

**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

Document Number:  
400224186

PluggingBond SuretyID  
20110027

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: 13

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

9. Proposed Total Measured Depth: 8768

**WELL LOCATION INFORMATION**

10. QtrQtr: TRK 69    Sec: 9    Twp: 40N    Rng: 18W    Meridian: N  
Latitude: 37.750750      Longitude: -108.851690

Footage at Surface:      1560    feet      FNL/FSL      FNL      2437    feet      FEL/FWL      FEL

11. Field Name: MCELMO      Field Number: 53674

12. Ground Elevation: 7091      13. County: DOLORES

14. GPS Data:  
Date of Measurement: 09/20/2011    PDOP Reading: 3.2    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      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: 1486 ft

18. Distance to nearest property line: 215 ft    19. Distance to nearest well permitted/completed in the same formation(BHL): 5280 ft

**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):

tracts 69 below surface and vertical pilot, the well will continue horizontally going to the Northwest (az. 300 degrees) and crossing a small portion of tract 68 and continuing into the Horizontal BHL of tract 67. Distance to nearest unaffected lease line for this well is about 725' (tract 70). See attached leases (tracts 69, 68 and 67) = 681 ac.; only tract 69 involved for vertical pilot.

25. Distance to Nearest Mineral Lease Line: 720 ft                      26. Total Acres in Lease: 681

**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-water/cover;salt disp. fclt

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	20		0	80	100	80	0
SURF	12+1/4	9+5/8	36	0	2,471	965	2,471	0
1ST	8+3/4	7	29&32	0	8,393	1,490	8,393	0
OPEN HOLE	6			8393	8,768	100		8,393

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

33. Comments    This is the vertical pilot hole for a subsequent planned horizontal completion; see APD docnum 400224201. Form 15 pit permit being submitted for 2 pits: pit 1 for most of the cuttings will be left on-site, de-watered and covered; Salt section cuttings and muds in vertical pilot will be de-watered and solids hauled offsite to disposal facility.

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**                      Permit Number: \_\_\_\_\_                      Expiration Date: \_\_\_\_\_

**05**                      **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.**

\_\_\_\_\_

### Attachment Check List

Att Doc Num	Name
400234225	ACCESS ROAD MAP
400234227	CONST. LAYOUT DRAWINGS
400234229	LEASE MAP
400234230	WELL LOCATION PLAT
400234233	H2S CONTINGENCY PLAN
400234235	OTHER
400234236	DRILLING PLAN
400235640	LEGAL/LEASE DESCRIPTION

Total Attach: 8 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)