

Submit 1 Copy To Appropriate District Office  
District I - (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II - (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV - (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Revised July 18, 2013

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

WELL API NO. <b>30-015-33084</b>
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name <b>Loving 1 State</b>
8. Well Number <b>#4</b>
9. OGRID Number <b>229137</b>
10. Pool name or Wildcat
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>3102' GR</b>

**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 ☐ Gas Well ☒ Other ☐

2. Name of Operator  
**COG Operating, LLC**

3. Address of Operator  
**2208 W. Main Street Artesia, NM 88210**

4. Well Location  
Unit Letter **J** : **1980** feet from the **S** line and **1980** feet from the **E** line  
Section **1** Township **24S** Range **27E** NMPM County **Eddy**

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

01/25/21 MIRU plugging equipment. 01/26/21 Bled off & pump'd 55 BBLS H2O to kill well. NU BOP. 01/27/21 POH w/ tbg. Pump'd Brine H2O to kill well. RU Rotary Wireline, RIH w/ guage ring to 11350'. Set 4 1/2" CIBP @ 11300'. POH & RD Rotary Wireline. 01/28/21 RIH w/ tbg, tagged 4 1/2" CIBP @ 11300'. Circulated hole w/ MLF. Pressure tested csg, held 500 PSI. Spotted 25 sx class H neat cmt @ 11300-10975'. Began POH w/ tbg, reversed tbg & pressured up. POH w/35 jts of tbg plugged w/ cmt. 01/29/21 RIH w/ wireline, tagged plug @ 11188'. Perf'd @ 10600'. Pressured up on perfs. 02/01/21 Spotted 25 sx class H cmt @ 10665-10330'. WOC. Tagged plug @ 10350'. Perf'd csg @ 9550'. Pressured up on perfs to 500 PSI. 02/02/21 Spotted 25 sx class H cmt @ 9614-9284'. WOC. RIH w/ wireline, tagged plug @ 9425'. Perf'd csg @ 6050' & established injection rate. 02/03/21 Opened well & had water flow. Sqz'd 30 sx class C cmt w/ 2% CACL @ 6050-5950', cmt circ'd in 7" csg. WOC. RIH w/ wireline, tagged plug @ 5757'. Perf'd @ 3800'. Sqz'd 50 sx class C cmt @ 3800-3700'. WOC. 02/04/21 Had water flow in 7" surface csg. Tagged plug @ 3455'. Perf'd csg @ 2360'. Sqz'd 80 sx class C cmt @ 2360-2260'. WOC. Pressure tested plug, held 500 PSI. Pump'd H2O down 7" csg, circ'd to surface. Sqz'd 100 sx class C cmt down 7" csg, pushed cmt to 2000'. WOC. 02/05/21 20 PSI on 4 1/2" csg, 50 PSI in 7 & 9 5/8" csg. No water flow. Tagged plug @ 2050. Perf'd csg @ 1800'. Sqz'd 100 sx class C cmt @ 1800-1600'. Cmt circ'd in 7 & 9 5/8" strings. WOC.



(Continued on page 2)

Spud Date:

Rig Release Date:

Approved for plugging of well bore only. Liability under bond is retained pending receipt of C-103 (Subsequent Report of Well Plugging) which may be found at OCD Web Page under Forms, [www.emnrd.state.nm.us](http://www.emnrd.state.nm.us)

I hereby certify that the information above is true and complete to the best of my knowledge and

SIGNATURE  TITLE: Regulatory Technician DATE: 3/8/2021  
Type or print name: Delilah Flores E-mail address: [Delilah.flores@conocophillips.com](mailto:Delilah.flores@conocophillips.com) PHONE: 575-748-6946  
APPROVED BY:  TITLE: Staff Manager DATE: 3/11/2021  
Conditions of Approval (if any):

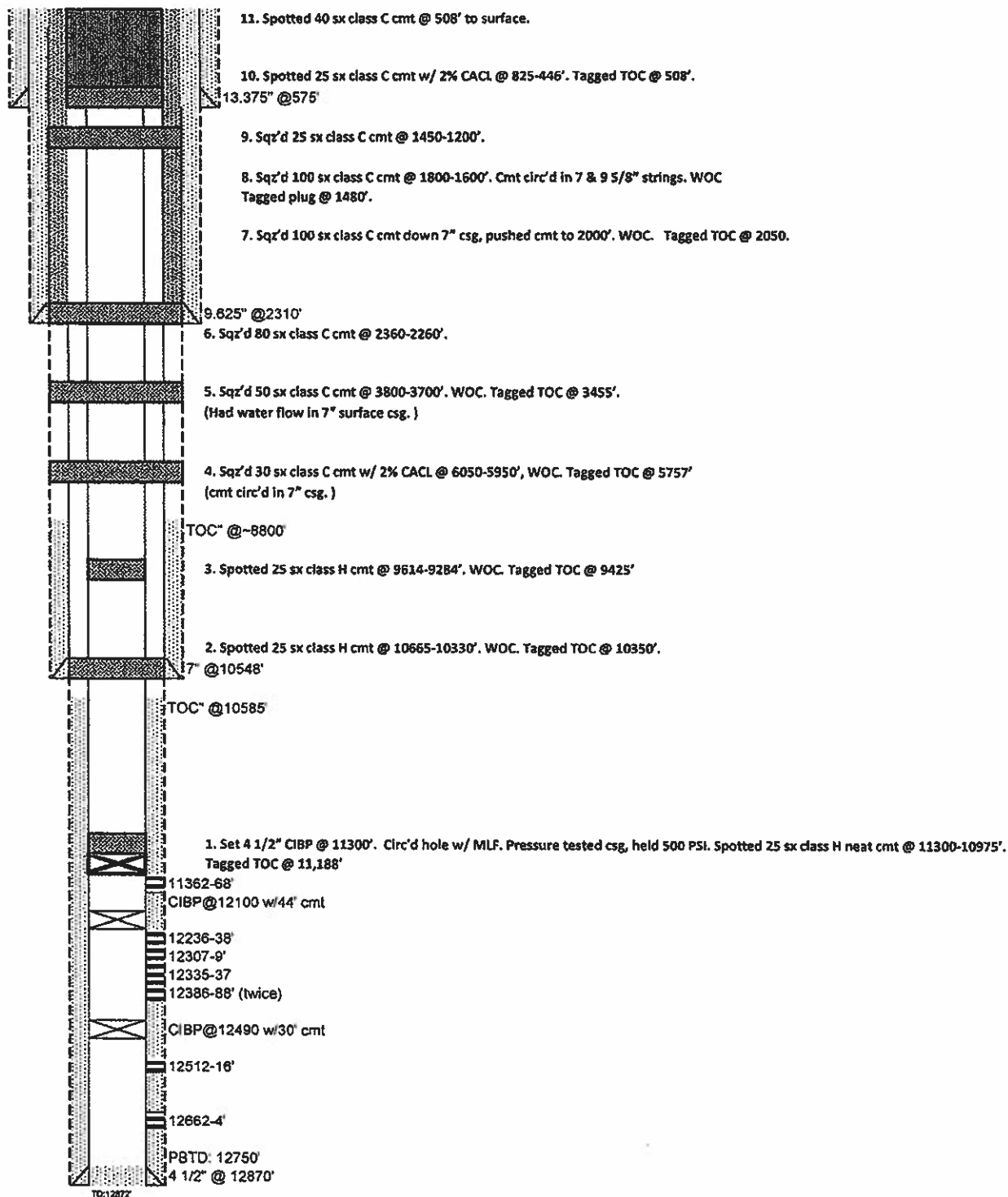
(Continued from Page 1)

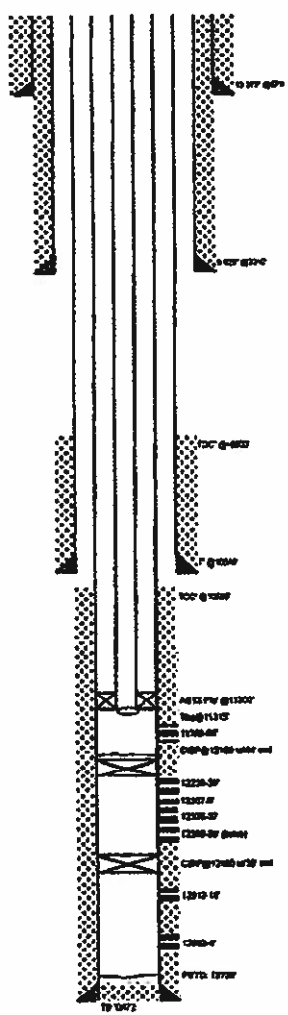
02/08/21 500 PSI in 9 5/8" csg, 25 PSI in 7", 0 PSI in 4 1/2" csg. Pressure tested 4 1/2" csg, pressure held. Pump'd 500 PSI down 7", pressure held. Pump'd 500 PSI down 9 5/8", pressure held. Tagged plug @ 1480'. Perf'd csg @ 625'. ND BOP, NU Spool. Sqz'd 200 sx class C cmt @ 625' to surface. Cmt circ'd on 7" & 9 5/8" csg. 02/09/21 300 PSI in 9 5/8", 20 PSI in 7" csg, 0 PSI in 4 1/2" csg. Pressure tested 4 1/2" csg, held 500 PSI. Pressure tested down 9 5/8" csg, test did not hold. NU Spool, NU BOP. RIH w/ power swivel, Tagged @ 33'. 02/10/21 Drilled out cmt to 437'. Circ'd hole clean. 02/11/21 Drilled to 625', Tagged plug @ 1569'. Pressure tested csg, pressure dropped. Perf'd csg @ 1450'. Could not RIH w/ packer. RIH w/ drill bit, tagged @ 50'. 02/12/21 RIH w/ scrapper to 800'. POH. RIH w/ packer, tagged @ 50'. POH. Could not work packer down. 02/19/21 RIH w/ power swivel to 698'. Circ'd well clean. Perf'd csg @ 700'. Established injection rate 1/4 BBL per minute. 02/20/21 RIH w/ pckr to 1015'. Circ'd H2O down tbg, pressured up to 1500 PSI. Sqz'd 25 sx class C cmt @ 1450-1200'. Spotted 25 sx class C cmt w/ 2% CACL @ 825-446'. PoH/ Set pckr @ 30'. Pressured up to 1500 PSI. 02/21/21 300 PSI on 4 1/2" csg, 0 PSI on 7", 100 PSI on 9 5/8" csg. Pressure tested 9 5/8" csg, pressured up to 1000 PSI. ND BOP & spool. Tagged plug @ 508'. Spotted 40 sx class C cmt @ 508' to surface. Rigged down & moved off. 02/25/21 Moved in backhoe and welder, cut off well head and Gilbert Cordero w/ NM OCD verified cmt to surface via picture text message. Welded on "Above Ground Dry Hole Marker". Backfilled cellar, off deadmen, cleaned location, and moved off.

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## Plugged

WELL NAME:	Loving 1 State #4	FIELD: Loving SE	LSE#: 025762
STATE:	NM	COUNTY: Eddy	LOCATION: 1980 FSL & 1980 FEL Sec. 1-24S-27E
API NO:	30-015-33084	SPUD DATE: 8/24/2000	FORMATION: Atoka
TD:	12872'	P8TD: 12059'	ELEVATION: 3102' QL



[illegible]

REFERENCE: LA 44-1540  
 DATE: 10-2-68  
 SUBJECT: 42-40

OFFICE: (14) 103-1791  
 DATE: 10-2-68

N. 44-1540

**District I**

1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**

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Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**

1000 Rio Brazos Rd., Aztec, NM 87410  
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**District IV**

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Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 20053

**CONDITIONS OF APPROVAL**

Operator:	COG OPERATING LLC	600 W Illinois Ave	Midland, TX79701	OGRID:	229137	Action Number:	20053	Action Type:	C-103P
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OCD Reviewer	Condition
gcordero	None