

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:

400482886

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 05-033-06176-01

6. County: DOLORES

7. Well Name: DOE CANYON

Well Number: 15

8. Location: QtrQtr: SESW Section: 11 Township: 40N Range: 18W Meridian: N

Footage at surface: Distance: 1069 feet Direction: FSL Distance: 1610 feet Direction: FWL

As Drilled Latitude: 37.743470 As Drilled Longitude: -108.819420

GPS Data:

Date of Measurement: 01/23/2013 PDOP Reading: 1.9 GPS Instrument Operator's Name: R J CAFFEY

** If directional footage at Top of Prod. Zone Dist.: 1165 feet. Direction: FSL Dist.: 1673 feet. Direction: FWL

Sec: 11 Twp: 40N Rng: 18W

** If directional footage at Bottom Hole Dist.: 2262 feet. Direction: FNL Dist.: 1138 feet. Direction: FWL

Sec: 11 Twp: 40N Rng: 18W

9. Field Name: DOE CANYON

10. Field Number: 17210

11. Federal, Indian or State Lease Number:

12. Spud Date: (when the 1st bit hit the dirt) 07/23/2013 13. Date TD: 09/07/2013 14. Date Casing Set or D&A: 08/20/2013

15. Well Classification:

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

16. Total Depth MD 10529 TVD** 8677 17 Plug Back Total Depth MD 10529 TVD** 8677

18. Elevations GR 7227 KB 7250

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; NOW MWD logs - KM relies on mudlog lithology picks for drilling

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	24	20	57	0	105	100	0	105	VISU
SURF	12+1/4	9+3/8	36	0	2,545	1,243	0	2,425	CALC
1ST	8+3/4	7	29&32	0	8,525	2,415	0	8,525	CALC
OPEN HOLE	4+3/4		0	8530			8,530		CALC

STAGE/TOP OUT/REMEDIAL CEMENT

Cement work date: 08/20/2013

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

Details of work:

Conductor Casing

Size 20 in

Set at 105 ft Conductor @ 105 ft

Surface Casing

Size 9-5/8 in

Set at 2545 ft

Wt. 36 ppf Grade J-55 surface to 2545 ft

Hole Size 12-1/4 in

Est. T.O.C. surface ft

Csg Shoe @ 2545 ft

Production Casing

Size 7 in

Wt. 29 ppf Grade 13 CR from surface to 5780 ft

Wt. 32 ppf Grade 13 CR from 5780 to 8364 ft

Wt. 29 ppf Grade 13 CR from 8364 to 8525 ft

Hole Size 8-3/4 in

Est. T.O.C. surface ft

Tubing Run Date: NA

Conductor Cement

cement with ready-mix to surface

Surface Cement

Date Cemented: 7/28/2013

Lead : 800 sx Lite, 5# kol-seal, 1/8# poly-e-flake

Tail : 300 sx Class G, .1% Halad®-9, 1/8# poly-e-flake

Note : Circ 143bbbls to pits, top out w/ 40 sx Class G

Prod Cement

Date Cemented: 8/20/2013

Lead : 2000 sx Elastiseal™, .2% Versaset, .2% Halad-766

1.5% Chem-foamer 760

Tail : 300 sx Halcem, .2% Versaset, .2% Halad-766

Note : circ 115 bbls to pits, 100 sx Halcem cap cmt

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	1,058		<input type="checkbox"/>	<input type="checkbox"/>	
CHINLE	1,747		<input type="checkbox"/>	<input type="checkbox"/>	
SHINARUMP	2,001		<input type="checkbox"/>	<input type="checkbox"/>	
CUTLER	2,146		<input type="checkbox"/>	<input type="checkbox"/>	
HERMOSA	4,275		<input type="checkbox"/>	<input type="checkbox"/>	
PARADOX	5,330		<input type="checkbox"/>	<input type="checkbox"/>	
DESERT CREEK	5,726		<input type="checkbox"/>	<input type="checkbox"/>	
MOLAS	8,429		<input type="checkbox"/>	<input type="checkbox"/>	
LEADVILLE	8,493		<input type="checkbox"/>	<input type="checkbox"/>	

Comment:

Horizontal completion report. Paradox top supercedes previous submission.
As drilled will come via sundry once received from survey.

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>					
	CMT Summary *	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
400497144	Directional Survey **	Yes	<input checked="" type="checkbox"/>	No	<input 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>					
400494498	PDF-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400497143	WELLBORE DIAGRAM	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400497151	DIRECTIONAL DATA	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

General Comments

User Group

Comment

Comment Date

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Total: 0 comment(s)