

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

Form C-103
Permit 33220

Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

WELL API NUMBER

30-015-34819

5. Indicate Type of Lease

S

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

MESQUITE STATE

8. Well Number

018

9. OGRID Number

229137

10. Pool name or Wildcat

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.)

1. Type of Well: ☐

2. Name of Operator

COG OPERATING LLC

3. Address of Operator

550 W TEXAS, , SUITE 1300 MIDLAND, TX 79701

4. Well Location

Unit Letter E : 1650 feet from the N line and 330 feet from the W line
Section 20 Township 17S Range 29E NMPM Eddy County

11. Elevation (Show whether DR, KB, BT, GR, etc.)

3647 GR.

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.

5/20/2006 Spud 17 1/2 hole.

5/21/2006 Ran 8jts 13 3/8 H-40 48# @ 352, Cmt w/375sx C, plug down 4:00am. 1" to surface w/450sx C, circ 20sx.

5/23/2006 Ran 18jts 8 5/8 J-55 24# @ 793', Cmt w/400sx 35/65/6, 200sx C, plug down 9:30pm, circ 110sx.

5/31/2006 TD 7 7/8 hole.

6/1/2006 Ran 122jts 5 1/2 J-55 17# @ 5399', Cmt w/400sx 50/50/2, 400sx 35/65/6, 400sx 50/50/2, plug down 7:30am, circ 35sx.

5/20/2006 Spudded well.

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
05/21/06	Surf	FreshWater	17.5	13.375	48	H-40	310	352	375		C		1800	0	Y
05/21/06	Surf	FreshWater	17.5	13.375	48	H-40	0	352	450		C	310	1800	0	Y
05/23/06	Int1	Brine	12.25	8.625	24	J-55	0	793	600		C		600	0	Y
06/01/06	Prod	CutBrine	7.875	5.5	17	J-55	0	5399	1200		C		600	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 Regulatory Analyst

DATE 6/28/2006

Type or print name Diane Kuykendall

E-mail address dkuykendall@conchoresources.com Telephone No. 432-685-

4372

For State Use Only:

APPROVED BY: Bryan Arrant

TITLE Geologist

DATE 6/29/2006 1:38:17 PM

Drilling Comments

OGRID: [229137] COG OPERATING LLC

Permit Number: 33220

Permit Type: Drilling

Created By	Comment	Comment Date
JSHERRELL	Surface-WOC 18 hours tested casing to 1800# for 30 minutes, held OK. Int.-WOC 12 hours tested casing to 600# for 20 minutes, held OK. Prod.-WOC 12 hours tested casing to 600# for 20 minutes, held OK.	6/28/2006