

FORM
5Rev
02/08State 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:

400130726

DRILLING COMPLETION REPORT

This form is to be submitted within 30 days of the setting of production casing, the plugging of a dry hole, the deepening or sidetracking of a well, or any time the wellbore configuration is changed. If the well is deepened or sidetracked a new Form 5 is required. If an attempt has been made to complete/produce a well, then the operator shall submit Form 5A (Completed Interval Report.) If the well has been plugged, a form 6 (Well Abandonment Report) is required.

Completion Type ☒ Final completion ☐ Preliminary completion

1. OGCC Operator Number: 46685 4. Contact Name: Paul Belanger
2. Name of Operator: KINDER MORGAN CO2 CO LP Phone: (970) 882-2464
3. Address: 17801 HWY 491 Fax: (970) 882-5521
City: CORTEZ State: CO Zip: 81321

5. API Number 05-083-06438-00 6. County: MONTEZUMA
7. Well Name: MCELMO DOME UNIT 31-37-17 Well Number: MC-5
8. Location: QtrQtr: NESW Section: 31 Township: 37N Range: 17W Meridian: N
Footage at surface: Distance: 1380 feet Direction: FSL Distance: 1929 feet Direction: FWL
As Drilled Latitude: 37.416740 As Drilled Longitude: -108.767181

GPS Data:

Data of Measurement: 11/11/2009 PDOP Reading: 3.5 GPS Instrument Operator's Name: Gerald G. Huddleston

** If directional footage

at Top of Prod. Zone Distance: 1429 feet Direction: FSL Distance: 1987 feet Direction: FWL
Sec: 31 Twp: 37N Rng: 17W
at Bottom Hole Distance: 2344 feet Direction: FSL Distance: 2380 feet Direction: FEL
Sec: 31 Twp: 37N Rng: 17W

9. Field Name: MCELMO 10. Field Number: 5367411. Federal, Indian or State Lease Number: fee12. Spud Date: (when the 1st bit hit the dirt) 09/22/2010 13. Date TD: 10/19/2010 14. Date Casing Set or D&A: 08/13/2010

15. Well Classification:

☐ Dry ☐ Oil ☐ Gas/Coalbed ☐ Disposal ☐ Stratigraphic ☐ Enhanced Recovery ☐ Storage ☐ Observation16. Total Depth MD 9473 TVD 8193 17 Plug Back Total Depth MD 9230 TVD 820518. Elevations GR 6762 KB 6793

One paper copy of all electric and mud logs must be submitted, along with one digital LAS copy as available.

19. List Electric Logs Run:

mud log, RTEX/MLL, ZDL/CN/GR/, CCL/GR

These logs are labelled "pilot hole logs" but are new runs for logging done as part of the completion of the horizontal lateral hole.

PAPER LOGS SUBMITTED WITH 2/7/2011 COVER LETTER

20. Casing, Liner and Cement:

CASING

Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Top	Cmt Bot	Status
OPEN HOLE	4+3/4			8052			8,052		CALC

ADDITIONAL CEMENT

Cement work date: 08/03/2010

Details of work:

Once well was logged and KOP determined a "whipstock" cement plug was set and drilled to 9473' horizontally. The open hole was then cemented back in 2 stages to 9260' due to water.

See wellbore diagram for production/surface casing-cement info for original pilot hole portion drilled in 1985. Below are the details associated for completing the horizontal lateral

Pilot Hole Cement

Date cmt'd:

Lead : 135 sxs of Class "G" cement w/

3% KCl + 0.6% HR-5 + 0.15% HR-25

Note : Plug back pilot hole with cement from 8047' - 8277'

drill cement out to KOP at 8052'

LATERAL Cement Plugs due to Water Flow

Lateral Open Hole Cement Retainer 9355' MD

Lateral Cmt Plug 1 - pumped 100 sxs Class G

Cement Plug from 9355' MD to 9473' MD

Lateral Open Hole Cement Retainer 9260' MD

Lateral Cmt Plug 2 - pumped 25 sxs Class G

Cement Plug from 9260' MD to 9355' MD

Completion: Ran 4-1/2" 12.75# NK3SB tubing

Acid Job Pumped: _____ gals 28% HCL acid

Method used	String	Cementing tool setting/pref depth	Cement volume	Cement top	Cement bottom
PERF & PUMP	OPEN HOLE	9,355	100	9,355	9,473
PERF & PUMP	OPEN HOLE	9,260	25	9,260	9,355

21. Formation log intervals and test zones:

FORMATION LOG INTERVALS AND TEST ZONES

FORMATION NAME	Measured Depth		Check if applies		COMMENTS (All DST and Core Analyses must be submitted to COGCC)
	Top	Bottom	DST	Cored	
LEADVILLE	8,016	8,225	<input type="checkbox"/>	<input type="checkbox"/>	

Comment:

Horizontal completion from an old wellbore to increase CO2 production.

Top of production starts at KOP/8052' bottom of production at top of cement plug @9260'

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 Consultant

Date: _____

Email: Paul_Belanger@KinderMorgan.com

Attachment Check List

Att Doc Num	Name
400130766	PDF-MUD
400130769	DIRECTIONAL SURVEY
400130770	CEMENT JOB SUMMARY
400130964	LAS-LATEROLOG
400130965	LAS-DENSITY/NEUTRON
400130971	WELLBORE DIAGRAM
400131662	TIF-LATEROLOG
400131665	TIF-DENSITY/NEUTRON
400131666	TIF-DENSITY
400131667	TIF-SONIC

Total Attach: 10 Files

General Comments

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

Total: 0 comment(s)