

Submit 3 Copies to Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

FEB 11 2009

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.
30-015-32062
Indicate Type of Lease
STATE ☒ FEE ☐
State Oil & Gas Lease No.
E-4201

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	7. Lease Name or Unit Agreement Name State S-19
2. Name of Operator COG Operating LLC	8. Well 21
3. Address of Operator 550 W. Texas Ave., Suite 1300 Midland, TX 79701	9. OGRID Number 229137
Well Location Unit Letter <u>P</u> : <u>330</u> feet from the <u>South</u> line and <u>865</u> feet from the <u>East</u> line Section <u>19</u> Township <u>17S</u> Range <u>29E</u> NMPM County <u>Eddy</u>	10. Pool name or Wildcat Empire; Glorieta-Yeso 96210
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3649' GR	
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>	
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 PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
OTHER: ☐

SUBSEQUENT REPORT OF:
REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: ☒ Deepen & Add Yeso Perfs

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

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 Phyllis A. Edwards TITLE Regulatory Analyst DATE 2/2/09
Type or print name Phyllis A. Edwards E-mail address: pedwards@conchoresources.com Telephone No. 432-685-4340

For State Use Only

APPROVED BY: [Signature] TITLE _____ DATE 3/3/09
Conditions of Approval (if any): _____

State S-19 #21
API # 30-015-32062
Eddy County, NM
330 FSL & 865 FEL
Section 19, T17S, R29E, UL P

09/09/08 Pull rods.
09/11/09 RIH w/ cmt retainer to 3595'. Pump 200 sx "C" and 200 sx "C" Neat. Pumped 200 sx "C" Neat. Squeezed off @ 2500 psi.
09/12/09 Drill out cmt retainer. Depth: 3630'. Tagged cmt ret @ 3595'. Drld. Secure well.
09/15/09 Drill out cmt ret. Continue drilling thru cmt. Depth: 3695'. Made 65'. Continue drilling out cmt ret & squeeze job.
09/16/08 Drill out cmt ret. Depth: 4044'.
09/17/08 Test squeeze. Drill thru shoe & 25' new hole. Depth: 4405'. Test squeeze job, held 200 psi for 30 min. PBTD @ 4336'.
09/19/08 Drilled to 4680'.
09/22/08 Re-squeeze Paddock. Depth: 4680'. RIH w/CBP. TIH w/cmt retainer to 3600'. Set cmt retainer. Cmt w/250 sx "C" Neat. AR 1 BPM, AP 800 psi. Squeezed off @ 2500 psi
09/23/08 Drill out cmt retainer. Depth: 4680'.
09/25/08 Drill thru squeeze cmt. Depth 4680'.
09/26/08 Test squeeze, pressured to 200 psi, held for 30 mi. Drld out CBP.
10/02/08 TD @ 5506'.
10/03/08 Run 4" 11.3# csg. Depth 5506'. Ran 124 jts 4" 11.3#UTFJ csg. DV tool @ 4189'. Pump 120 sx "C". Drop bomb. Open DV tool.
10/06/08 Drill out DV tool. Depth: 5506'.
10/07/08 Log well. Depth: 5506'.
10/15/08 Perf first stage 5100' - 5300' 48 holes.
10/17/08 Acidize **1st set of BLBR** perfs (5000-5200) 48 holes, with 2500 gals of 15% acid. Frac 1st set of BLBR perfs with 125,108 gals of lightning 2000 X/L gel carrying 153,470 lbs of 16/30 ottawa sand + 39,673 lbs of siberprop flush with 1000 gals of 15% acid + 1428 gals of base gel. Set CBP @ 4940' Perforated 2nd set of BLBR perfs(4700-4900) 2spf, 32 holes, Acidize perfs with 2500 gals of 15% acid. Frac 2nd set of BLBR perfs with 94,425 gals of lightning 2000 X/L gel carrying 108,668 lbs of 16/30 sand. Set CBP @ 4630' **3rd set of BLBR perfs** (4400-4600) 2spf 36 holes. Acidize perfs with 2500 gals of 15% acid. Frac 3rd set of BLBR perfs with 147,131 gals of lightning 2000 carrying 178,363 lbs of 16/30 ottawa sand + 56,072 lbs of siberprop,
10/21/08 Tagged sand @ 4590'.
10/22/08 Drill out 1st CBP @ 4630', Circ down to 4945'(2nd plug)
10/23/08 RIH w/ 129 jts 2-7/8" tbg set @ 4078'. PBTD @ 5365'.
10/29/08 RIH w/ rods & 2 x 1-1/2 x 20' pump. Turn to production.