Pit: Liner: Symthetic 🗶 12

Closed Loop System

mils thick

Clay

State of New Mexico

Form C-101 Permit 69259

Energy, Minerals and Natural Resources

Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

APP	LICATIO	N FOR P	ERMIT T	DRILL,	RE-ENTER	R, DEEPE	N, PLUGBAC	K, OR AD	D A ZONE	
	Operator Name and Address EOG RESOURCES INC							2. OGRID Number 7377		
		ľ	P.O. Box 2 Midland , TX					3. API Number		
			,	17102				30-015-36	129	
4.1	Property Code			¥.	5. Property Nam	e		6.1	Well No.	
	37011			PEM	BINA A 33 S	TATE	3	(001H	
				7. S	urface Loca	ation				
UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County	
Α	33	18S	23E	A	760	И	660	E	EDDY	
				8. P	ool Inform	ation				
FOUR MIL	E DRAW; '	WOLFCAN	IP(G)						974	
				Addition	al Well Inf	ormation	ı			
9. Work Type 10. Well Type New Well GAS		25.5(3)	11. Cable/Rotary		12. Lease Type State	13. Groun	d Level Elevation 3949			
14. Multiple 15. Propo		15. Propos	ed Depth	16. Formation			17. Contractor	18. Spud Date		
N 5100			00	Wolfcamp						
Depth	Depth to Ground water 350			Distance fi	rom nearest fresh > 1000	water well		Distance to nearest surface water > 1000		

19. Proposed Casing and Cement Program

Pit Volume: 10300 bbls Drilling Method:

Fresh Water Brine Diesel/Oil-based X Gas/Air

	Туре	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
	Surf	12.25	8.625	32	1200	745	0
Γ	Prod	7.875	5.5	17	8364	1375	0

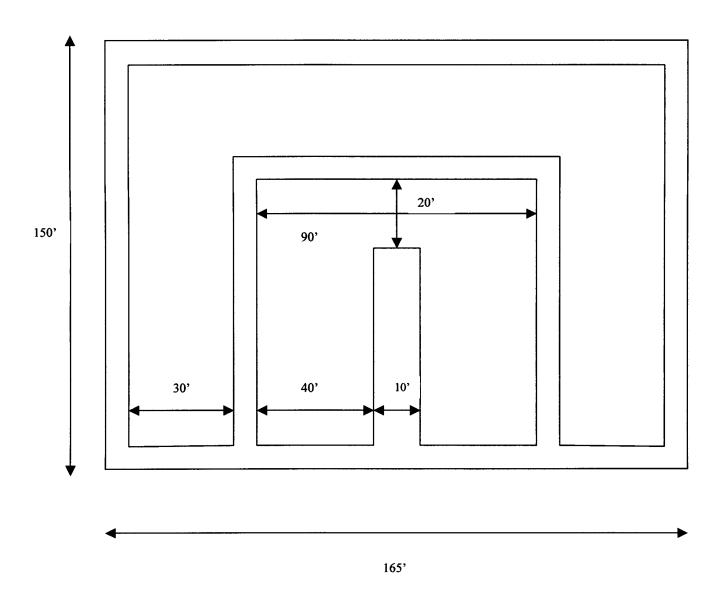
Casing/Cement Program: Additional Comments

Proposed Blowout Prevention Program

	T Toposca Dionoat T T	or citabit i rogram	
Туре	Working Pressure	Test Pressure	Manufacturer
DoubleRem	3000	3000	8

I hereby certify that the information give of my knowledge and belief. I further certify that the drilling pit v	973	OIL CONSERV	ATION DIVISION	
NMOCD guidelines X, a general per OCD-approved plan	mit , or an (attached) alternative	Approved By: Bryan Arrant		
Printed Name: Electronically file	l by Donny Glanton	Title: Geologist	and the same of th	
Title: Sr. Lease Operations Rep		Approved Date: 2/20/2008	Expiration Date: 2/20/2010	
Email Address: donny_glanton@	eogresources.com			
Date: 2/12/2008	Phone: 432-686-3642	Conditions of Approval Attach	ed	

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 Energy, Minerals and Natural Resources

Santa Fe, NM 87505

y, Minerals and Natural Resource
Oil Conservation Division
1220 S. St Francis Dr.

WELL LOCATION AND ACREAGE DEDICATION PLAT

1					-
	1. API Number	2. Pool Code	3. Poo	l Name	
	30-015-36129	97415	W; WOLFCAMP(G)		
	4. Property Code	5. Property	y Name	6. Well No.	- 1
	37011	PEMBINA A	001H		
8	7. OGRID No.	8. Operato	9. Elevation		
	7377	EOG RESOU	3949		

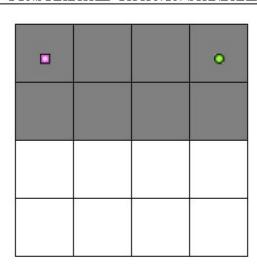
10. Surface Location

						diameter and				
3	UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
	A	33	18S	23E		760	N	660	E	EDDY

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
D	33	18S	23E	D	760	N	660	w	EDDY
	cated Acres	13. J	oint 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

Form C-102

Permit 69259

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: Donny Glanton Title: Sr. Lease Operations Rep

Date: 2/12/2008

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: Terry Asel
Date of Survey: 1/15/2008
Certificate Number: 15079

Permit Comments

Operator: EOG RESOURCES INC , 7377 Well: PEMBINA A 33 STATE #001H

API: 30-015-36129

Created By	Comment	Comment Date
dglanton	Plat, Detailed Casing, Mud, Cement, Drilling Plan and H2S letterwill be forwarded via regular mail.	2/12/2008

Permit Conditions of Approval

Operator: EOG RESOURCES INC , 7377 Well: PEMBINA A 33 STATE #001H

API: 30-015-36129

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	Will require a directional survey with the C-104
BArrant	As noted, operator to drill surface hole w/fresh water mud.
BArrant	Please notify OCD time of spud and time to witness the cementing of all casing strings.