

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



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Document Number:

400739913

Date Received:

02/04/2015

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

2. Name of Operator: KINDER MORGAN CO2 CO LP

3. Address: 17801 HWY 491

City: CORTEZ State: CO Zip: 81321

4. Contact Name: Paul Belanger

Phone: (970) 882-2464

Fax: (970) 88-5221

Email: Paul\_Belanger@KinderMorgan.com

5. API Number 05-083-06717-00

7. Well Name: Goodman Point (GP)

8. Location: QtrQtr: SWSE Section: 18 Township: 36N Range: 17W Meridian: N

9. Field Name: MCELMO Field Code: 53674

6. County: MONTEZUMA

Well Number: 27

### Completed Interval

FORMATION: LEADVILLE

Status: SHUT IN

Treatment Type: ACID JOB

Treatment Date: 10/09/2014

End Date: 11/05/2014

Date of First Production this formation: 11/01/2014

Perforations Top: 7890

Bottom: 8100

No. Holes: 160

Hole size: 39/100

Provide a brief summary of the formation treatment:

Open Hole: ☐

This well was completed in four stages:

1. The initial stage was the open hole below the shoe of the liner from 8050' to the TD of the well @8125'. A portion of the open hole from 8060-8100' was perforated with 2.75" HSC guns. This interval was then acidized with 2000 gallons of 28% HCl, at a maximum pressure of 900 PSI. The well was then flow tested producing 100% formation water, so a cement retainer was set at 8040' and the formation below that point was squeezed with 10.5 BBLs of class G cement.
2. The second stage of the completion was then perforated with 2.75" HSC guns with 0.39" EHD perforations from 7980-8020'. This interval was then acidized with 2000 gallons 28% HCl at a maximum pressure of 1800 PSI. This well was Jetted and tested. A CIBP set at 7975"
3. The third interval was perforated from 7920-7960' with 2.75" HSC guns with 0.39" EHD perforations. This interval was acidized with 2500 gallons 28% HCl with a maximum breakdown pressure of 2,440 PSI. This interval was then Jetted in and tested.
4. The final 4th stage was then temporarily isolated and perforated from 7890-7912' with 2.75" HSC guns with 0.39" EHD perforations and acidized with 25000 gallons 38% HCl acid at a maximum breakdown pressure of 3820 PSI. The RBP was then pulled and combining perforations 7890-7912' & 7920-7960" - which were then tested together.

This formation is commingled with another formation: ☐ Yes ☒ No

Total fluid used in treatment (bbl): \_\_\_\_\_

Max pressure during treatment (psi): 3820

Total gas used in treatment (mcf): 0

Fluid density at initial fracture (lbs/gal): \_\_\_\_\_

Type of gas used in treatment: \_\_\_\_\_

Min frac gradient (psi/ft): \_\_\_\_\_

Total acid used in treatment (bbl): 214

Number of staged intervals: 4

Recycled water used in treatment (bbl): 0

Flowback volume recovered (bbl): 3385

Fresh water used in treatment (bbl): 1204

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: 11/13/2014 Hours: 3 Bbl oil: 0 Mcf Gas: 629 Bbl H2O: 36

Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 5000 Bbl H2O: 290 GOR: 0

Test Method: flowing Casing PSI: 351 Tubing PSI: \_\_\_\_\_ Choke Size: \_\_\_\_\_

Gas Disposition: FLARED Gas Type: CO2 Btu Gas: 0 API Gravity Oil: 0

Tubing Size: \_\_\_\_\_ Tubing Setting Depth: \_\_\_\_\_ Tbg setting date: \_\_\_\_\_ Packer Depth: \_\_\_\_\_

Reason for Non-Production: Water-loading. . The CO2 was vented through a flare stack, and thus called "flared" - and since it's CO2 and not burnable one might consider it "vented". Made 3.2875mmmscf, since that time the well has died off and does not produce.

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:

The vertical pilot test was completed per NOI sundry change. It was less than successful and thus a shut-in status is given to the well at this time. KM is holding off on drilling the horizontal wellbore (permitted -01) at this time. See sundry docnum 400753494 for further explanation.

Should there be production, all McElmo production gets reported to a unit-designated well API 05-083-06584 (YC4). Non-flammable CO2 gas produced and thus green completion per rule 805 (3) does not apply.

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 ContractorDate: 2/4/2015Email Paul\_Belanger@KinderMorgan.com

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**Attachment Check List****Att Doc Num****Name**

400739913	FORM 5A SUBMITTED
400755616	CEMENT JOB SUMMARY
400786155	WELLBORE DIAGRAM

Total Attach: 3 Files

**General Comments****User Group****Comment****Comment Date**

Permit	Well made some gas but died off. Operator should report on a form 7. Date of first production 11/1/2014	2/10/2015 6:19:40 AM
Permit	Is there a date of first production?	2/9/2015 9:31:46 AM

Total: 2 comment(s)