

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

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
		3. API Number 30-015-35382
4. Property Code 36264	5. Property Name MERAMEC B4 FEE	6. Well No. 001H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
A	4	16S	25E	9	2517	N	660	E	EDDY

8. Pool Information

COTTONWOOD CREEK;WOLFCAMP (GAS)	75250
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Additional Well Information

9. Work Type New Well	10. Well Type GAS	11. Cable/Rotary	12. Lease Type Private	13. Ground Level Elevation 3470
14. Multiple N	15. Proposed Depth 5200	16. Formation Wolfcamp	17. Contractor	18. Spud Date
Depth to Ground water 100		Distance from nearest fresh water well > 1000		Distance to nearest surface water 700
Pit: Liner: Synthetic ☒ 12 _____ miles thick Clay ☐ Pit Volume: 10300 _____ bbls Drilling Method: Closed Loop System ☐ Fresh Water ☐ Brine ☐ Diesel/Oil-based ☒ Gas/Air ☐				

19. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	8.625	32	950	325	0
Prod	7.875	5.5	17	8590	700	0

Casing/Cement Program: Additional Comments

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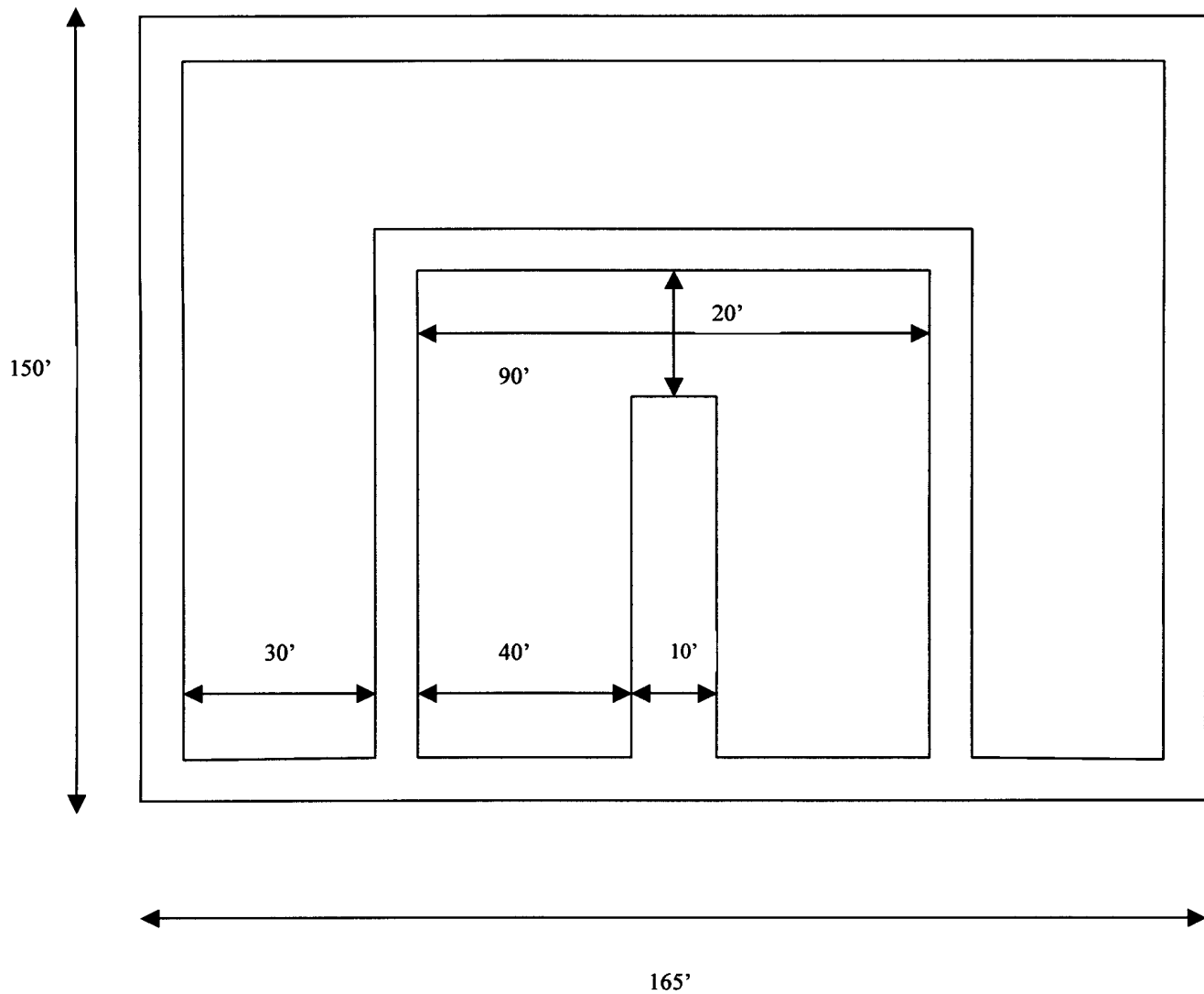
Proposed Blowout Prevention Program

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 OCB-approved plan _____.	OIL CONSERVATION DIVISION	
	Approved By: Bryan Arrant	
	Title: Geologist	
	Approved Date: 1/19/2007	Expiration Date: 1/19/2008
	Conditions of Approval Attached	

Printed Name: Electronically filed by Donny Glanton	
Title: Sr. Lease Operations Rep	
Email Address: donny_glanton@eogresources.com	
Date: 1/18/2007	Phone: 432-686-3642

New Mexico Double Horseshoe Reserve Pit Design



Approximate Inside Reserve Volume: 4500 bbls
Approximate Outside Reserve Volume: 5800 bbls

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(505) 393-6161 Fax:(505) 393-0720

District II
 1301 W. Grand Ave., Artesia, NM 88210
 Phone:(505) 748-1283 Fax:(505) 748-9720

District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
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Santa Fe, NM 87505

Form C-102
 Permit 45227

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-35382	2. Pool Code 75250	3. Pool Name COTTONWOOD CREEK;WOLFCAMP (GAS)
4. Property Code 36264	5. Property Name MERAMEC B4 FEE	6. Well No. 001H
7. OGRID No. 7377	8. Operator Name EOG RESOURCES INC	9. Elevation 3470

10. Surface Location

UL - Lot A	Section 4	Township 16S	Range 25E	Lot Idn 9	Feet From 2517	N/S Line N	Feet From 660	E/W Line E	County EDDY
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11. Bottom Hole Location If Different From Surface

UL - Lot D	Section 4	Township 16S	Range 25E	Lot Idn 5	Feet From 2515	N/S Line N	Feet From 660	E/W Line W	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

	OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> E-Signed By: Donny Glanton Title: Sr. Lease Operations Rep Date: 1/18/2007
	SURVEYOR CERTIFICATION <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: Terry Asel Date of Survey: 12/6/2006 Certificate Number: 15079

Permit Comments

Operator: EOG RESOURCES INC , 7377

Well: MERAMEC B4 FEE #001H

API: 30-015-35382

Created By	Comment	Comment Date
dglanton	Plat, Detailed Casing, Mud, Cement, Drilling Plan and H2S letter will be forwarded via regular mail.	1/18/2007

Permit Conditions of Approval

Operator: EOG RESOURCES INC , 7377

Well: MERAMEC B4 FEE #001H

API: 30-015-35382

OCD Reviewer	Condition
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
BArrant	As noted, operator to drill surfac hole with fresh water mud.
BArrant	Please notify OCD time of spud and time to witness the cementing of all strings of casing.
BArrant	A simultaneous dedication approval will be required if another well is drilled to the same proration unit to produce from the same formation.
BArrant	Operator to submit a H2S well contingency plan whenever a public dwelling lies within 1/2 mile of location.