

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 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-103
August 1, 2011

Permit 137276

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 30-025-40076
1. Type of Well: O		5. Indicate Type of Lease S
2. Name of Operator COG OPERATING LLC		6. State Oil & Gas Lease No.
3. Address of Operator 550 W TEXAS , SUITE 1300 , MIDLAND , TX 79701		7. Lease Name or Unit Agreement Name RANGER LAKE 1 STATE
4. Well Location Unit Letter <u>H</u> : 2015 feet from the <u>N</u> line and <u>430</u> feet from the <u>E</u> line Section <u>1</u> Township <u>13S</u> Range <u>34E</u> NMPM Lea County		8. Well Number 001H
11. Elevation (Show whether DR, KB, BT, GR, etc.) 4120 GR		9. OGRID Number 229137
10. Pool name or Wildcat		
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: **Drilling/Cement** ☒

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

Casing and Cement Program

Date	String	Fluid Type	Hole Size	Csg Size	Weight lb/ft	Grade	Est TOC	Dpth Set	Sacks	Yield	Class	1" Dpth	Pres Held	Pres Drop	Open Hole
07/11/11	Surf		17.5	13.375	48	H40	0	432	500		C				Y
07/20/11	Int1		12.25	9.625	40	J55	0	4344	1500		C				Y
07/29/11	Prod		8.75	7	29	P110	0	8478	1300		C				Y
08/27/11	Liner1		6.125	4.5	13.5	P110	0	12450	0						Y

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 Production Reporting Mgr DATE 9/13/2011

Type or print name Diane Kuykendall E-mail address dkuykendall@conchoresources.com Telephone No. 432-683-7443

For State Use Only:

APPROVED BY: Paul Kautz TITLE Geologist DATE 9/13/2011 2:09:56 PM

Ranger Lake 1 State Com #1H

7/10/11 Spud 17-1/2 @ 7PM.

7/11/11 TD 17-1/2 @ 432. Ran 10jts 13-3/8 H40 48# @ 432. Cmt w/200sx C. lead, 300sx C. tail. PD @ 12:15pm. Circ 192sx. WOC 18hrs. Test csg to 1000# for 30 min,ok.

7/20/11 TD 12-1/4 @ 4344. Ran 100jts 9-5/8 J55 40# @ 4344. Cmt w/1300sx C lead, 200sx C tail.

7/21/11 PD @ 7:51AM. Circ 411sx. WOC 18hrs. Test csg to 1000# for 30min,ok.

7/27/11 TD 8-3/4 @ 8438. 7/29/11 Ran 199jts 7 P110 29# @ 8478. Cmt w/1100sx C lead, 200sx C tail. Circ 280sx. WOC 18hrs. Test csg to 1000# for 30 min, ok.

8/3/11 TD 6-1/8 pilot @ 9700. Cmt 300sx C. Circ 44sx.

8/5-8/9/11 Drill cmt from 8312-8629. Drill 6-1/8 curve from 8629 to 9678. KOP 8633.

8/20/11 TD 6-1/8 @ 13,654.

8/27/11 Ran 110jts 4-1/2 Liner 11.6# P110 @ 12,450. TOL @ 7262.

8/29/11 RR