

**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:

400347589

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 05-033-06078-00

6. County: DOLORES

7. Well Name: DWD

Well Number: 1

8. Location: QtrQtr: NENE Section: 19 Township: 40N Range: 17W Meridian: N

Footage at surface: Distance: 240 feet Direction: FNL Distance: 240 feet Direction: FEL

As Drilled Latitude: 37.719443 As Drilled Longitude: -108.757903

GPS Data:

Data of Measurement: 11/10/2009 PDOP Reading: 2.5 GPS Instrument Operator's Name: Gerald G. Huddleston

** 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: DOE CANYON

10. Field Number: 17210

11. Federal, Indian or State Lease Number: N/A

12. Spud Date: (when the 1st bit hit the dirt) 11/01/1983 13. Date TD: 09/13/2012 14. Date Casing Set or D&A: 12/06/1983

15. Well Classification:

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

16. Total Depth MD 9500 TVD** 17 Plug Back Total Depth MD 9500 TVD**

18. Elevations GR 7276 KB 7305

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 casing inspection. A distribution list was sent to all logging companies with instructions to send a paper and appropriate digital files directly to COGCC

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	36	30		0	59		0	59	VISU
SURF	14+3/4	10+3/4	45.5	0	3,807	2,980	0	3,807	VISU
1ST	9+1/2	7+5/8	26-39	0	8,479	1,800	2,800	8,479	CBL
OPEN HOLE	6+1/2			8479	9,500	0	8,479	8,479	CALC

STAGE/TOP OUT/REMEDIAL CEMENT

Cement work date: 12/06/1983

Method used	String	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom
	1ST				

Details of work:

Conductor Cement

cement with ready-mix to surface

Surface Cement

Date Cemented: 11/13/1983

Lead : 2680 sx Lite, 2% CaCl₂, 1/4#/sk flocele

Tail : 300 sx Class B, 32% CaCl₂, 1/4#/sk flocele,
1% Halad-9

Note : circ 40 bbls dehydrated cmt

Prod Cement

Date Cemented: 12/6/1983

Lead: 1215 sx Lite, 1/4#/sk flocele, 12.8% Salt

Tail: 150 sx Class H, 0.6% HR4

disp w/ 388 bbl H₂O w/ Tretolite K700 & K490

Note : no cmt to pits, ran temp survey TOC = 550'

CBL run 8/17/12 TOC = 2800'

Date Patch Cemented: 9/22/2012

Lead: 435 sx 50/50/POZ, 2% CaCl₂, .1% CFR-3

Note : circ to surface, rev circ 17.7 bbls

Liner Cement

Date Cemented:

Lead : 350 sx Lite

Tail : 100 sx 50/50/POZ

Note :

Sqz Date: 3/13/84

Cmt sqz perf from 8100' to 8286' w/ 200 sx

Perf Dates: 3/14/84, 3/19/84, 4/16/84

7924 - 7925, 8065 - 8064

8100' - 8134', 8143' - 8146', 8158' - 8162'

8176' - 8188', 8212' - 8218', 8278' - 8286'

4 shots/ft with 292 total shots (3 times)

Sqz Date: 8/28/12

Cmt sqz perfs w/ 200 sx Class G

Perf Date: 9/30/12 & 10/3/12

8398' - 8474' & 8278' - 8333'

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	
CAMBRIAN	8,500		<input type="checkbox"/>	<input type="checkbox"/>	
PRECAMBRIAN	9,480		<input type="checkbox"/>	<input type="checkbox"/>	

Comment:

There are 2 sizes of the OH (see WBD); validation check will not allow submittal of 2 OH: 9 1/2" to 8482' and 6 1/2" to TD (9500'). Submitted as 5 "other" documents that are the related EPA permits/documents.

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>			
400348371	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 type="checkbox"/>	No <input checked="" type="checkbox"/>
400351975	Other	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
<u>Other Attachments</u>			
400348370	WELLBORE DIAGRAM	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)