

FORM

2

Rev  
12/05

## State of Colorado

## Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

400395229

Date Received:

05/29/2013

PluggingBond SuretyID

20110027

## APPLICATION FOR PERMIT TO:

1. ☒ Drill, ☐ Deepen, ☐ Re-enter, ☐ Recomplete and Operate

## 2. TYPE OF WELL

OIL ☐ GAS ☐ COALBED ☐ OTHER ☐ CO2 lateral ☐  
 SINGLE ZONE ☒ MULTIPLE ☐ COMMINGLE ☐

Refiling ☐Sidetrack ☒

3. Name of Operator: KINDER MORGAN CO2 CO LP

4. COGCC Operator Number: 46685

5. Address: 17801 HWY 491

City: CORTEZ State: CO Zip: 81321

6. Contact Name: Paul Belanger Phone: (970)882-2464 Fax: (970)882-5521

Email: Paul\_Belanger@kindermorgan.com

7. Well Name: DOE CANYON

Well Number: 18

8. Unit Name (if appl): DOE CANYON

Unit Number: 47612X

9. Proposed Total Measured Depth: 9931

## WELL LOCATION INFORMATION

10. QtrQtr: Lot 1 Sec: 13 Twp: 40N Rng: 18W Meridian: N

Latitude: 37.737510

Longitude: -108.801960

Footage at Surface: 1103 feet FNL/FSL 1385 feet FEL/FWL  
 FNL FWL

11. Field Name: DOE CANYON

Field Number: 17210

12. Ground Elevation: 7282

13. County: DOLORES

## 14. GPS Data:

Date of Measurement: 05/11/2013 PDOP Reading: 1.7 Instrument Operator's Name: RJ CAFFEY

15. If well is ☐ Directional ☒ Horizontal (highly deviated) submit deviated drilling plan.

Footage at Top of Prod Zone: FNL/FSL FEL/FWL Bottom Hole: FNL/FSL FEL/FWL  
 1103 FNL 1385 FWL 200 FNL 2329 FWL  
 Sec: 13 Twp: 40N Rng: 18W Sec: 13 Twp: 40N Rng: 18W

16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No

17. Distance to the nearest building, public road, above ground utility or railroad: 3131 ft

18. Distance to nearest property line: 1088 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 4000 ft

## 20. LEASE, SPACING AND POOLING INFORMATION

Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)
Leadville	LDVLL			

21. Mineral Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian Lease #: \_\_\_\_\_22. Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian23. Is the Surface Owner also the Mineral Owner? ☒ Yes ☐ No Surface Surety ID#:23a. If 23 is Yes: Is the Surface Owner(s) signature on the lease? ☐ Yes ☒ No23b. If 23 is No: ☐ Surface Owners Agreement Attached or ☐ \$25,000 Blanket Surface Bond ☐ \$2,000 Surface Bond ☐ \$5,000 Surface Bond

24. Using standard QtrQtr, Sec, Twp, Rng format enter entire mineral lease description upon which this proposed wellsite is located (attach separate sheet/map if you prefer):

Section 13 40N18W: LOTS 1-4, W1/2W1/2; Section 14 40N18W NWSE; SURFACE OWNER/MINERAL OWNER IS SUCCESSOR IN INTEREST TO ORIGINAL LESSOR

25. Distance to Nearest Mineral Lease Line: 200 ft

26. Total Acres in Lease: 331

### DRILLING PLANS AND PROCEDURES

27. Is H2S anticipated? ☒ Yes ☐ No If Yes, attach contingency plan.

28. Will salt sections be encountered during drilling? ☒ Yes ☐ No

29. Will salt (>15,000 ppm TDS CL) or oil based muds be used during drilling? ☒ Yes ☐ No

30. If questions 28 or 29 are yes, is this location in a sensitive area (Rule 901.e)? ☐ Yes ☒ No

31. Mud disposal: ☒ Offsite ☐ Onsite

If 28, 29, or 30 are "Yes" a pit permit may be required.

Method: ☐ Land Farming ☐ Land Spreading ☒ Disposal Facility Other: de-watered by closed loop

Note: The use of an earthen pit for Recompletion fluids requires a pit permit (Rule 905b). If air/gas drilling, notify local fire officials.

Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
CONDUCTOR	20	14	99	0	80	100	80	0
SURF	12+1/4	9+5/8	36	0	2510	1100	2510	0
1ST	8+3/4	7	29/32	0	8551	2600	8551	0
OPEN HOLE	4+3/4			8551	9931			

32. BOP Equipment Type: ☒ Annular Preventer ☒ Double Ram ☒ Rotating Head ☐ None

33. Comments This is the horizontal wellbore. Distance to unit boundary is greater than 5280'

34. Location ID: \_\_\_\_\_

35. Is this application in a Comprehensive Drilling Plan ? ☐ Yes ☐ No

36. Is this application part of submitted Oil and Gas Location Assessment ? ☒ Yes ☐ No

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: \_\_\_\_\_ Print Name: Paul E. Belanger

Title: Regulatory Contractor Date: 5/29/2013 Email: Paul\_Belanger@KinderMorgan

Operator must have a valid water right or permit allowing for industrial use or purchased water from a seller that has a valid water right or permit allowing for industrial use, otherwise an application for a change in type of use is required under Colorado law. Operator must also use the water in the location set forth in the water right decree or well permit, otherwise an application for a change in place of use is required under Colorado law. Section 37-92-103(5), C.R.S. (2011).

Based on the information provided herein, this Application for Permit-to-Drill complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: \_\_\_\_\_

Director of COGCC

Date: 8/17/2013

#### API NUMBER

05 033 06178 01

Permit Number: \_\_\_\_\_ Expiration Date: 8/16/2015

#### CONDITIONS OF APPROVAL, IF ANY:

All representations, stipulations and conditions of approval stated in the Form 2A for this location shall constitute representations, stipulations and conditions of approval for this Form 2 Permit-to-Drill and are enforceable to the same extent as all other representations, stipulations and conditions of approval stated in this Permit-to-Drill.

<b>COA Type</b>	<b>Description</b>
	1) Provide 48 hour notice of spud to COGCC and submit via form 42  2) The operator shall comply with Rule 321 and it shall be the operator's responsibility to ensure that the well bore complies with setback requirements in Commission orders and/or rules prior to producing the well.  3) Run and submit Directional Survey for primary well bore and for each lateral section

### **Attachment Check List**

<b>Att Doc Num</b>	<b>Name</b>
400395229	FORM 2 SUBMITTED
400395244	OTHER
400395245	H2S CONTINGENCY PLAN
400417088	PLAT
400419222	OIL & GAS LEASE
400419280	DEVIATED DRILLING PLAN
400419286	DIRECTIONAL DATA
400426026	DRILLING PLAN

Total Attach: 8 Files

### **General Comments**

<b>User Group</b>	<b>Comment</b>	<b>Comment Date</b>
Permit	Final review completed; no LGD or public comment received.	8/12/2013 11:50:05 AM
Permit	This permit is the lateral of a pilot/lateral drilling plan and this permit should have a sidetrack designation in the API number.	6/3/2013 10:36:24 AM
Permit	Operator removed the bond. P. Belanger	6/3/2013 10:25:21 AM

Total: 3 comment(s)

### **Best Management Practices**

<b>No</b>	<b>BMP/COA Type</b>	<b>Description</b>