

District I
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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

Form C-103
Permit 24750

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

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVIOR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NUMBER 30-025-37491
		5. Indicate Type of Lease S
1. Type of Well: O		6. State Oil & Gas Lease No.
2. Name of Operator COG OPERATING LLC		7. Lease Name or Unit Agreement Name RED RAIDER STATE
3. Address of Operator 550 W TEXAS , , SUITE 1300 MIDLAND , TX 79701		8. Well Number 002
4. Well Location Unit Letter <u>G</u> : <u>1980</u> feet from the <u>N</u> line and <u>1980</u> feet from the <u>E</u> line Section <u>19</u> Township <u>20S</u> Range <u>36E</u> NMPM Lea County		9. OGRID Number 229137
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3628 GR		10. Pool name or Wildcat See Area 13
Pit or Below-grade Tank Application ☐ or Closure ☐ Pit Type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____ Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____		

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐ TEMPORARILY ABANDON ☐ CHANGE OF PLANS ☐ PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐ Other: _____	SUBSEQUENT REPORT OF: REMEDIAL WORK ☐ ALTER CASING ☐ COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDON ☐ CASING/CEMENT JOB ☐ Other: Perforations/Tubing ☒
13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work.) SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion. See attachment See Attached	

Perforations

Pool: FEATHERSTONE;BONE SPRING, EAST , 24270 Location: G -19-20S-36E 1980 N 1980 E

TOP	BOT	Open Hole	Shots/ft	Shot Size	Material	Stimulation	Amount
10100	10108		4				
9966	10016		2				
9887	9891		4				
9841	9850		4				
7946	7962		4			Acid	1000
7910	7864		2			Acid	5000
7910	7864		2			Acid	420

Tubing

FEATHERSTONE;BONE SPRING, EAST , 24270

Tubing Size	Type	Depth Set	Packer Set
2.875		7867	7718

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/ will be constructed or closed according to NMOCD guidelines ☐ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Electronically Signed TITLE Regulatory Analyst DATE 5/22/2006

Type or print name Diane Kuykendall E-mail address dkuykendall@conchoresources.com Telephone No. 432-685-4372

For State Use Only:

APPROVED BY: Paul Kautz TITLE Geologist DATE 5/23/2006 7:06:38 AM

COG Operating LLC

Red Raider State # 0002
Surface Location: G-19-20S-36E
API #: 30-025-37491
Well Type: Oil

1/24/2006 Tuesday
Perforate Lower Bone Springs @ 10,100-10,108' w/ 4 SPF (33 holes).

1/25/2006 Wednesday
TIH w/ tbg & pkr. Set pkr @ 9928'. Swab.

1/27/2006 Friday
Release pkr & TOOH w/ tbg. LD pkr. Set CIBP @ 10,085'. Perforate @ 9966-10,016' w/2 SPF, 3 1/8" slick guns, 69 total holes.

1/28/2006 Saturday
TIH w/ pkr & tbg. Set pkr @ 9765'. Set tbg @ 9802'. Swab.

2/3/2006 Friday
TOOH w/ tbg & pkr. Set CIBP @ 9950'. Perforated Bone Springs f/ 9887-9891' w/ 4 SPF (17 holes). RIH w/ tbg & pkr. Set pkr @ 9737'. Swab.

2/8/2006 Wednesday
TOOH w/ tbg & pkr. Set CIBP @ 9878'

2/9/2006 Thursday
Perforated Bone Springs @ 9841-50' w/4 SPF (37 total holes). TIH w/ tbg & pkr. Set pkr @ 9703'. Swab.

2/13/2006 Monday
TOH w/ tbg & pkr. TIH w/ CIBP. Plug stuck @ 4250'.

2/14/2006 Tuesday
Drilled out CIBP @ 4250'. RIH w/ tbg to 7960'.

2/15/2006 Wednesday
Cont pushing CIBP down hole to 9875'. TIH w/5 1/2" CIBP & set @ 9800'. Dump bail 35' of cement on to plug @ 9800'. PBTB @ 9765'.

2/16/2006 Thursday
TIH w/ tbg to 7972'. TOH w/tbg. Perf 4 SPF @ 7946-7962', 65 holes total. TIH w/ pkr. Set pkr @ 7770'. Swab.

2/21/2006 Tuesday
Acidize new perfs 7946-62' w/ 1000 gals 15% 90/10 acid, dropping 75 - 7/8" ball sealers. Swab.

2/23/2006 Thursday
TOOH w/ tbg & pkr.

2/24/2006 Friday
Set CIBP @ 7936', no cmt. Perf First Bone Spring carbonate w/2 SPF @ 7910-14' (9 holes), 7880-7902' (45 holes), 7872-78' (13 holes) & 7860-64' (9 holes), all shots fired. TIH w/ tbg & pkr. Set pkr @ 7718'. Swab.

2/27/2006 Monday
Acidize perfs 7860' – 7914' w/ 5000 gal 15% 90/10 HCL acid. Swab.

3/2/2006 Thursday
Acidize perfs 7860' – 7914' w/ 420 BBLS acid & 50 ball sealers. Swab.

3/7/2006 Tuesday
Released packer and POOH. Ran production tubing w/ EOT @ 7867'.

3/8/2006 Wednesday
Ran 1 1/2" pump and rods. Loaded tubing and checked pump action.

3/9/2006 Thursday
RDMO. Turn to production.