

FORM  
5

Rev  
02/08

State of Colorado

Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



DE ET OE ES

Document Number:

400505454

Date Received:

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 05-083-06702-00 6. County: MONTEZUMA  
7. Well Name: HA Well Number: 5  
8. Location: QtrQtr: SENE Section: 29 Township: 38N Range: 18W Meridian: N  
Footage at surface: Distance: 1610 feet Direction: FNL Distance: 272 feet Direction: FEL  
As Drilled Latitude: 37.525450 As Drilled Longitude: -108.847670

GPS Data:

Data of Measurement: 10/17/2012 PDOP Reading: 1.9 GPS Instrument Operator's Name: R J CAFFEY

\*\* If directional footage at Top of Prod. Zone Dist.: feet. Direction: Dist.: feet. Direction:

Sec: Twp: Rng:

\*\* If directional footage at Bottom Hole Dist.: feet. Direction: Dist.: feet. Direction:

Sec: Twp: Rng:

9. Field Name: MCELMO 10. Field Number: 53674

11. Federal, Indian or State Lease Number:

12. Spud Date: (when the 1st bit hit the dirt) 09/21/2013 13. Date TD: 10/15/2013 14. Date Casing Set or D&A: 10/12/2013

15. Well Classification:

☐ Dry ☐ Oil ☒ Gas/Coalbed ☐ Disposal ☐ Stratigraphic ☐ Enhanced Recovery ☐ Storage ☐ Observation

16. Total Depth MD 8320 TVD\*\* 17 Plug Back Total Depth MD 8320 TVD\*\*

18. Elevations GR 6742 KB 6767 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; OH logs, CBL and image log.

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
CONDUCTOR	20	14	56	0	105	100		105	
SURF	12+1/4	9+5/8	36	0	2,873	1,150		2,873	
1ST	8+3/4	7	29/32	0	8,218	240		8,218	
OPEN HOLE	6			8218	8,320		8,218		

### STAGE/TOP OUT/REMEDIAL CEMENT

Cement work date: 10/12/2013

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

Details of work:

#### Conductor Casing

Size 14 in

Set at 105 ft Conductor @ 105 ft

#### Surface Casing

Size 9-5/8 in

Set at 2873 ft

Wt. 36 ppf Grade J-55 surface to 2873 ft

Hole Size 12-1/4 in

Est. T.O.C. surface ft

Csg Shoe @ 2873 ft

#### Production Casing

Size 7 in

Wt. 29 ppf Grade 13 CR from surface to 5960 ft

Wt. 32 ppf Grade 13 CR from 5960 to 7859 ft

Wt. 29 ppf Grade 13 CR from 7859 to 8218 ft

Hole Size 8-3/4 in

Est. T.O.C. 680 ft

Tubing Run Date: NA

#### Conductor Cement

cement with ready-mix to surface

#### Surface Cement

Date Cemented: 9/24/2013

Lead : 800 sx Lite, 1/8# Poly-E-Flake, .1% Halad®-9,  
5# Kol-seal

Tail : 300 sx Class G, .1% Halad®-9, 1/8# Poly-E-Flake

Note : circ 70 bbls to pits, top out w/ 50 sx (1")

#### Prod Cement

Date Cemented: 10/12/2013

Lead: 1800 sx 50/50/POZ, .2% Halad 766, .2% Versaset,  
1.5% Chem-Foamer 760

Tail: 300 sx 50/50/POZ, .2% Halad 766, .2% Versaset

Note : 100 sx top job to surface, circ 125 bbls to pits

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	
ENTRADA	1,158		<input type="checkbox"/>	<input type="checkbox"/>	
CHINLE	1,914		<input type="checkbox"/>	<input type="checkbox"/>	
SHINARUMP	2,603		<input type="checkbox"/>	<input type="checkbox"/>	
CUTLER	2,696		<input type="checkbox"/>	<input type="checkbox"/>	
HERMOSA	4,571		<input type="checkbox"/>	<input type="checkbox"/>	
PARADOX	5,525		<input type="checkbox"/>	<input type="checkbox"/>	
DESERT CREEK	5,924		<input type="checkbox"/>	<input type="checkbox"/>	
MOLAS	8,062		<input type="checkbox"/>	<input type="checkbox"/>	
LEADVILLE	8,194		<input type="checkbox"/>	<input type="checkbox"/>	

Comment:

vertical well. As drilled lat/long will be submitted via sundry at a later date.

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	Document Name	attached ?			
<u>Attachment Checklist</u>					
400507044	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
	Directional Survey **	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
	DST Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
	Logs	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Other	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
<u>Other Attachments</u>					
400507042	WELLBORE DIAGRAM	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400507055	PDF-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400507056	LAS-POROSITY	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400507057	PDF-POROSITY	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400507058	LAS-GAMMA RAY	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400507060	PDF-GAMMA RAY	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400507061	PDF-INDUCTION	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400507064	PDF-CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400507828	PDF-FORMATION MICRO SCAN	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400507844	LAS-DUAL INDUCTION	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

### General Comments

User Group

Comment

Comment Date

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Total: 0 comment(s)