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

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

Form C-103
Revised July 18, 2013

WELL API NO.
30-025-42461

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

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.)

HOBBS OCD
NOV 09 2018
RECEIVED

7. Lease Name or Unit Agreement Name
Wild Cobra 1 State SWD

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

8. Well Number **2**

2. Name of Operator
COG Operating LLC

9. OGRID Number
229137

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

10. Pool name or Wildcat
SWD; Dev-Fuss-Mon-Simp-Ell

4. Well Location
Unit Letter **C** ; **660** feet from the **North** line and **1650** feet from the **West** line
Section **1** Township **19S** Range **34E** NMPM **Lea** County

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
3963.5' GR

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☒	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐						
CLOSED-LOOP SYSTEM	☐						
OTHER:	☐			OTHER:			☐

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.

5/17/2018: Shut well in and took it out of service upon discovering a suspected tubing leak. It took approximately 4 months for delivery of a replacement 4.5" fiberglass-lined injection tubing string.

10/5/2018: MIRU WSU, pulled the 4.5"/13.1/P110/BTC fiberglass-lined injection tubing (permanent injection packer at 14,746'), laid it down and sent it in for inspection and refurbishment.

10/12/2018: Ran RBP on work string to 14720' and tested the entire wellbore above the CRA permanent packer to 2500 psi.

10/1//2018: Ran the work string with a seal assembly on bottom, latched into the permanent packer at 14,746' and pumped a cleanup acid treatment since the well hadn't been acidized since it was completed. Pumped 20,000 gal NE Fe 15% HCL plus 20,000 gals chlorine dioxide solution in alternating stages at AIR 7.5 BPM and AIP 6541 psi. ISIP vacuum. The next morning we had 2800 psi on the tubing x casing annulus, 0 psi on the tubing. There was no gas and the pressure bled off quickly with a trickle of water coming out of annulus after bleeding down. Shut the well in over the weekend to observe the annular pressure buildup. Built to 2150 psi and bled off quickly with no gas at surface.

10/23/2018: Ran a 60 arm caliper log and a magnetic wall thickness log and couldn't find any obvious casing problems. Suspect a very tiny coupling leak close to two high porosity, wet Atoka Sands that kicked when the well was drilled (12720-38') as the source of pressure buildup inside the 7" casing. **(report continued on Page 2)**

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

SIGNATURE Bobbie J Goodloe TITLE Regulatory Analyst DATE November 6, 2018

Type or print name Bobbie J Goodloe E-mail address: bgoodloe@concho.com PHONE: 575-748-6952

For State Use Only

APPROVED BY: Maley Brown TITLE AO/I DATE 11/13/2018
Conditions of Approval (if any):

Wild Cobra 1 State SWD 2
30-025-42461
Subsequent Report of Remedial Work
11/6/18

10/29/2018: Ran a RBP/packer combo on the work string, set and tested the RBP to 5000 psi at 14700' just above the injection packer and moved the retrievable packer up hole and did several pressure tests on the casing. Tested OK to 5000 psi 12574' to 14700'. Tested OK to 5000 psi 11585' to 14700'. Tubing started dribbling water while moving packer to next setting. Tested OK to 5000 psi 10595' to 14700'. Tubing dribbling water while moving packer to next setting. Tested OK to 5000 psi 9605' to 14700'. Had minor gas to surface when bled pressure off tubing. Retested to 5500 psi and still held pressure. Minor gassing while pulling tubing. Set packer at 8617' and shut in overnight to observe pressure buildup (put 500 psi on annulus and closed annulus). Next morning had 160 psi on tubing. Bled off sweet gas in less than minute. Had 450 psi on annulus.

We concluded that there is a miniscule casing coupling leak, location uncertain but likely close to 12700', and that we need to run a 5.5" flush joint liner from 9500' to above the injection packer at 14740' to isolate the leak so that the tubing x casing annulus will not constantly build pressure. Setting the liner hanger at 9500' places the liner across all potential Bone Spring and Wolfcamp pay zones. We can't inject into the leak so cement squeeze operations aren't an option. We needed to move off of the well so that we could order the 5.5" flush joint casing, liner hanger, new 5.5" CRA injection packer and 3.5" special clearance injection tubing for inside the 5.5" liner—all long lead time items.

10/30/2018: RBP at 14700' which has been tested to 5500 psi was left in place to isolate the Devonian injection interval. Circulated the well bore full of packer fluid containing corrosion inhibitor, oxygen scavenger and biocide. Laid down the rental work string and packer and ran a COG-owned 2-7/8" L80 work string and packer to 9514' to isolate the upper casing string from pressure buildup and keep any pressure buildup inside the tubing string. Installed a 2-9/16" 5000 psi WP tree.

11/2/2018: RDMO WSU to await delivery of 5.5" flush joint liner equipment.