

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:

400389111

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

20110027

3. Name of Operator: KINDER MORGAN CO2 CO LP4. COGCC Operator Number: 466855. Address: 17801 HWY 491City: CORTEZ State: CO Zip: 813216. Contact Name: Paul Belanger Phone: (970)882-2464 Fax: (970)882-5521Email: Paul_Belanger@kindermorgan.com7. Well Name: DOE CANYON Well Number: 158. Unit Name (if appl): DOE CANYON Unit Number: 47612X9. Proposed Total Measured Depth: 10563

WELL LOCATION INFORMATION

10. QtrQtr: SESW Sec: 11 Twp: 40N Rng: 18W Meridian: NLatitude: 37.743470 Longitude: -108.819420

Footage at Surface: 1069 feet FNL/FSL 1610 feet FEL/FWL FWL

11. Field Name: DOE CANYON Field Number: 1721012. Ground Elevation: 7227 13. County: DOLORES

14. GPS Data:

Date of Measurement: 01/23/2013 PDOP Reading: 1.9 Instrument Operator's Name: R J CAFFEY15. If well is ☐ Directional ☒ Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL 1069 FSL 1610 FWL 2274 FEL/FWL 1099 FWL FWL
 Sec: 11 Twp: 40N Rng: 18W Sec: 11 Twp: 40N Rng: 18W

16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No17. Distance to the nearest building, public road, above ground utility or railroad: 268 ft18. Distance to nearest property line: 242 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 2420 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):

4 leases that include the pertinent QTRQTRs: SESW, NESW, NWSW and SWNW described as SESW (Todd lease), Blackham lease that includes remaining QTRQTRs of SW1/4, (and that includes other QTRQTRs of Sections or portions thereof of 40N18W). Nearest lease appears to be that of the SE QTR at about 1024'.

25. Distance to Nearest Mineral Lease Line: 1024 ft

26. Total Acres in Lease: 2575

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		0	80	100	80	0
SURF	12+1/4	9+5/8	36	0	2,519	1,100	2,519	0
1ST	8+3/4	7	29&32	0	8,488	2,200	8,488	0
OPEN HOLE	4+3/4			8488				

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

33. Comments THIS IS THE HORIZONTAL WELLBORE (SIDETRACK) following the pilot hole drilling, logging, casing and choosing a KOP for this wellbore.

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.

Date retrieval failed for the subreport 'IntPolicy_NTO' located at: W:\Inetpub\Net\Reports\policy_nto.rdl. Please check th

Attachment Check List

Att Doc Num	Name
400389192	OTHER
400389193	H2S CONTINGENCY PLAN
400389194	WELL LOCATION PLAT
400389206	DIRECTIONAL DATA
400389207	DIRECTIONAL DATA
400395055	SURFACE AGRMT/SURETY
400395059	DRILLING PLAN
400395099	OIL & GAS LEASE
400395100	OIL & GAS LEASE
400395105	OIL & GAS LEASE
400395109	OIL & GAS LEASE

Total Attach: 11 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)