

FORM
5A

Rev
06/12

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:

400476734

Date Received:

10/04/2013

COMPLETED INTERVAL REPORT

The completed interval Report, Form 5A, shall be submitted within thirty (30) days of completing a formation (successful or not), when a formation is temporarily abandoned or permanently abandoned, for a recompletion, reperforation or restimulation, or when a formation is commingled. Fill out a section for each formation. Attach as many pages as required to fully describe the work. List in order of 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) 88-5221
City: CORTEZ State: CO Zip: 81321	

5. API Number 05-033-06135-04	6. County: DOLORES
7. Well Name: Doe Canyon	Well Number: 2
8. Location: QtrQtr: Lot 7 Section: 18 Township: 40N Range: 17W Meridian: N	
9. Field Name: DOE CANYON	Field Code: 17210

Completed Interval

FORMATION: LEADVILLE

Status: PRODUCING

Treatment Type: FRACTURE
STIMULATION

Treatment Date: 08/17/2013

End Date: 08/17/2013

Date of First Production this formation: 09/07/2008

Perforations Top: 8624

Bottom: 8700

No. Holes: 64

Hole size: 041/100

Provide a brief summary of the formation treatment:

Open Hole: ☒

This well was first drilled and sidetracked in 2008; a new permit for a new horizontal was drilled this year, sidetrack, drilled around a fish, TD'd, cased with 5" tubing, perf'd and fracked.

Liner cemented in July 5th; unable to set liner all the way to bottom and thus cement was subsequently drilled out to TD 8700').

Perf Date: 7/9/13;

pre-treatment with SPOT 12 BBL 28% HCL ACID DOWN DP DISPLACE WITH 63.1 BBBL FRESH WATER

Acid Date: 8/17/13 -

Acid stimulate perfs and OH under frac conditions, pumped 424 bbl 28% HCL and displaced with 264 bbls fresh water down 2 7/8" tubing with packer @8310' at max rate of 8.7 bpm and max pressure of 2308 psi.

This formation is commingled with another formation:

☐ Yes ☒ No

Total fluid used in treatment (bbl): 524

Max pressure during treatment (psi): 2308

Total gas used in treatment (mcf): 0

Fluid density at initial fracture (lbs/gal): 8.33

Type of gas used in treatment:

Min frac gradient (psi/ft):

Total acid used in treatment (bbl): 420

Number of staged intervals: 1

Recycled water used in treatment (bbl): 0

Flowback volume recovered (bbl): 1071

Fresh water used in treatment (bbl): 264

Disposition method for flowback: DISPOSAL

Total proppant used (lbs):

Rule 805 green completion techniques were utilized: ☐

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 10/03/2013

Hours: 17

Bbl oil: 0

Mcf Gas: 5000

Bbl H2O: 0

Calculated 24 hour rate:

Bbl oil: 0

Mcf Gas: 3542

Bbl H2O: 0

GOR:

Test Method: flow

Casing PSI: 710

Tubing PSI:

Choke Size:

Gas Disposition: SOLD

Gas Type: CO2

Btu Gas: 0

API Gravity Oil: 0

Tubing Size:

Tubing Setting Depth:

Tbg setting date:

Packer Depth:

Reason for Non-Production:

Date formation Abandoned:

Squeeze:

☐ Yes☐ No

If yes, number of sacks cmt

** Bridge Plug Depth:

** Sacks cement on top:

** Wireline and Cement Job Summary must be attached.

Comment:

This 5A is for the new ST, -04 apd, that abandoned the -02 and went around the fish. The 03 location was agandoned and this -04 APD was permitted prior the -03 withdrawal of location (somewhat due to a misunderstanding of whether the drill bit had entered the hole or not). This -04 sidetrack is otherwise is essentially a vertical hole going around the fish, drliing out and setting 5" casing that was then perfed and fracked! There are 56' of open hole below the 5" cased liner that was also fracked in the process.

This well was a tubing-less completion flow test through 7" production casing and the pressure reported is pressure at the top of the well. Production gets reported to the Doe Canyon unit-designated well DC6 API (05-033-06134-01) Non-flammable CO2 gas produced and thus green completion per rule 805 (3) does not apply.

A fracfocus.org report has been submitted.

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 Contractor

Date: 10/4/2013

Email: Paul_Belanger@KinderMorgan.com

Attachment Check List

Att Doc Num

Name

400476734	FORM 5A SUBMITTED
400489974	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

User Group

Comment

Comment Date

--	--	--

Total: 0 comment(s)