

FORM
2

Rev
12/05

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



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Document Number:

400115333

Plugging Bond Surety

APPLICATION FOR PERMIT TO:

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

2. TYPE OF WELL

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

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: 4

8. Unit Name (if appl): Doe Canyon Unit Number: 47612X

9. Proposed Total Measured Depth: 8908

WELL LOCATION INFORMATION

10. QtrQtr: LOT 27 Sec: 6 Twp: 40N Rng: 17W Meridian: N

Latitude: 37.749859 Longitude: -108.774020

Footage at Surface: 335 feet FNL/FSL FSL 1465 feet FEL/FWL FWL

11. Field Name: Doe Canyon Field Number: 17210

12. Ground Elevation: 7583 13. County: DOLORES

14. GPS Data:

Date of Measurement: 11/13/2009 PDOP Reading: 6.0 Instrument Operator's Name: Geral G. Huddleston

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 _____

Sec: _____ Twp: _____ Rng: _____ Sec: _____ Twp: _____ Rng: _____

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: 190 ft

18. Distance to nearest property line: 2950 ft 19. Distance to nearest well permitted/completed in the same formation: 2600 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 #: C0C-009415

22. Surface Ownership: ☐ Fee ☐ State ☒ Federal ☐ Indian

23. 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 ☐ No

23b. If 23 is No ☐ Surface Owners Agreement Attached or ☐ \$25,000 Blanket Surface Bon ☐ \$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):

see attached lease, BLM legal lease description and lease map; total acreage on legal lease and COGCC map is 1254.42 ac and is correct vs the older lease that may have been re-surveyed or parsed out of the description.

25. Distance to Nearest Mineral Lease Line: 1450 ft 26. Total Acres in Lease: 1254

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

Method: ☐ Land Farming ☐ Land Spreading ☐ Disposal Facility Other: de-water and cover

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	24	14			80	40	80	0
SURF	12+1/4	9+5/8	36		2,878	950	2,878	0
1ST	8+3/4	7	29		8,733	1,700	8,733	0
OPEN HOLE	6				8,908	100	8,908	8,733

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

33. Comments This well is the Pilot hole for the planned lateral that was later completed; DC-4 form 1754079 for the original horizontal APD for API 05-033-06137-00 DC-4 horizontal well originally permitted. Changing 00 suffix to pilot hole and 01 suffix for the horizontal well.

34. Location ID: 322133

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: 12/10/2010 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: David S. Nash Director of COGCC Date: 2/18/2011

API NUMBER

05 033 06137 00

Permit Number: _____ Expiration Date: 2/17/2013

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.

- 1) Provide 48 hour notice of spud to COGCC field inspector Leslie Melton (970) 375-6419 or les.melton@state.co.us
- 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
- 4) Submit CBL on 7" production casing

Attachment Check List

Att Doc Num	Name
400115333	FORM 2 SUBMITTED
400115470	H2S CONTINGENCY PLAN
400115471	DRILLING PLAN
400115472	LEASE MAP
400115473	FED. DRILLING PERMIT
400115474	TOPO MAP
400115475	WELL LOCATION PLAT
400115476	OIL & GAS LEASE
400115502	LEGAL/LEASE DESCRIPTION

Total Attach: 9 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	PERMITTING PASSED- JLV	2/17/2011 5:00:26 PM
Permit	Change Suffix JLV	12/28/2010 2:21:25 PM

Total: 2 comment(s)

BMP

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

Total: 0 comment(s)