State of New Mexico

Form C-101 Permit 20399

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

\$3.50. 5 .50.50	r Name and Address ESOURCES INC	2. OGRID Number	
PO	BOX 2267	7377 3. API Number 30-015-34488	
MIDLE	.ND , TX 79702		
4. Property Code 5. Property Name		6. Well No.	
35320	COLUMBIA 33 FEE	002H	

7. Surface Location

3	UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
	P	33	16S	24E	P	760	S	660	E	EDDY

8. Pool Information

EAGLE CREEK; WOLFCAMP GAS	96622
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Additional Well Information

	3790		THUMBOUND IT CHI THUOTH	awar.	952
9. Work Type New Well	20,475	Il Type 11. Cable/Rotary		12. Lease Type Private	13. Ground Level Elevation 3716
14. Multiple 15. Proposed Depth N 5200		16. Formation Wolfcamp	17. Contractor	18. Spud Date	
Depth to Ground water I			Distance from nearest fresh water > 1000	well	Distance to nearest surface water > 1000
Liner: Synthetic D	_	mils thick	Clay Pit Volume: 10300 bbls		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	8838	900	0

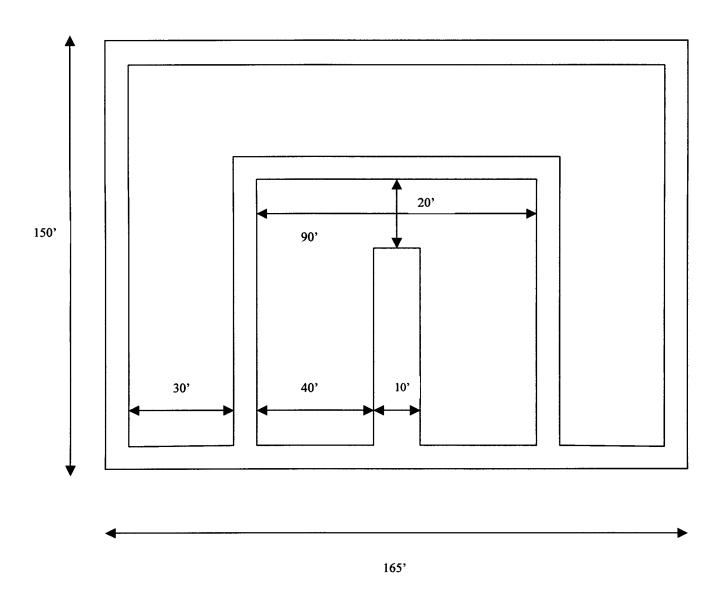
Casing/Cement Program: Additional Comments

Proposed Blowout Prevention Program

2	1 Toposca Bionoac 1 Teschaon 1 Togran										
Туре	Working Pressure	Test Pressure	Manufacturer								
DoubleRem	3000	3000	8	-							

of my knowledge and belief.	tion given above is true and complete to the best ting pit will be constructed according to	OIL CONSERVATION DIVISION			
	neral permit , or an (attached) alternative	Approved By: Bryan Arrant			
Printed Name: Electronic	ally filed by Mike Francis	Title: Geologist			
Title: ROW Agent		Approved Date: 12/27/2005	Expiration Date: 12/27/2006		
Email Address: mike_fran	ncis@eogresources.com				
Date: 12/21/2005	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

District I

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

<u>District II</u>

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

Santa Fe, NM 87505

Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.

WELL LOCATION AND ACREAGE DEDICATION PLAT

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1. API Number	2. Pool Code	ol Name			
30-015-34488	96622	WOLFCAMP GAS			
4. Property Code	5. Property Name		6. Well No.		
35320	COLUMB	002H			
7. OGRID No.	8. Operat	9. Elevation			
7377	EOG RESOU	EOG RESOURCES INC 3716			

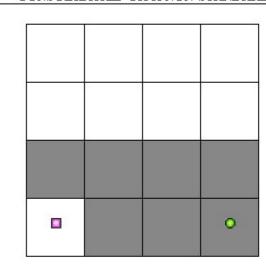
10. Surface Location

										_
UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County]
P	33	16S	24E		760	S	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
M	33	16S	24E	M	760	S	660	w	EDDY
1771.127.53	cated Acres	13. Ј	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 20399

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: 12/21/2005

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: Terry Asel
Date of Survey: 12/17/2005
Certificate Number: 15079

Permit Comments

Operator: EOG RESOURCES INC , 7377 Well: COLUMBIA 33 FEE #002H

API: 30-015-34488

Created By	Comment	Comment Date
dglanton	Plat, Detailed Casing, Mud, Cement, Drilling Pland along with H2S Letter being mailed.	12/21/2005

Permit Conditions of Approval

Operator: EOG RESOURCES INC , 7377 Well: COLUMBIA 33 FEE #002H

API: 30-015-34488

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' sring of casing.
BArrant	As noted, operator to drill surface hole with 'fresh water' mud.
BArrant	Providing operator drills another well in the same proation unit & intends to drill & produce from the same formation, an approval for an adminsitraive SD from Santa Fe is required.