

FORM
2Rev
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



DE ET OE ES

Document Number:

400205323

PluggingBond SuretyID

APPLICATION FOR PERMIT TO:

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

2. TYPE OF WELL

OIL ☐ GAS ☐ COALBED ☐ OTHER ☐ Monitor BH Pressure
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: Federal 15-40-17

Well Number: 1X

8. Unit Name (if appl): Doe Canyon

Unit Number: 47612X

9. Proposed Total Measured Depth: 9165

WELL LOCATION INFORMATION

10. QtrQtr: SWNE Sec: 15 Twp: 40N Rng: 17W Meridian: N

Latitude: 37.728190

Longitude: -108.707910

Footage at Surface: 2265 feet FNL/FSL 1655 feet FEL/FWL
FNL FEL

11. Field Name: MCELMO

Field Number: 53674

12. Ground Elevation: 7788

13. County: DOLORES

14. GPS Data:

Date of Measurement: 09/21/2011 PDOP Reading: 2.5 Instrument Operator's Name: Gerald 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: 1100 ft

18. Distance to nearest property line: 5280 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 5280 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 #: COC00775022. 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):

TR IS UNSURVEYED; APPROXIMATE LOCATION IS SWNE 15 40N17W NMPM.

25. Distance to Nearest Mineral Lease Line: 1660 ft

26. Total Acres in Lease: 2560

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: Transport any cuttings/waste

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	65	110	65	0
SURF	17+1/2	13+3/8	48	0	1,657	850	1,657	0
1ST	12+1/4	9+5/8	38	0	2,862	400	2,862	1,339
2ND	8+3/4	7	23/26/32	0	9,235	1,350	9,235	5,085

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

33. Comments This is a re-entry of Shell's (SWEPI - oprnum 78110) P&A well for purposes of monitoring field pressure. New plat submitted to correct location of wellbore originally measured NAD27 in un-surveyed TRs. Well is already cased and reported. A Federal APD was not needed in that they never got to completing the P&A paper work and only requested a sundry. Casing - no new casing - see embedded wellbore diagrams in drilling plan for changes in WB for this monitoring. H2S: The well is cased; nevertheless there is the unexpected possibility that we could encounter H2S should casing have failed. We will take our normal precautions to protect by use of monitors and a presence of our typical Safety Company presence (see attached H2S contingency plan for re-entry).

34. Location ID: 381551

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: 10/12/2011 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. Nashin

Director of COGCC Date: 11/16/2011

API NUMBER

05 033 06031 00

Permit Number: _____ Expiration Date: 11/15/2013

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.

None- BLM jurisdiction

Attachment Check List

Att Doc Num	Name
400205323	FORM 2 SUBMITTED
400207072	WELL LOCATION PLAT
400207525	FED. SUNDRY NOTICE
400214051	H2S CONTINGENCY PLAN
400214071	DRILLING PLAN

Total Attach: 5 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Final review completed. BY	11/16/2011 10:20:22 AM

Total: 1 comment(s)

BMP

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

Total: 0 comment(s)