

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

5. Lease Serial No.
COC52523

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

7. If Unit or CA/Agreement, Name and/or No.
891021176X

1. Type of Well

Oil Well Gas Well Other: UNKNOWN OTH

8. Well Name and No.
CB 4

2. Name of Operator

KINDER MORGAN CO2 CO, LP Contact: CHRIS S LOPEZ
E-Mail: christopher_lopez@kindermorgan.com

9. API Well No.

3a. Address

17801 HWY 491
CORTEZ, CO 81321

3b. Phone No. (include area code)

Ph: 970-882-5537

10. Field and Pool or Exploratory Area
MCELMO DOME

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 10 T38N R19W SESE 949FSL 906FEL
37.561409 N Lat, 108.924789 W Lon

11. County or Parish, State

MONTEZUMA COUNTY, CO

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input checked="" type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

Kinder Morgan CO2 Company, LP (KM) proposes to amend the storm water controls for the CB-4 well location per the attached narrative, diagram and landowner approved seed mix, and plans to initiate construction on approximately 9/26/2019.

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #484480 verified by the BLM Well Information System
For KINDER MORGAN CO2 CO, LP, sent to the Durango
Committed to AFMSS for processing by ASHLEY HITCHHELL on 09/23/2019 (19ACH0128SE)**

Name (Printed/Typed) CHRIS S LOPEZ

Title EHS

Signature (Electronic Submission)

Date 09/23/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By JOHN PECOR

Title MINERALS STAFF CHIEF

Date 09/24/2019

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Durango

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Revisions to Operator-Submitted EC Data for Sundry Notice #484480

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	RECL NOI	RECL NOI
Lease:	COC52523	COC52523
Agreement:		891021176X (COC047653X)
Operator:	KINDER MORGAN CO2 CO, LP 17801 HIGHWAY 491 CORTEZ, CO 81321 Ph: 970-882-5537	KINDER MORGAN CO2 CO, LP 17801 HWY 491 CORTEZ, CO 81321 Ph: 970.882.5517
Admin Contact:	CHRIS S LOPEZ EHS E-Mail: christopher_lopez@kindermorgan.com Ph: 970-882-5537	CHRIS S LOPEZ EHS E-Mail: christopher_lopez@kindermorgan.com Ph: 970-882-5537
Tech Contact:	CHRIS S LOPEZ EHS E-Mail: christopher_lopez@kindermorgan.com Ph: 970-882-5537	CHRIS S LOPEZ EHS E-Mail: christopher_lopez@kindermorgan.com Ph: 970-882-5537
Location:		
State:	CO	CO
County:	MONTEZUMA	MONTEZUMA
Field/Pool:	MCELMO DOME	MCELMO DOME
Well/Facility:	CB 4 Sec 23 T36N R18W Mer NMP SESE 949FSL 906FEL	CB 4 Sec 10 T38N R19W SESE 949FSL 906FEL 37.561409 N Lat, 108.924789 W Lon

Storm Water/Reclamation

Storm water control measures shall be installed in accordance with the attached storm water control measures map, this narrative, the attached storm water control measure installation details, and as discussed during the site visit.

Please see below for a detailed list of storm water control measures to be installed during the CB-4 Well Pad Construction Project:

Installation of Storm Water Control Measures

- Install 2600 feet of compacted earthen berm. (First thing to be installed.)
- Install 35 rock velocity checks utilizing 4-6 inch angular rock.
- Install inlet/outlet protections on the culvert at the pad entrance. The inlet/outlet protections will be 6'x3' utilizing 4-6 inch angular rock.
- Install 1050 feet of wattles around the topsoil/spoil piles.
- Apply Terra Matrix hydro mulch at 3000 lbs/acre to all areas of disturbance not covered with gravel. This includes all cut/fill slopes, and areas along access road. There are approximately 4.5 acres that will require Terra Matrix Hydro Mulch.
- Install two (2) slide gates(see attached spec). Each slide gate will require approximately 30 feet of 8 inch PVC pipe.
- Install 1-10'x6' armor outlet
- Install 1-15'x6' armored outlet
- Install 1-120'x6' armored outlet
- Install 1-20'x30' armored outlet
- Install 1-50'x6' armored outlet
- Install 1 240x10 armored rundown along north side of access road near the intersection with Cty RD 8. Rock utilized for this shall be hauled from Cty Rd 12 stock pile yard.

Note: Storm water controls are subject to change slightly based on site conditions once final grade is achieved.

Reclamation

Please see below for the seed mix to be used on the CB-4 Well Pad Construction Project:

Pasture Mix	
SPECIES	LBS/ACRE
SIDEOATS GRAMA NINER	1
SMOOTH BROME	3
BLUE GRAMA	1
ORCHARDGRASS	2
ALFALFA RANGER	1
SAINFOIN	4
SMALL BURNET	4
Total	16

The seeded areas shall be drill seeded if possible or broadcast seeded. If the areas are to be broad caste seeded, the seed needs to be raked in to the soil before the Terra Matrix is applied. Kinder Morgan will not allow the seed to be mixed with the Terra Matrix. The areas can be hydro seeded but the seeding shall be a separate application.

CB-4 Well Pad Storm Water Diagram

Legend

-  CB-4 Well Head
-  Diversion Ditch
-  Protected Culvert
-  Rock Check Dam
-  Wattle
-  Earthen Berm
-  Gate Valve
-  Flowline Corridor
-  Graveled for Industrial Use
-  Rock Armor
-  Soil Pile
-  Tackifier
-  Access ROW
-  Flowline Corridor



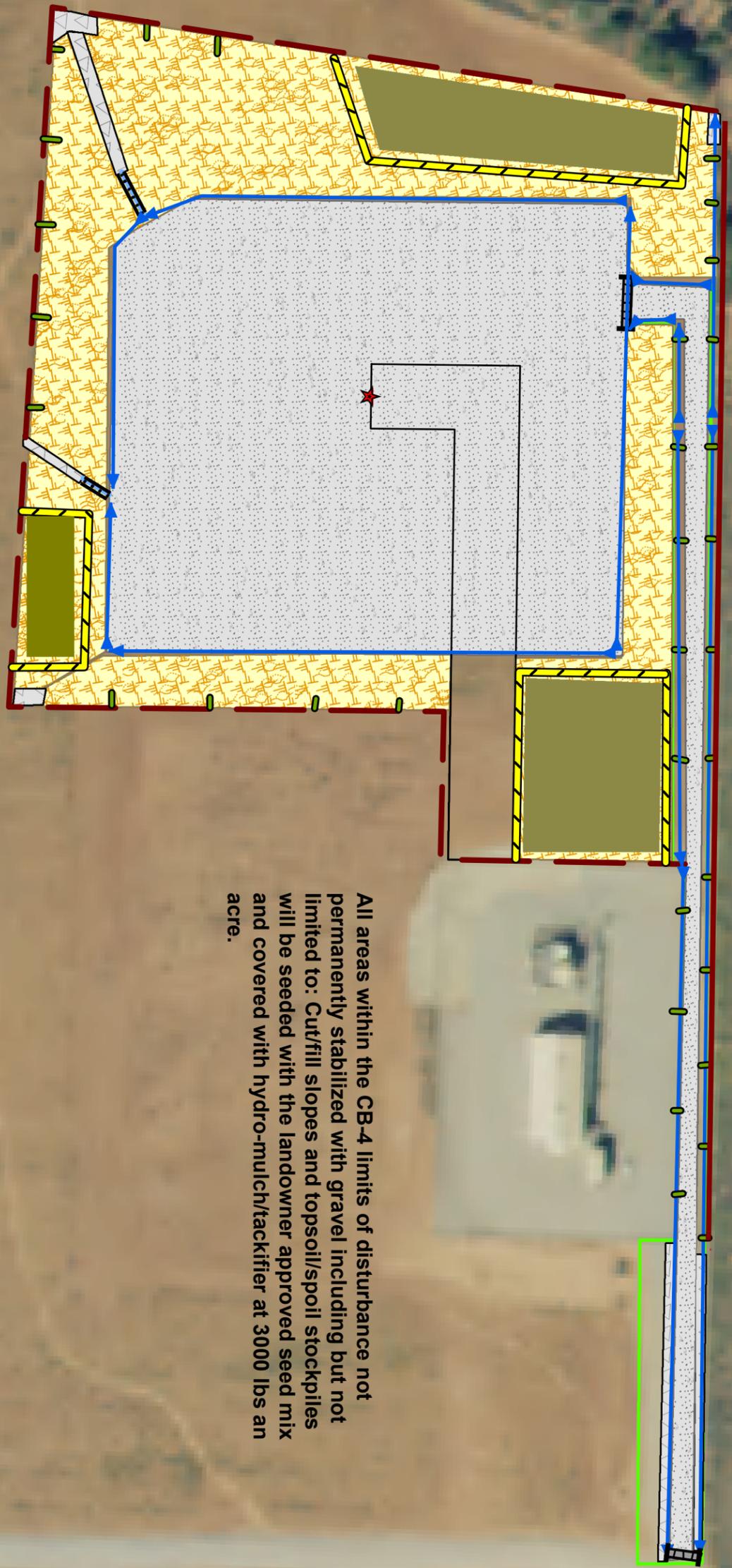
REV. No.	DATE	DRAWN BY	REVISION/DESCRIPTION	ENG. EOOD	PE	APPROVALS

Kinder Morgan



DRAWN BY: Jake Foreman
DATE: 08/16/2019
PAPER SIZE: 11'x17"

All areas within the CB-4 limits of disturbance not permanently stabilized with gravel including but not limited to: Cut/fill slopes and topsoil/spoil stockpiles will be seeded with the landowner approved seed mix and covered with hydro-mulch/tackifier at 3000 lbs an acre.



Lopez, Christopher

From: Forsman, Jake
Sent: Tuesday, September 3, 2019 10:45 AM
To: Brad White (bwhitefarms@yahoo.com)
Cc: Lopez, Christopher
Subject: CB-4 Seed Mix

Brad,

Will you please approve the seed mix below to be planted on your land where the CB-4 Well Pad is to be constructed? All areas not covered with gravel within the limits of disturbance will be seeded with this seed mix and covered with TerraMatrix (Hydromulch/tackifier). The areas to be seeded include but are not limited to: Cut/Fill slopes, and areas of topsoil/spoil storage.

Pasture Mix	
SPECIES	LBS/ACRE
SIDEOATS GRAMA NINER	1
SMOOTH BROME	3
BLUE GRAMA	1
ORCHARDGRASS	2
ALFALFA RANGER	1
SAINFOIN	4
SMALL BURNET	4
Total	16

Please do not hesitate to contact me with any questions or concerns.

Best Regards,

Jake

Jake Forsman
EHS Specialist-CO2

KINDER MORGAN

17801 Highway 491
Cortez, CO 81321
Office: 970-882-5541
Cell: 970-529-3773

jake_forsman@kindermorgan.com

Forsman, Jake

From: Brad White <bwhitefarms@yahoo.com>
Sent: Thursday, September 5, 2019 2:37 PM
To: Forsman, Jake
Subject: I am fine with seed mix Brad White

[This email message was received from the Internet and came from outside of Kinder Morgan]

Sent from my iPhone

Forsman, Jake

From: Brad White <bwhitefarms@yahoo.com>
Sent: Thursday, September 5, 2019 2:37 PM
To: Forsman, Jake
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