

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:

400555068

Date Received:

02/24/2014

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: <u>10322</u>	4. Contact Name: <u>Greg Francis</u>
2. Name of Operator: <u>EAST CHEYENNE GAS STORAGE LLC</u>	Phone: <u>(720) 351-4003</u>
3. Address: <u>10370 RICHMOND AVE SUITE 510</u>	Fax: <u>(720) 351-4206</u>
City: <u>HOUSTON</u> State: <u>TX</u> Zip: <u>77042</u>	Email: <u>gfrancis@mehllc.com</u>

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

Completed Interval

FORMATION: D SAND Status: PRODUCING Treatment Type: _____

Treatment Date: _____ End Date: _____ Date of First Production this formation: _____

Perforations Top: 5170 Bottom: 5195 No. Holes: 132 Hole size: 0.42

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: 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.

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: 2/24/2014 Email gfrancis@mehllc.com

Attachment Check List

Att Doc Num	Name
400555068	FORM 5A SUBMITTED
400555414	WELLBORE DIAGRAM
400561189	WIRELINE JOB SUMMARY

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Deleted Dakota panel and consolidated it with the D Sand panel, as Dakota panel was unnecessary.	11/04/2016

Total: 1 comment(s)