

**FORM
5A**Rev
06/12**State of Colorado****Oil and Gas Conservation Commission**

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Document Number:

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Date Received:

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: 10322	4. Contact Name: Greg Francis
2. Name of Operator: EAST CHEYENNE GAS STORAGE LLC	Phone: (720) 351-4003
3. Address: 999 18TH STREET #925 NORTH	Fax: (720) 351-4206
City: DENVER State: CO Zip: 80202	Email: gfrancis@mehllc.com

5. API Number 05-075-09401-00	6. County: LOGAN
7. Well Name: ECGS	Well Number: 6-15 WPD002-1
8. Location: QtrQtr: SWNW Section: 6 Township: 11N Range: 52W Meridian: 6	
9. Field Name: PEETZ WEST	Field Code: 68300

Completed Interval

FORMATION: DAKOTA Status: TEMPORARILY ABANDONED Treatment Type: _____
Treatment Date: _____ End Date: 02/11/2014 Date of First Production this formation: 11/08/2011
Perforations Top: 5170 Bottom: 5184 No. Holes: 84 Hole size: 0.425

Provide a brief summary of the formation treatment:

Open Hole: ☐

East Cheyenne Gas Storage well was completed in two sandstone intervals in the Dakota D Formation. The two completion intervals were 5170-5184 (Dakota D2) & 5187-5195 (Dakota D3). The Dakota D3 interval was producing too much water for the required production volumes. The well would log off & not produce. A CIBP was set at 5186 feet to shut off Dakota D3 perforated interval. Dakota D3 interval will be returned to gas storage operations at a later date as gas saturations in D3 reservoir increase.

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

Total fluid used in treatment (bbl): _____

Max pressure during treatment (psi): _____

Total gas used in treatment (mcf): _____

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

Type of gas used in treatment: _____

Min frac gradient (psi/ft): _____

Total acid used in treatment (bbl): _____

Number of staged intervals: _____

Recycled water used in treatment (bbl): _____

Flowback volume recovered (bbl): _____

Fresh water used in treatment (bbl): _____

Disposition method for flowback: _____

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: _____ 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: 4 + 1/2 Tubing Setting Depth: 5024 Tbg setting date: 02/11/2014 Packer Depth: 5024

Reason for Non-Production: Dakota D3 gas storage zone is too wet to produce. Well bore loads up & kills well. Interval will be returned to gas storage operations when gas saturation values increase to acceptable levels.

Date formation Abandoned: 02/11/2014 Squeeze: ☐ Yes ☒ No If yes, number of sacks cmt _____

** Bridge Plug Depth: 5186 ** Sacks cement on top: 1 ** Wireline and Cement Job Summary must be attached.

FORMATION: D SAND Status: PRODUCING Treatment Type: _____
Treatment Date: _____ End Date: 02/10/2014 Date of First Production this formation: 12/07/2012
Perforations Top: 5170 Bottom: 5184 No. Holes: 84 Hole size: 0.425
Provide a brief summary of the formation treatment: _____ Open Hole: ☐

East Cheyenne Gas Storage well was completed in two sandstone intervals in the Dakota D Formation. The two completion intervals were 5170-5184 (Dakota D2) & 5187-5195 (Dakota D3). The Dakota D3 interval was producing too much water for the required production volumes. The well would log off & not produce. A CIBP was set at 5186 feet (Required 1/4 sacks of cement was placed on top of CIBP) to shut off Dakota D3 perforated interval. Dakota D3 interval will be returned to gas storage operations at a later date as gas saturations in D3 reservoir increase.

This formation is commingled with another formation: ☐ Yes ☒ No
Total fluid used in treatment (bbl): _____ Max pressure during treatment (psi): _____
Total gas used in treatment (mcf): _____ Fluid density at initial fracture (lbs/gal): _____
Type of gas used in treatment: _____ Min frac gradient (psi/ft): _____
Total acid used in treatment (bbl): _____ Number of staged intervals: _____
Recycled water used in treatment (bbl): _____ Flowback volume recovered (bbl): _____
Fresh water used in treatment (bbl): _____ Disposition method for flowback: _____
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: _____ 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: 4 + 1/2 Tubing Setting Depth: 5024 Tbg setting date: 02/11/2014 Packer Depth: 5024

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: _____

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: _____ Print Name: Greg Francis
Title: Project Geologist Date: _____ Email gfrancis@mehllc.com
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Attachment Check List

Att Doc Num	Name
400555414	WELLBORE DIAGRAM
400561189	WIRELINE JOB SUMMARY

Total Attach: 2 Files

General Comments

User Group

Comment

Comment Date

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Total: 0 comment(s)