

NM OIL CONSERVATION

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) 334-6161
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. 30-015-42356
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 Cottonwood 2 State SWD
8. Well Number 1
9. OGRID Number 229137
10. Pool name or Wildcat SWD; Devonian

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 SWD

2. Name of Operator
COG Operating LLC

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

4. Well Location
Unit Letter O : 400 feet from the South line and 1400 feet from the East line
Section 2 Township 26S Range 26E NMPM Eddy County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3299' GR

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 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: <u>Bradenhead Testing</u>	<input checked="" 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.

October 2015: 13-3/8" x 9-5/5" annular shut in pressure = 85 psi. Bled off in 30 seconds. 9-5/8" x 7" annular shut in pressure = 50 psi. Bled off in 30 seconds.

3 December 2015: 9-5/8" x 7" annular shut in pressure = 300 psi after being shut in for 3 weeks. Pressure bled off in less than 2 minutes. Took approximately 1 bbl fresh water to load annulus. Pressurized to 800 psi and bled off slowly to 510 psi in 20 minutes. Pressurized to 840 psi and bled off to 630 psi followed by a pressure increase to 660 psi in 35 minutes. Pressurized to 1500 psi and pressure bled down to 1050 psi in 1 hour. No injection rate could be established and the annulus would immediately pressurize when the pump was started. Pumping a bradenhead cement squeeze is not feasible.

Proposed plan of action is to monitor casing annuli for pressure on a weekly basis and bleed off the gas pressure as/if necessary. We will notify NMOCD if substantial increases occur in the casing pressure or if substantial increases occur in the time required to blow the casing pressure down.

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

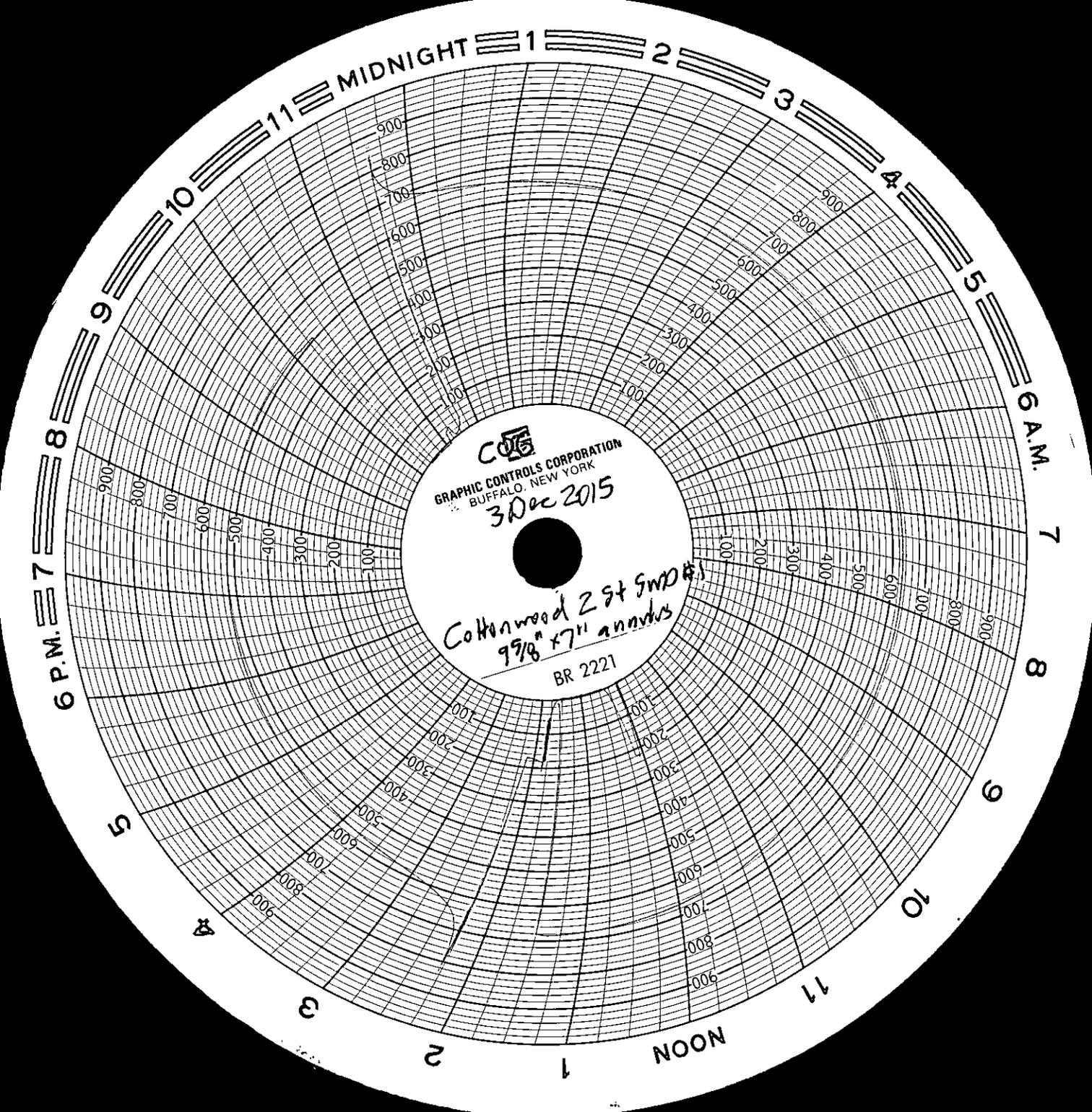
SIGNATURE Stormi Davis TITLE: Regulatory Analyst DATE: 12/15/15

Type or print name: Stormi Davis E-mail address: sdavis@concho.com PHONE: (575) 748-6946

For State Use Only

APPROVED BY: RD Dade TITLE: Dist H Supervisor DATE: 12/18/15

Conditions of Approval (if any):



GCS
GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK
3 Dec 2015

Cottonwood 2 3/4" SWD #1
99/10" x 7" annulus
BR 2221