

Submit 1 Copy 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

Form C-103  
October 13, 2009

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

WELL API NO. 30-025-52424
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 Eata Fajita State Com
8. Well Number 602H
9. OGRID Number 229137
10. Pool name or Wildcat WC-025 G-09 S243310P; Upper Wolfcamp

**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 P : 630 feet from the South line and 810 feet from the East line  
Section 8 Township 24S Range 33E NMPM Lea County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3602.2' GR

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

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

COG Operating LLC respectfully requests approval for the following changes to the original approved APD.

Casing Changes: See attached.

Spud Date:  Rig Release Date:

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

SIGNATURE Mayte Reyes TITLE: Senior Regulatory Coordinator DATE: 9/23/2024

Type or print name: Mayte Reyes E-mail address: mayte.x.reyes@cop.com PHONE: (575) 748-6945

**For State Use Only**

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Conditions of Approval (if any):

## Eata Fajita State Com #602H

### Casing and Cement

<u>String</u>	<u>Hole Size</u>	<u>Csg OD</u>	<u>PPF</u>	<u>Depth</u>	<u>Sx Cement</u>	<u>TOC</u>
Surface	17-1/2"	13-3/8"	54.5#	1,550'	990	0'
Intermediate 1	12-1/4"	10-3/4" SC	45.5#	5,030'	1,310	0'
Intermediate 2	9-7/8" x 8-3/4"	7-5/8"	29.7#	11,900'	350	7,688'
Production	6-3/4"	5-1/2"	23.0#	22,777'	880	9,600'

### Well Plan

Drill 17-1/2" hole to ~1,550' with fresh water. Run 13-3/8" 54.5# J-55 BTC casing to TD and cement to surface in one stage (preset).

Drill 12-1/4" hole to 5,030' (min. 100' below base of Salt) with fully saturated brine. Run 10-3/4" 45.5# J-55 BTC-SC casing to TD and cement to surface in one stage (minimum 50% annular excess will be pumped).

Drill 9-7/8" x 8-3/4" vertical hole (taper at ~8,000') to ~11,900' with cut brine. Run 7-5/8" 29.7# L80-ICY BTC (0'-8,000') / P110-ICY W513 (8,000'-11,900') casing to TD and cement to Top Brushy Canyon at 7,688' in one stage (leaving Delaware Mountain group open as relief valve).

Drill 6-3/4" curve and lateral to ~22,777' with OBM. Run 5-1/2" 23# P110-CY TXP BTC (0'-11,700') / P110-CY W441 (11,700'-22,777') casing to TD and cement to 9,600' in one stage.

### Well Control

BOP/BOPE will be tested by an independent service company to 250 psi low and the high pressure indicated below per 43 CFR Part 3170 Subpart 3172 requirements. The System may be upgraded to a higher pressure but still tested to the working pressure below. If the system is upgraded all the components installed will be functional and tested. After setting 13-3/8" casing and installing 10,000 psi casing head, NU 13-5/8" Cameron BOP. Test casing to 1500 psi, annular to 2500 psi and other BOP equipment to 10,000 psi.

<u>Type</u>	<u>Working Pressure</u>	<u>Test Pressure</u>	<u>Manufacture</u>
Double Ram	10,000 psi	10,000 psi	Cameron

A variance is requested for the use of BOPE break testing on intermediate skids (in accordance with the 30-day full BOPE test requirements).

### Potash Consideration

Potash well archetype: 4-String Design Open 1st Int x 2nd Int Annulus w/ ICP 2 below relief zone (Figure D). Sundry aims to comply with R-111-Q as passed on 5/10/2024.

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 402671

**CONDITIONS**

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 402671
	Action Type: [C-103] NOI Change of Plans (C-103A)

**CONDITIONS**

Created By	Condition	Condition Date
pkautz	If cement is not circulated to surface during cementing operations, a Cement Bond Log (CBL) is required.	11/13/2024
pkautz	WHEN PERFORMING A BRADENHEAD CEMENT JOB A CBL MUST BE RUN BEFORE AND AFTER THE BRADENEAD CEMENT JOB.	11/13/2024
pkautz	MUST COMPLY WITH ALL REQUIREMENTS OF R-111-Q	11/13/2024