

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Road, Aztec, NM 87410

District IV

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

State of New Mexico
Energy Minerals and Natural Resources

Form C-101

May 27, 2004

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

Submit to appropriate District Office

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address COG OPERATING LLC 550 W. Texas, Suite 1300 Midland, TX 79701		OGRID Number 229137
Property Code 34284	Property Name Red Raider State	API Number 30-025-37491
Proposed Pool 1 Eumont; Yates 7 Rivers Queen (Oil)		Well No. 2
Proposed Pool 2		

7 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	19	20S	36E		1980	North	1980	East	LEA

8 Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Additional Well Information

Work Type Code P	Well Type Code O	Cable/Rotary R	Lease Type Code S	Ground Level Elevation 3628
Multiple N	Proposed Depth	Formation Bone Spring	Contractor	Spud Date
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> ___mils thick Clay <input type="checkbox"/> Pit Volume: ___ bbls Drilling Method:				
Closed-Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2	13 3/8	48	512	430	Surface
11	9 5/8	32	3800	1550	Surface
7-7/8	5 1/2	17	10202	1230	TOC @ 2100'

22 Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Well is currently completed in the Featherstone; Bone Spring, East formation with perforations from 7828' - 7914'.
COG Operating proposes to recomplete to the Eumont; Yates 7 Rivers Queen (Oil) as follows:

- Dump 30' cmt on plug @ 7936'. Set CIBP @ 7390'. Dump bail 30' cmt.
- Perf Seven Rivers @ 4010' - 4020'. 10', 1 SPF, 10 holes and 4038' - 4058', 20', 1 SPF, 20 holes.
- Acidize w/ 2000 gallons 15% HCL acid
- Frac via 5-1/2" csg.
- Restore well to production producing from this interval

Permit Expires 1 Year From Approval
Date Unless Drilling Underway
Plugback

23 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:

Phyllis A. Edwards, Regulatory Analyst

Title:

E-mail Address:

pedwards@conchoresources.com

Date: 6/21/06

Phone: 432-685-4340

OIL CONSERVATION DIVISION

Approved by:

Title:

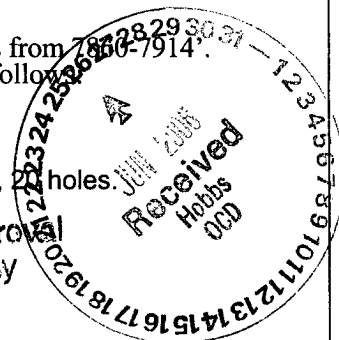
Approval Date:

JUN 27 2006

Expiration Date:

Conditions of Approval Attached ☐

RETROLEUM ENGINEER



State of New Mexico

Energy, Minerals and Natural Resources Department

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DISTRICT II

1301 W. GRAND AVENUE, ARTESIA, NM 88210

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1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

OIL CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102

Revised JUNE 10, 2003

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30.025-37491	Pool Code 22800	Pool Name EUMONT; YATES 7 RIVERS QUEEN (OIL)
Property Code 34284	Property Name RED RAIDER STATE	Well Number 2
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3628'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	19	20-S	36-E		1980	NORTH	1980	EAST	LEA


Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.
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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>LOT 1</p> <p>LOT 2</p> <p>LOT 3</p> <p>LOT 4</p> <p>GEODETIC COORDINATES NAD 27 NME</p> <p>Y=568866.8 N X=790311.3 E</p> <p>LAT.=32°33'37.40" N LONG.=103°23'27.86" W</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Phyllis Edwards</i> Signature</p> <p>PHYLLIS EDWARDS Printed Name</p> <p>REGULATORY ANALYST Title</p> <p>6-21-06 Date</p>	
	<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>SEPTEMBER 16, 2005</p> <p>Date Surveyed 9/16/05 JR</p> <p>Signature & Seal to Professional Surveyor <i>GARY EDISON</i></p> <p>GARY EDISON Professional Surveyor</p> <p>05.11.1428</p> <p>Certificate No. GARY EDISON 12841</p>	

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

Mull, Donna, EMNRD

From: Phillips, Dorothy, EMNRD
To: Mull, Donna, EMNRD
Cc:
Subject: RE: Financial Assurance Requirement
Attachments:

Sent: Tue 6/27/2006 8:07 AM

These do not appear on Jane's list and all have blankets.

From: Mull, Donna, EMNRD
Sent: Tuesday, June 27, 2006 8:03 AM
To: Phillips, Dorothy, EMNRD
Cc: Macquesten, Gail, EMNRD; Sanchez, Daniel J., EMNRD
Subject: Financial Assurance Requirement

Dorothy,

Is the Financial Assurance Requirement for these Operators OK?

Strata Production Co (21712)
ConocoPhillips Co (217817)
Chesapeake Operating Inc (147179)
Platinum Exploration Inc (227103)
COG Operating LLC (229137)
Pogo Producing Co (17891)

I have checked each Operator in the Inactive well list.

Please let me know. Thanks and have a nice day. Donna