

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:

400395190

Date Received:

APPLICATION FOR PERMIT TO:

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

2. TYPE OF WELL

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

Refiling ☐

Sidetrack ☐

PluggingBond SuretyID

2011027

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: 14

8. Unit Name (if appl): DOE CANYON Unit Number: 47612X

9. Proposed Total Measured Depth: 10451

WELL LOCATION INFORMATION

10. QtrQtr: SWSE Sec: 14 Twp: 40N Rng: 18W Meridian: N

Latitude: 37.728770 Longitude: -108.814940

Footage at Surface: 987 feet FNL/FSL FSL 2384 feet FEL/FWL FEL

11. Field Name: DOE CANYON Field Number: 17210

12. Ground Elevation: 7105 13. County: DOLORES

14. GPS Data:

Date of Measurement: 03/22/2013 PDOP Reading: 1.6 Instrument Operator's Name: R J CAFFEY

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

Footage at Top of Prod Zone: FNL/FSL 987 FSL 2384 FEL FEL Bottom Hole: FNL/FSL 2284 FNL 2376 FEL FEL
Sec: 14 Twp: 40N Rng: 18W Sec: 14 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: 2465 ft

18. Distance to nearest property line: 245 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 3610 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 ☐ Indian

23. Is the Surface Owner also the Mineral Owner? ☐ Yes ☒ No Surface Surety ID#: 20080051

23a. If 23 is Yes: Is the Surface Owner(s) signature on the lease? ☐ Yes ☐ No

23b. 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):

40N/18W: 4 LEASES ATTACHED THAT INVOLVE THE SWNE, NWSE AND SWSE, SOME SHARED AND OTHER SECTIONS AND PORTIONS THEREOF NOT PERTINENT TO THIS DRILL PATH for a total of 1771 acres (see attached leases).

25. Distance to Nearest Mineral Lease Line: 250 ft

26. Total Acres in Lease: 1771

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	2,411	1,100	2,411	0
1ST	8+3/4	7	29&32	0	8,380	2,400	8,380	0
OPEN HOLE	4+3/4		0	8380				8,380

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

33. Comments This is the APD for the horizontal borehole. The nearest producer DC9 to the NW. We are in the process of getting to COGCC a correctly updated map that reflects the proper unit boundaries and areas of all leases that have been incorporated into the unit. The nearest unit boundary is in reality over 5280'; however if one looks at the COGCC UNIT MAP (copy attached), it is 4660' due to a blank area occupied by DC7. The attached map will show the DC7 in an apparent undesignated area. However the area in white shown by the DC #7 is a Lease owned by Chevron, which has been pooled and unitized within the Doe Canyon Unit. ALL these lands & leases lie within the Exterior boundary of the Doe Canyon Unit, including the White DC #7 area.

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: _____ Email: Paul_Belanger@KinderMorgan.

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: _____

API NUMBER

05

Permit Number: _____ Expiration Date: _____

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.

Data retrieval failed for the subreport 'IntPolicy_NTO' located at: W:\data\pub\Net\Report\policy_nto.rdl. Please check th

Attachment Check List

Att Doc Num	Name
400395222	H2S CONTINGENCY PLAN
400395224	OTHER
400402046	LEGAL/LEASE DESCRIPTION
400402048	LEGAL/LEASE DESCRIPTION
400402050	LEGAL/LEASE DESCRIPTION
400402052	LEGAL/LEASE DESCRIPTION
400402080	DRILLING PLAN
400405892	LEGAL/LEASE DESCRIPTION
400405895	LEGAL/LEASE DESCRIPTION
400405899	DEVIATED DRILLING PLAN
400405901	DIRECTIONAL DATA
400406079	WELL LOCATION PLAT
400406946	UNIT CONFIGURATION MAP

Total Attach: 13 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)

BMP

<u>Type</u>	<u>Comment</u>

Total: 0 comment(s)