

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:

400131217

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 05-083-06527-01 6. County: MONTEZUMA
7. Well Name: SANDY CANYON UNIT Well Number: 8
8. Location: QtrQtr: NWSE Section: 7 Township: 36N Range: 18W Meridian: N
Footage at surface: Distance: 1665 feet Direction: FSL Distance: 2571 feet Direction: FEL
As Drilled Latitude: 37.389680 As Drilled Longitude: -108.872774

GPS Data:

Data of Measurement: 11/24/2009 PDOP Reading: 3.1 GPS Instrument Operator's Name: Gerald G. Huddleston

** If directional footage

at Top of Prod. Zone Distance: 1700 feet Direction: FSL Distance: 2595 feet Direction: FEL
Sec: 7 Twp: 36N Rng: 18W
at Bottom Hole Distance: 161 feet Direction: FNL Distance: 2595 feet Direction: FEL
Sec: 18 Twp: 36N Rng: 18W

9. Field Name: MCELMO 10. Field Number: 53674
11. Federal, Indian or State Lease Number: C0C-19737

12. Spud Date: (when the 1st bit hit the dirt) 08/21/2011 13. Date TD: 09/12/2010 14. Date Casing Set or D&A: 11/27/1990

15. Well Classification:

☐ Dry ☐ Oil ☒ Gas/Coalbed ☐ Disposal ☐ Stratigraphic ☐ Enhanced Recovery ☐ Storage ☐ Observation16. Total Depth MD 9700 TVD 7875 17 Plug Back Total Depth MD 7769 TVD 776718. Elevations GR 6399 KB 6412

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:

MUDLOG; CBL; CAST-M PIPE INSPECTION; ZDL/CN/GR; TREX/MLL/GR; CCL/GR; BH PROFILE/GR; advanced cement eval.
LAS ATTACHED FROM PETRA DB; PAPER LOGS SUBMITTED WITH 2/9/2011 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			7769	9,700		7,769		CALC

ADDITIONAL CEMENT

Cement work date: 08/23/2010

Details of work:

After the original wellbore was reentered, logged and a KOP determined, a "whipstock" plug was set on 8/23 and the horizontal completed to 9700'. See the wellbore diagram for details.

Below is a copy of the original wellbore casing completions back in 1990:

Conductor Cement

cement with ready-mix to surface

Surface Cement

Date Cemented: 11/13/1990

Lead : 1600 sx 35/65 POZ G, yield 1.84

Tail : 300 sx class G @ 15.6 ppg, yield 1.18

Note : Bumped plug, floats held, cmt to surface

Prod Cement

Date Cemented: 11/27/1990

Lead: 350 SX

Tail: 2900 SX Class G + 100 sx Reg G

Method used	String	Cementing tool setting/pref depth	Cement volume	Cement top	Cement bottom

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	
MORRISON	422		<input type="checkbox"/>	<input type="checkbox"/>	
SUMMERVILLE	970		<input type="checkbox"/>	<input type="checkbox"/>	
CUTLER	2,646		<input type="checkbox"/>	<input type="checkbox"/>	
HONAKER TRAIL	4,476		<input type="checkbox"/>	<input type="checkbox"/>	
PARADOX	5,432		<input type="checkbox"/>	<input type="checkbox"/>	
DESERT CREEK	5,865		<input type="checkbox"/>	<input type="checkbox"/>	
MOLAS	7,594		<input type="checkbox"/>	<input type="checkbox"/>	
LEADVILLE	7,710		<input type="checkbox"/>	<input type="checkbox"/>	

Comment:

Horizontal completion from an old wellbore to increase CO2 production. Spud date given is spud date for starting horizontal wellbore. Top of production starts at KOP/7769'; bottom of production at bottom of open hole = 9700'

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
400131668	LAS-ELECTRONIC
400131686	PDF-MUD
400131687	PDF-CEMENT BOND
400131778	WELL LOCATION PLAT
400131779	DIRECTIONAL SURVEY
400131798	OTHER
400131800	TIF-CEMENT BOND
400131802	PDF-CALIPER
400131803	PDF-DENSITY/NEUTRON
400131806	PDF-MICROLOG
400131819	WELLBORE DIAGRAM
400131820	CEMENT JOB SUMMARY

Total Attach: 12 Files

General Comments

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

Total: 0 comment(s)