### State of New Mexico

Form C-101 Permit 20100

### **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

20.50	perator Name and Address G RESOURCES INC	2. OGRID Number 7377		
PO BOX 2267		3. API Number		
MIDLAND , TX 79702		30-015-34483		
4. Property Code	5. Property Name	6. Well No.		
35318	BRAZOS B 11 FEE	001H		

#### 7. Surface Location

3	UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
	I	11	16S	24E	I	1730	S	660	E	EDDY

#### 8. Pool Information

COTTONWOOD CREEK; WC, WEST (GAS) 75260

#### **Additional Well Information**

9. Work Type New Well	10. We	ll Type AS	11. Cable/Rotary	12. Lease Type Private	13. Ground Level Elevation 3562	
14. Mühtiple N	552 A CS (10.	osed Depth 100	16. Formation Wolfcamp	17. Contractor	18. Spud Date	
Depth to Ground v 100	vater		Distance from nearest fresh water we 900	e11	Distance to nearest surface water 300	
Pit: Liner: Synthetic X Closed Loop System	_	mils thick		orilling Method: Presh Water Brine :	Diesel/Oil-based 🔀 Gas/Air 🗀	

19. Proposed Casing and Cement Program

Туре	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	8.625	32	900	325	0
Prod	7.875	4.5	11.6	8422	900	0

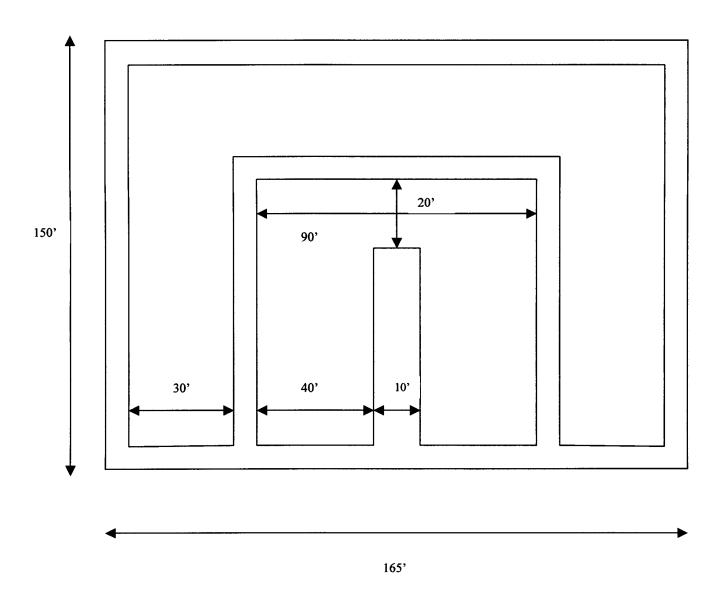
Casing/Cement Program: Additional Comments

Proposed Blowout Prevention Program

	1 Toposea Diowodt 1 Tevention 1 Tograni									
Туре	Working Pressure	Test Pressure	Manufacturer							
DoubleRam	3000	3000	ki							

of my knowledge and belief.	ion given above is true and complete to the best ing pit will be constructed according to	OIL CONSERVATION DIVISION			
	eral permit , or an (attached) alternative	Approved By: Bryan Arrant			
Printed Name: Electronics	lly filed by Mike Francis	Title: Geologist			
Title: ROW Agent		Approved Date: 12/27/2005	Expiration Date: 12/27/2006		
Email Address: mike_fran	cis@eogresources.com				
Date: 12/16/2005	Phone: 4326863714	Conditions of Approval Attac	hed		

# New Mexico Double Horseshoe Reserve Pit Design



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

<u>District I</u>

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

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

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 **Energy, Minerals and Natural Resources** Oil Conservation Division

Form C-102 Permit 20100

1220 S. St Francis Dr. **Santa Fe, NM 87505** 

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number	2. Pool Code		ol Name	
30-015-34483	75260 COTTONWOOD CR		EEK;WC, WEST (GAS)	
4. Property Code	5. Property Name		6. Well No.	
35318	BRAZOS	001H		
7. OGRID No.	8. Operator Name 9. Elevat			
7377	EOG RESOURCES INC 3562			

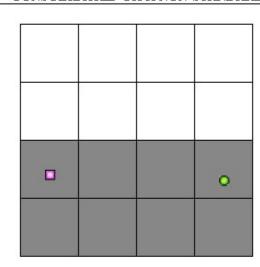
#### 10. Surface Location

	TO DESCRIPTION										
3	UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County	l
	I	11	16S	24E		1730	S	660	E	EDDY	l

#### 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
L	11	16S	24E	L	1880	S	660	W	EDDY
101110000	cated Acres	13. 3	oint or Infill	1	4. 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 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.

E-Signed By: Mike Francis

Title: ROW Agent Date: 12/16/2005

#### 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.

Surveyed By: Lynn Bezner Date of Survey: 11/9/2005 Certificate Number: 7920

## **Permit Comments**

Operator: EOG RESOURCES INC , 7377 Well: BRAZOS B 11 FEE #001H

API: 30-015-34483

Created By	Comment	Comment Date
dglanton	Plat, Detailed Casing, Mud, Cement, Drilling Plan along with H2S Letter being mailed.	12/16/2005

# Permit Conditions of Approval

Operator: EOG RESOURCES INC , 7377 Well: BRAZOS B 11 FEE #001H

API: 30-015-34483

OCD Reviewer	Condition
BArrant	Will require a directional survey with the C-104
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	Please notify OCD time of spud & time to witness the cementing to surface the 'water protection' string of casing.
BArrant	As noted, operator to drill surface hole with 'fresh water' mud.
BArrant	Providing operator drills another well in the same proration unit & intends to drill & produce from the same formation, an approval for an administrative SD from Santa Fe is required.