

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:

400751269

Date Received:

03/19/2015

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 05-083-06716-00

7. Well Name: CC

8. Location: QtrQtr: L17 Section: 6 Township: 38N Range: 18W Meridian: N

9. Field Name: MCELMO Field Code: 53674

6. County: MONTEZUMA

Well Number: 3

Completed Interval

FORMATION: LEADVILLE

Status: TEMPORARILY ABANDONED

Treatment Type: ACID JOB

Treatment Date: 02/20/2015

End Date: 02/27/2015

Date of First Production this formation:

Perforations Top: 8510

Bottom: 8600

No. Holes: 240

Hole size: 39/100

Provide a brief summary of the formation treatment:

Open Hole: ☐

See wbd for other information reported here and form 5, docnum 400807853:Perfs used:8510-8530 = 20'x4=80; 560-8600=40x4=160 or total of 240 shots – rest of perfs were squeeze perfs.

First acid job on 2/20/15 was just to break down sqz perfs.

4.5" liner was set from 8170 to 8790' and attempted to be cemented with 25 bbls cement. Problems during the cement job resulted in not all of the cement being placed. RBP were placed at 3000' and 1500' and the drilling rig moved off. All equipment off location on 11/21/2014.

On 2/4/2015 MIRU AWS rig #449. Drlg out cement from 6757 to 8782' PBTD. Ran pulse neutron log from 8782' to surface and CBL from 8782 to surface. Problems encountered with CBL in liner so reran CBL from 8782 to 8170'. Perf completed for squeeze at 8680'. Set cement retainer at 8670'. Was unable to pump through this cement retainer due to debris in the well, so drilled out the retainer at 8670' and pushed to bottom at 8782'. Set a new cement retainer at 8660'. Pump 75 sx of class G 14.4 PPG CMT at 2 BPM and 729 PSI. Cleaned out to the cement retainer at 8660' and tested the casing to 1000 PSI for 15 minutes. Ran another CBL log from 8660' up to 8170'. Shot squeeze holes from 8505-8509' and 8480-8484'. Could not break down so spotted 500 gallons 28% HCl across squeeze holes 8480-8484', and broke down formation. Set cement retainer at 8460'. RU HALCO and pumped 6.0 bbls cmt under retainer. Perforate Leadville for production from 8510-8530' and 8560-8600'. Tripped in hole with treating packer and set at 8371'. Acidized with 4500 gallons (107 bbls) 28% HCl. Formation broke back at 1691 PSI. Over displaced acid into formation final pressure well on vacuum pulled packer.

*-SET RBP at 8437' and performed MIT. Pulled RBP. MU & test tree. RDMO completion rig.

This formation is commingled with another formation:

☐ Yes ☒ No

Total fluid used in treatment (bbl): 170

Max pressure during treatment (psi): 1691

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): 107

Number of staged intervals:

Recycled water used in treatment (bbl): 0

Flowback volume recovered (bbl): 0

Fresh water used in treatment (bbl): 63

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 0

Rule 805 green completion techniques were utilized: ☐

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: Hours: Bbl oil: Mcf Gas: Bbl H2O:

Calculated 24 hour rate: Bbl oil: Mcf Gas: Bbl H2O: GOR:

Test Method: Casing PSI: Tubing PSI: Choke Size:

Gas Disposition: Gas Type: Btu Gas: API Gravity Oil:

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

Reason for Non-Production: This well was not tested at this time due to facilities not yet ready. Cannot produce the well at this time due to no flowline; expected flowline to be emplace summer 2015. No Bridge plug is currently set. Well is closed to atmosphere 3 by valve.

Date formation Abandoned: 11/18/2014 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:

After form 5 submitted, work over rig was moved back and completed the well including 2 squeeze job cement and plugback. Those cement reports are being submitted with a new form 5, docnum 400807853.

MIT was done on March 3, 2015; Form 21 currently being prepared (3/11/2015).
Well is TA because there is no flow line to well head; expected flow line summer 2015.

Non-flammable CO2 gas produced and thus green completion per rule 805 (3) does not apply.
Any production gets reported to a unit-designated well YC4 API 05-083-06584.
The attached WBD is the most current WBD at the time of this submission.

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: 3/19/2015 Email Paul_Belanger@KinderMorgan.com
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Attachment Check List

Att Doc Num **Name**

400751269	FORM 5A SUBMITTED
400809645	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

User Group **Comment** **Comment Date**

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Total: 0 comment(s)