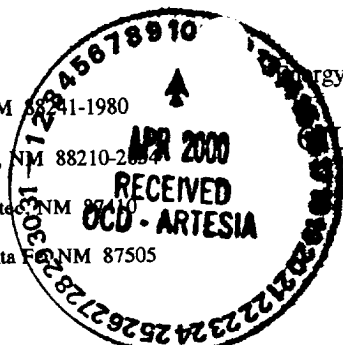


District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 S. 1st Street, Artesia, NM 88210-2004
District III
1000 Rio Brazos Rd., Aztec, NM 87401
District IV
2040 South Pacheco, Santa Fe, NM 87505



State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised October 18, 1994
Instructions on back
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, TX 79702		² OGRID Number 7377
⁴ Property Code 25699		³ API Number 30-015-31073
⁵ Property Name Zephyr "33" State Com		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
P	33	16S	28E		900	South	660	East	Eddy

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

⁹ Proposed Pool 1					¹⁰ Proposed Pool 2				
Crow Flat, Morrow SE									

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3523
¹⁶ Multiple N	¹⁷ Proposed Depth 10,400	¹⁸ Formation Morrow	¹⁹ Contractor McVay	²⁰ Spud Date 4-20-00

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	450	290	Surface
11	8-5/8	32	2050	600	Surface
7-7/8	5-1/2	17	10400	750	2050

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

11-3/4" - Cement to surface with 290 sx Class C + 2% CaCl₂ + 1/4#/sx Flocele
8-5/8" - Cement to surface with 450 sx Interfill C + 1/4#/sx Flocele and 150 sx Premium plus + 2% CaCl₂
5-1/2" - Cement with 450 sx Premium + 3% Econolite + 5#/sx salt + .25#/sx Flocele + 300 sx 50/50 Poz + .2#/sx D-Air-1 Powder + .6% Halad-447 + .5#/sx KCL. Cement slurry is designed to bring TOC to 2,050.
Request WOC - 14 hrs Surface casing
WOC - 12 hrs Intermediate Casing
BOP Diagram Attached

✓ Option 2, Rule 107

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Mike Francis

Printed name: **Mike Francis**

(915)686-3714

Title: **Agent**

4/7/00

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY TIM W. GUM B64
DISTRICT II SUPERVISOR

Title:

Approval Date:

APR 10 2000

Expiration Date:

APR 10 2001

