁵ Property Name BROWN STONE FLY "1"	⁶ Well Number 1
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3968'

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
I	1	16 SOUTH	35 EAST, N.M.P.M.		3322'	NORTH	1053'	EAST	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
I	1	16 SOUTH	35 EAST, N.M.P.M.		3432'	NORTH	945'	EAST	LEA

12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code	15 Order No. NSL-4901
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NSL-490

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

3322'

3432'

NAD 27 NM E ZONE
X = 784595
Y = 713240
N = 32°57'26"
W = 103°24'20"

1053'

945'

AZ = 134.98°
153.7'

TERMINUS #1
X = 784704
Y = 713131
N = 32°57'25"
W = 103°24'19"

17 OPERATOR CERTIFICATION

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

Stan Wagner

Regulatory Analyst

4/4/03

18 SURVEYOR CERTIFICATION

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.

MARCH 11, 2003

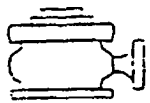
Date of Survey

Signature of Surveyor

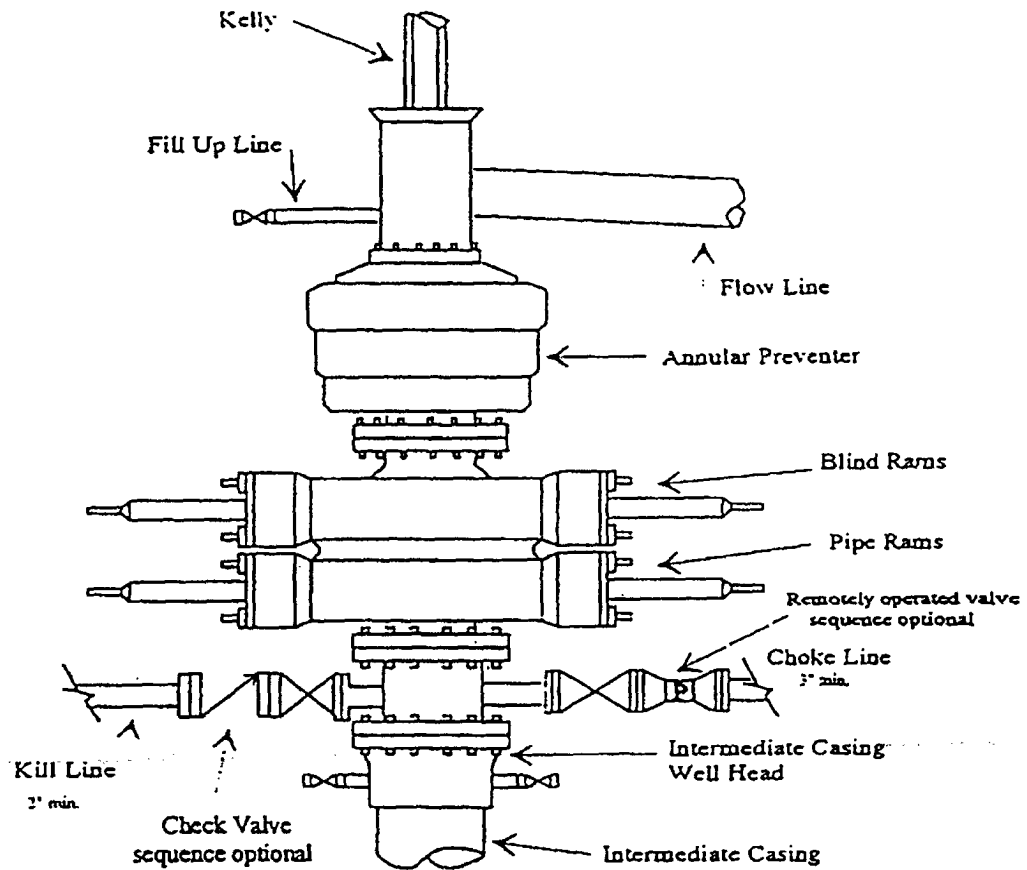
V. L. BEZNER R.P.S. #7920

JOB #86611-A / 96 NE / J.C.P.

BOTTOM HOLE INFORMATION
PROVIDED BY EOG RESOURCES, INC.



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

