

**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 PO BOX 2267 MIDLAND , TX 79702		2. OGRID Number 7377
		3. API Number 30-025-37630
4. Property Code 35368	5. Property Name DAGGER 5 STATE COM	6. Well No. 001

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
K	5	22S	33E	K	1980	S	1650	W	LEA

**8. Pool Information**

BOOTLEG RIDGE,MORROW (GAS)	72650
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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 3649
14. Multiple N	15. Proposed Depth 15200	16. Formation Morrow	17. Contractor	18. Spud Date 2/3/2006
Depth to Ground water 100		Distance from nearest fresh water well > 1000		Distance to nearest surface water 800
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 _____ miles thick Clay <input type="checkbox"/> Pit Volume: 10300 _____ 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	17.5	13.375	54.5	1400	440	0
Int1	12.25	9.625	40	5500	920	0
Int2	8.75	7	26	12200	830	0
Prod	6.125	4.5	13.5	15150	200	12000

**Casing/Cement Program: Additional Comments**

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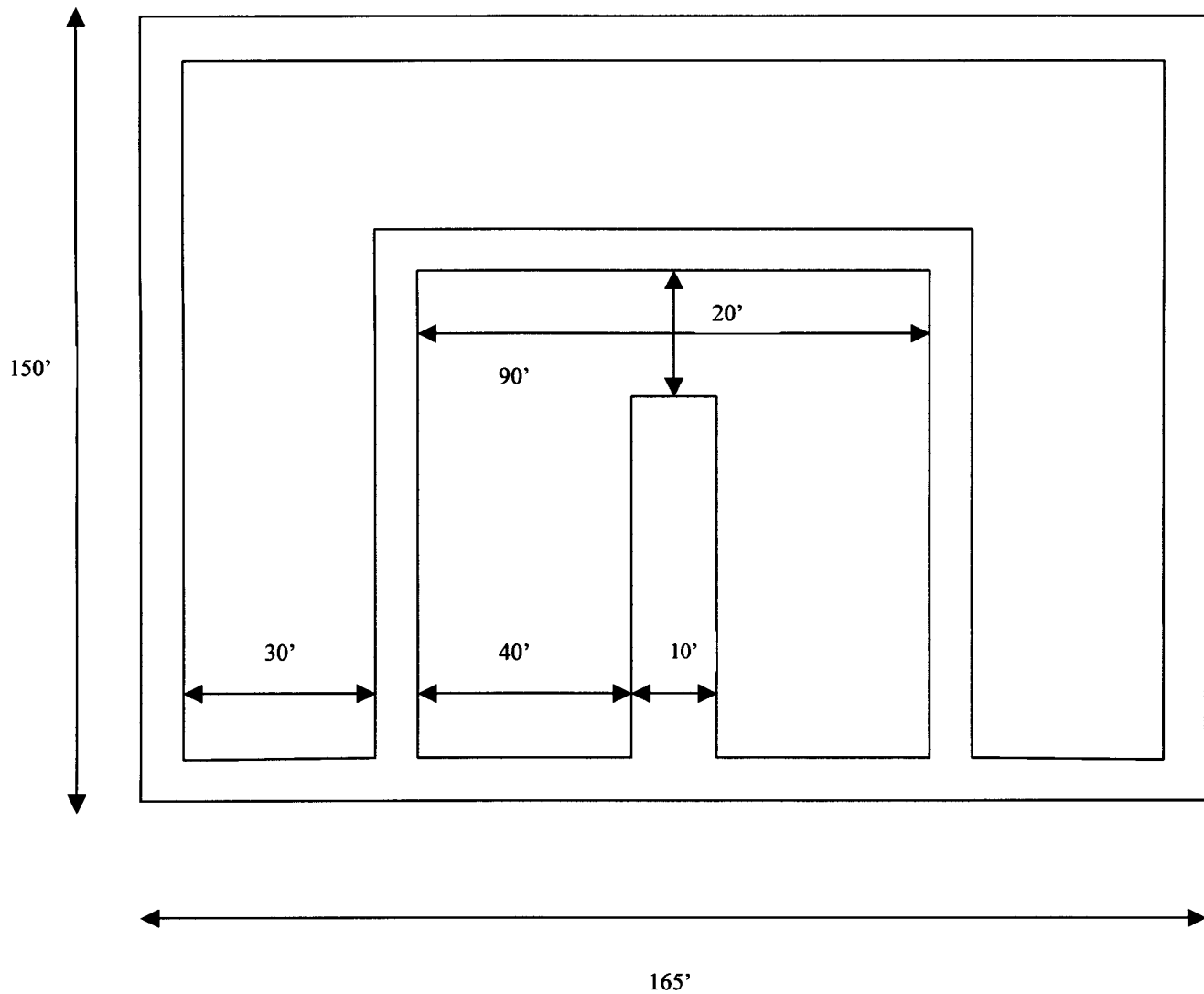
**Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	5000	5000	

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 <input checked="" type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> . Printed Name: Electronically filed by Mike Francis Title: ROW Agent Email Address: mike_franis@eogresources.com Date: 1/11/2006   Phone: 4326863714	OIL CONSERVATION DIVISION	
	Approved By: Chris Williams	
	Title: District Supervisor	
	Approved Date: 1/11/2006	Expiration Date: 1/11/2007



# 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

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Form C-102  
 Permit 21006

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-025-37630	2. Pool Code 72650	3. Pool Name BOOTLEG RIDGE,MORROW (GAS)
4. Property Code 35368	5. Property Name DAGGER 5 STATE COM	6. Well No. 001
7. OGRID No. 7377	8. Operator Name EOG RESOURCES INC	9. Elevation 3649

**10. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
K	5	22S	33E		1980	S	1650	W	LEA

**11. Bottom Hole Location If Different From Surface**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 320.09	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**

	<p align="center"><b>OPERATOR CERTIFICATION</b></p> <p><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></p> <p>E-Signed By: Mike Francis          Title: ROW Agent          Date: 1/11/2006</p>		
	<p align="center"><b>SURVEYOR CERTIFICATION</b></p> <p><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></p> <p>Surveyed By: Terry Asel          Date of Survey: 12/27/2005          Certificate Number: 15079</p>		