

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 COG OPERATING LLC 550 W TEXAS MIDLAND , TX 79701		2. OGRID Number 229137
		3. API Number 30-025-37717
4. Property Code 34284	5. Property Name RED RAIDER STATE	6. Well No. 008

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
N	19	20S	36E	N	330	S	1980	W	LEA

8. Pool Information

EUMONT;YATES-7 RVRS-QUEEN (OIL)	22800
---------------------------------	-------

Additional Well Information

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3650
14. Multiple N	15. Proposed Depth 4600	16. Formation Seven Rivers	17. Contractor	18. Spud Date 2/28/2006
Depth to Ground water 81		Distance from nearest fresh water well > 1000		Distance to nearest surface water > 1000
Pit: Liner: Synthetic ☒ 12 _____mils thick Clay ☐ Pit Volume: 25000 _____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	24	350	400	0
Prod	7.875	5.5	15.5	4600	300	3500

Casing/Cement Program: Additional Comments

Drill 12-1/4" w/ fr wtr mud system to 350'. Run & set 8-5/8" 24# STC J55 csg @ 350'. Cmt w/400 sx C1C cmt + add. Circ to surf.
Drill 7-7/8" w/ fr/brine water to 4600'. Run & set 5-1/2" 15.5# LTC J55 csg @ 4600'. Cmt w/300 sx C1C + add. Est TOC @ 3500'.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	3000	1350	

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 OCD-approved plan ☐ . Printed Name: Electronically filed by Diane Kuykendall Title: Regulatory Analyst Email Address: dkuykendall@conchoresources.com Date: 2/16/2006 Phone: 432-685-4372	OIL CONSERVATION DIVISION	
	Approved By: Paul Kautz	
	Title: Geologist	
	Approved Date: 2/17/2006	Expiration Date: 2/17/2007
	Conditions of Approval Attached	

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

Form C-102
 Permit 23504

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-37717	2. Pool Code 22800	3. Pool Name EUMONT;YATES-7 RVRS-QUEEN (OIL)
4. Property Code 34284	5. Property Name RED RAIDER STATE	6. Well No. 008
7. OGRID No. 229137	8. Operator Name COG OPERATING LLC	9. Elevation 3650

10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
N	19	20S	36E		330	S	1980	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 40.00		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: Diane Kuykendall Title: Regulatory Analyst Date: 2/16/2006		
	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: Gary Jones Date of Survey: 2/2/2006 Certificate Number: 7977		

Permit Conditions of Approval

Operator: COG OPERATING LLC , 229137

Well: RED RAIDER STATE #008

API: 30-025-37717

OCD Reviewer	Condition
pkautz	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
pkautz	prior to any pit construction notify Gary Wink at 505-393-6161 ext 114

 The sender of this message has requested a read receipt. [Click here to send a receipt.](#)

Mull, Donna, EMNRD

From: Phillips, Dorothy, EMNRD

Sent: Fri 2/17/2006 8:22 AM

To: Mull, Donna, EMNRD

Cc:

Subject: RE: Financial Assurance Requirement

Attachments:

They are okay

From: Mull, Donna, EMNRD

Sent: Friday, February 17, 2006 6:32 AM

To: Phillips, Dorothy, EMNRD

Subject: Financial Assurance Requirement

Operator's has APD's in District I for approval:

Apache Corp (873)

COG Operating LLC (229137)

Marbob Energy Corp (14049)