

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

*for 2nd lateral* Form C-144 CLEZ  
July 21, 2008  
For closed-loop systems that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure, submit to the appropriate NMOCD District Office.

**Closed-Loop System Permit or Closure Plan Application**

*(that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure)*

Type of action: ☒ Permit ☐ Closure

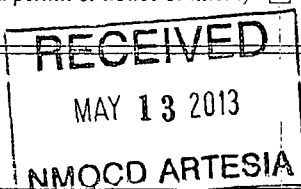
Instructions: Please submit one application (Form C-144 CLEZ) per individual closed-loop system request. For any application request other than for a closed-loop system that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure, please submit a Form C-144.

Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.

1. Operator: **COG OPERATING LLC** OGRID #: **229137**  
Address: **One Concho Center 600 W. Illinois Ave. MIDLAND, TX 79701**  
Facility or well name: **Puckett 12 Federal 7H**  
API Number: **30-015-39476** OCD Permit Number: **214337**  
U/L or Qtr/Qtr **UL P** Section **12** Township **17S** Range **31E** County: **Eddy**  
Center of Proposed Design: Latitude \_\_\_\_\_ Longitude \_\_\_\_\_ NAD: ☐ 1927 ☐ 1983  
Surface Owner: ☒ Federal ☐ State ☐ Private ☐ Tribal Trust or Indian Allotment

2. ☒ **Closed-loop System:** Subsection H of 19.15.17.11 NMAC  
Operation: ☐ Drilling a new well ☒ Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent) ☐ P&A  
☐ Above Ground Steel Tanks or ☒ Haul-off Bins

3. **Signs:** Subsection C of 19.15.17.11 NMAC  
☐ 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers  
☒ Signed in compliance with 19.15.3.103 NMAC



4. **Closed-loop Systems Permit Application Attachment Checklist:** Subsection B of 19.15.17.9 NMAC  
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.  
☒ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC  
☒ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC  
☒ Closure Plan (Please complete Box 5) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC  
☐ Previously Approved Design (attach copy of design) API Number: \_\_\_\_\_  
☐ Previously Approved Operating and Maintenance Plan API Number: \_\_\_\_\_

5. **Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:** (19.15.17.13.D NMAC)  
Instructions: Please identify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if more than two facilities are required.  
Disposal Facility Name: **CRI** Disposal Facility Permit Number: **R1966**  
Disposal Facility Name: **GM INC** Disposal Facility Permit Number: **711-019-001**  
Will any of the proposed closed-loop system operations and associated activities occur on or in areas that will not be used for future service and operations?  
☐ Yes (If yes, please provide the information below) ☒ No  
Required for impacted areas which will not be used for future service and operations:  
☐ Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC  
☐ Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC  
☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

**Operator Application Certification:**

I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.

Name (Print): **Kanicia Castillo** Title: **Lead Regulatory Analyst**  
Signature: *[Signature]* Date: **5/9/13**  
e-mail address: **kcastillo@concho.com** Telephone: **432-685-4332**

7. **OCD Approval:** ☒ Permit Application (including closure plan) ☐ Closure Plan (only)  
**OCD Representative Signature:** ALDade **Approval Date:** 5/15/2013  
**Title:** Asst H Sepewis **OCD Permit Number:** 214337

8. **Closure Report (required within 60 days of closure completion):** Subsection K of 19.15.17.13 NMAC  
*Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed.*  
☐ **Closure Completion Date:** \_\_\_\_\_

9. **Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:**  
*Instructions: Please indentify the facility or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more than two facilities were utilized.*  
Disposal Facility Name: \_\_\_\_\_ Disposal Facility Permit Number: \_\_\_\_\_  
Disposal Facility Name: \_\_\_\_\_ Disposal Facility Permit Number: \_\_\_\_\_  
Were the closed-loop system operations and associated activities performed on or in areas that *will not* be used for future service and operations?  
☐ Yes (If yes, please demonstrate compliance to the items below) ☐ No  
*Required for impacted areas which will not be used for future service and operations:*  
☐ Site Reclamation (Photo Documentation)  
☐ Soil Backfilling and Cover Installation  
☐ Re-vegetation Application Rates and Seeding Technique

10. **Operator Closure Certification:**  
I hereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.  
**Name (Print):** \_\_\_\_\_ **Title:** \_\_\_\_\_  
**Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_  
**e-mail address:** \_\_\_\_\_ **Telephone:** \_\_\_\_\_

## Closed Loop Operation & Maintenance Procedure

All drilling fluids are circulated over shakers and through steel work-over tanks.

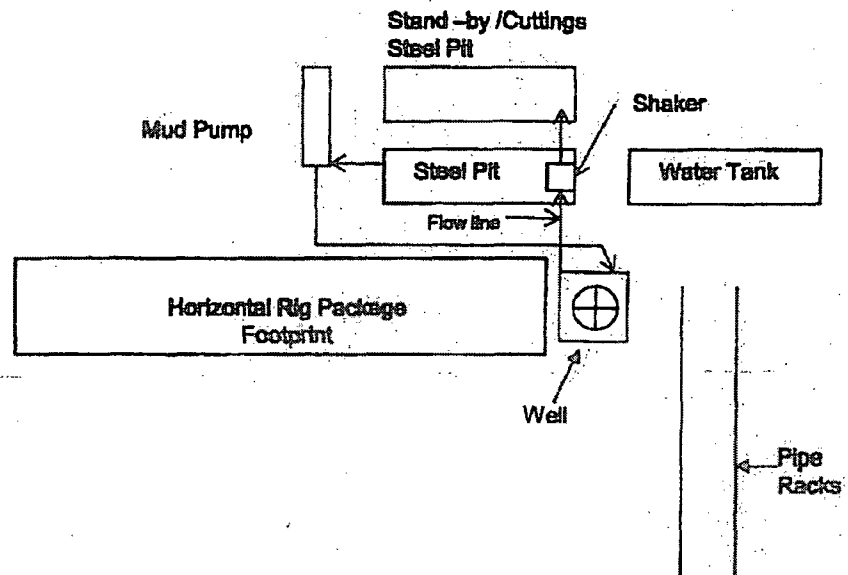
Fines from shaker are dropped into stand by metal tank.

Additional tanks are used to capture unused drilling fluid or cement returns from casing jobs, as necessary.

At end of job, drilling fluid is disposed in a proper off location 3<sup>rd</sup> party injection well while fines are disposed of at a proper 3<sup>rd</sup> party waste disposal site.

This equipment will be maintained by rig crews that are on location.

**COG Operating LLC**  
**Closed Loop Equipment Diagram –**  
**Yeso Horizontal Reentry**



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

DISTRICT II  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720

DISTRICT III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

□ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-39476	Pool Code 26770	Pool Name Fren;Glorieta-Yeso
Property Code 38858	Property Name PUCKETT 12 FEDERAL	Well Number 7H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3965'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	12	17-S	31-E		15	SOUTH	819	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	12	17-S	31-E		330	NORTH	990	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
160			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p><b>DETAIL</b></p> <p>3964.9' 3968.4'</p> <p>600'</p> <p>3959.7' 3964.4'</p> <p><b>GEODETIC COORDINATES</b> NAD 27 NME</p> <p><b>SURFACE LOCATION</b> Y=670369.4 N X=658684.5 E</p> <p><b>LAT.=32.841864° N</b> <b>LONG.=103.816666° W</b></p> <p><b>BOTTOM HOLE LOCATION</b> Y=675304.1 N X=658485.4 E</p> <p><b>CORNER COORDINATES TABLE</b></p> <table border="1"> <tr> <td>A</td> <td>-</td> <td>Y=675631.7 N, X=658153.1 E</td> </tr> <tr> <td>B</td> <td>-</td> <td>Y=675640.7 N, X=659473.2 E</td> </tr> <tr> <td>C</td> <td>-</td> <td>Y=670350.6 N, X=658184.2 E</td> </tr> <tr> <td>D</td> <td>-</td> <td>Y=670360.5 N, X=659503.3 E</td> </tr> </table> <p><b>Penetration Point</b> 330' FSL &amp; 866' FEL</p> <p><b>Project Area</b></p> <p><b>Producing Area</b></p> <p><b>GRID. AZ. = 357°41'21"</b></p> <p><b>HORIZ. DIST. = 4940.0'</b></p> <p><b>S.L. SEE DETAIL</b></p> <p><b>C 15' 819'</b></p>	A	-	Y=675631.7 N, X=658153.1 E	B	-	Y=675640.7 N, X=659473.2 E	C	-	Y=670350.6 N, X=658184.2 E	D	-	Y=670360.5 N, X=659503.3 E	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Kanicia Castillo</i> 5/9/13 Signature Date</p> <p>Kanicia Castillo Printed Name</p> <p>kcastillo@concho.com E-mail Address</p> <p><b>SURVEYOR CERTIFICATION</b></p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>JUNE 28, 2011</p> <p>Date of Survey</p> <p>Signature of Registered Professional Surveyor:</p> <p><i>Ronald J. Eidson</i></p> <p>NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR 3239</p> <p>Certificate Number: 12641 Ronald J. Eidson 3239</p> <p>AP Rev. 11/07/2012 JWSC W.O.: 12.13.0228</p>
A	-	Y=675631.7 N, X=658153.1 E											
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