	<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Road, Aztec, NM 87410 <u>District IV</u> 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	Form C-144 CLEZ Revised August 1, 2011 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-Lo	oop System Permit or Closure Plan	Application					
	(that only use above ground s	steel tanks or haul-off bins and propose to impler	ment waste removal for closure)					
		Type of action: Permit Closure						
	Instructions: Please submit one application (Forn closed-loop system that only use above ground stee	n C-144 CLEZ) per individual closed-loop system reques I tanks or haul-off bins and propose to implement waste	st. For any application request other than for a e removal for closure, please submit a Form C-144.					
. (. (Please be advised that approval of this request does no environment. Nor does approval relieve the operator of	t relieve the operator of liability should operations result of its responsibility to comply with any other applicable g	in pollution of surface water, ground water or the overnmental authority's rules, regulations or ordinances.					
	Deperator: <u>COG Operating LLC</u>	OGRID	#: 229137					
	Address: One Concho Center, 600 W Illinois Av	e, Midland, TX 79701						
	Facility or well name: <u>Jenkins B Federal #1</u>	·						
	API Number: <u>30-015-04214</u>	OCD Permit Number:	214181					
	U/L or Qtr/Qtr <u>E</u> Section <u>20</u>	Township <u>17S</u> Range <u>30E</u> Cou	nty: <u>Eddy</u>					
	Center of Proposed Design: Latitude	Longitude	NAD: 1927 1983					
	Surface Owner: 🛛 Federal 🗌 State 🛄 Private	Tribal Trust or Indian Allotment						
	☑ Closed-loop System: Subsection H of 19.15 Operation: □ Drilling a new well ☑ Workover □ Above Ground Steel Tanks or ☑ Haul-off Bi	17.11 NMAC or Drilling (Applies to activities which require prior ap ns	pproval of a permit or notice of intent)					
	Signs: Subsection C of 19.15.17.11 NMAC		RECEIVED					
	12"x 24", 2" lettering, providing Operator's na	ame, site location, and emergency telephone numbers	ADD A 8 2012					
	Signed in compliance with 19.15.16.8 NMAC		AFR V8 2013					
	 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 Syste	ms That Utilize Above Ground Steel Tanks or Hau	I-off Bins Only: (19.15.17.13.D NMAC)					
	Instructions: Please indentify the facility or faci	lities for the disposal of liquids, drilling fluids and d	rill cuttings. Use attachment if more than two					
	Disposal Facility Name: CRI	Disposal Facility Pe	ermit Number: R1966					
	Disposal Facility Name: <u>GM INC</u>	Disposal Facility Pe	ermit Number: 711-019-001					
	Will any of the proposed closed-loop system operations and associated activities occur on or in areas that <i>will not</i> be used for future service and operations? Yes (If yes, please provide the information below) X 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							
	6. Operator Application Certification: Lhereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief							
	Name (Print): Kanicja Castillo Title: Lead Regulatory Analyst							
		Data: 04/05	/13					
,		Date: <u>04/05</u>	/12					
	e-mail address: kcastillo@concho.com	Telephone: 43	2-685-4332					

Form C-144 CLEZ

Oil Conservation Division

7. OCD Approval: Permit Application (including closure plan) Closure Plan (only)						
OCD Representative Signature: 7/9/2013						
Title: Dos IL Septer	OCD Permit Number: 214181					
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. <u>Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:</u> 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:CRI	Disposal Facility Permit Number:R1966					
Disposal Facility Name:GM INC	Disposal Facility Permit Number:711-019-001					
Were the closed-loop system operations and associated activities performed on o Yes (If yes, please demonstrate compliance to the items below) No	r in areas that <i>will not</i> be used for future service and operations?					
Required for impacted areas which will not be used for future service and operate Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique	ions:					
 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:					

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During each day of operation, the rig's crew will inspect and closely monitor the fluids contained within the steel tank and visually monitor any release that may occur. Should a release, spill or leak occur, the NMOCD District 2 office Artesia (575-748-1283) will be notified, as required in NMOCD's rule 19.15.29.8.



Well Information

API# 30-015-04214

Surface Location:

- Section 20
- Township 17S
- Range 30E
- 1,650' FNL & 330' FWL
- Eddy County, NM

Well Completion Data

Hole Size (in.)	Casing Size (in.)	Depth Set (ft)	Cement Volume (sx)
12-1/4	10-3/4	479	50
8-1/2	7	3,000	100
6-1/4	4-1/2	4,786	275

Procedure

- 1. Rig up well service unit.
- 2. Pull out of the hole with the rods. RIH with fishing tool and latch onto remainder of rods. Detach from progressive cavity pump rotor. Pull out laying down all rods.
- **3.** POOH with tubing, rotor and stator.
- 4. Rig up wireline service. RIH with 4-1/2" CIBP and 3-1/8" perforating guns.
 - a. Set CIBP @ 4,225' to isolate Glorieta Yeso. Load and test casing to 3000 psig.
 - **b.** Perforate from 3,818' 4,100' with 26 total shots using 12 gram ppg 3112-321T charges.
- **5.** Set 4-1/2" x 2-7/8" packer @ 3,750'.
- 6. Pump 3,000 gals 15% HCL NEFE acid with Claystay. Flush with 30 bbls 2% KCl water.
- 7. Wait 1 hour. Begin swabbing load back. Swab test will determine next action.
- 8. If swab test proves zone productive, we will hydraulically fracture interval with 97,950 gals of 15 lb. cross-linked fluid carrying 135,225 lbs. of premium brown 16/30 sand. Otherwise; we will abandon interval.
- 9. Clean out wellbore to CIBP @ 4,225'. Will not drill out CIBP.
- **10.** Put well on artificial lift. Acquire significant production data on lower San Andres.
- 11. Rig up well service unit.
- **12.** Pull out of the hole with rods and tubing.
- **13.** Rig up wireline service. RIH with 4-1/2" composite bridge plug and 3-1/8" perforating guns.
 - a. Set CBP @ 3,750'. Load and test casing to 3,000 psig.
 - **b.** Perforate from 3,414' 3,694' with 26 total shots using 12 gram ppg 3112-321T charges.
- 14. Set 4-1/2" x 2-7/8" packer @ 3,365'.
- 15. Pump 3,000 gals 15% HCl NEFE acid with claystay. Flush with 30 bbls 2% KCl water.
- **16.** Wait 1 hour. Begin swabbing load back. Swab test will determine next action.
- **17.** If swab test proves zone productive, we will hydraulically fracture interval with 97,950 gals of 15 lb. cross-linked fluid carrying 135,225 lbs. of premium brown 16/30 sand. Otherwise, we will abandon interval.
- 18. Clean out wellbore to CBP @ 3,750'.
- **19.** Put well on artificial lift. Once significant production data is acquired from middle San Andres, the two intervals being tested will be comingled.

Lease & Well # Jenkins B Federal #1 Sec 20 E 17S 30 E SPUD: 12/16/35 Eddy Co., NM 30-015-04214 Ekvalue Elevation - 3651* KB - 20/15/04214 Evalue Elevation - 3651* KB - 20/15/04214 Evalue Elevation - 3651* KB - 20/15/04214 Elevation - 3651* Elevation - 3651* KB - 20/15/04214 Elevation - 3651* Elevation - 3651* For 2000 station of the statio	COG Operating LLC							
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