

**FORM  
INSP**Rev  
05/11**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
----	----	----	----

Inspection Date:

01/17/2013

Document Number:

663300974

Overall Inspection:

Satisfactory**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Tracking Type	Inspector Name:
	<u>429503</u>	<u>429500</u>		<u>SCHURE, KYM</u>

**Operator Information:**OGCC Operator Number: 10322 Name of Operator: EAST CHEYENNE GAS STORAGE LLCAddress: 10901 WEST TOLLER DRIVE - SUITE 200City: LITTLETON State: CO Zip: 80127**Contact Information:**

Contact Name	Phone	Email	Comment
ONYSKIW, DENISE		denise.onyskiw@state.co.us	
Francis, Greg	(720) 351-4006	gfrancis@mehllc.com	
Benedict, Daniel	(720) 351-4014	dbenedict@mepco.us.com	
Ohlman, Gary	(970) 520-2092	garyohlman@cs.com	

**Compliance Summary:**QtrQtr: SESE Sec: 6 Twp: 11N Range: 52W**Inspector Comment:**

Inspection was requested by Operator's representative for witnessing a pressure step/rate test to conclude frac gradient. The well is a UIC well under COGCC jurisdiction. Maverick Stimulation Co. performed the service work during the test with satisfactory results. Copies of work report and charts were delivered on-site to COGCC Inspector and forwarded on to COGCC UIC Program.

**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	
429503	WELL	DG	10/17/2012		075-09407	ECGS 6-20J WPW003	<input checked="" type="checkbox"/>
429504	WELL	DG	10/31/2012		075-09408	ECGS 5-2 WPD003-2	<input checked="" type="checkbox"/>
429505	WELL	DG	10/24/2012	LO	075-09409	ECGS 6-19 WPD003-1	<input checked="" type="checkbox"/>

**Equipment:**Location Inventory

Special Purpose Pits: _____	Drilling Pits: <u>1</u>	Wells: <u>3</u>	Production Pits: _____
Condensate Tanks: _____	Water Tanks: <u>2</u>	Separators: <u>2</u>	Electric Motors: _____
Gas or Diesel Motors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____
Electric Generators: _____	Gas Pipeline: <u>1</u>	Oil Pipeline: _____	Water Pipeline: <u>1</u>
Gas Compressors: _____	VOC Combustor: _____	Oil Tanks: _____	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: <u>1</u>	Flare: _____	Fuel Tanks: _____

**Location**Emergency Contact Number: (S/U/V) \_\_\_\_\_

Corrective Date: \_\_\_\_\_

Comment: \_\_\_\_\_

Corrective Action: \_\_\_\_\_

**Spills:**

Type	Area	Volume	Corrective action	CA Date
------	------	--------	-------------------	---------

☐ Multiple Spills and Releases?

<b>Venting:</b>	
Yes/No	Comment

<b>Flaring:</b>				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date

### Predrill

Location ID: 429500

**Site Preparation:**

Lease Road Adeq.: \_\_\_\_\_

Pads: \_\_\_\_\_

Soil Stockpile: \_\_\_\_\_

Corrective Action: \_\_\_\_\_

Date: \_\_\_\_\_ CDP Num.: \_\_\_\_\_

**Form 2A COAs:****Comment:** \_\_\_\_\_**CA:** \_\_\_\_\_**Date:** \_\_\_\_\_**Wildlife BMPs:**

BMP Type	Comment
Drilling/Completion Operations	<p>East Cheyenne Gas Storage Best Management Practices &amp; Procedures East Cheyenne Gas Storage, LLC will utilize the following "Best Management Practices "(BMP) where appropriate to prevent or reduce the impacts caused by gas and oil operations.</p> <ol style="list-style-type: none"> <li>1) When building new well sites, limit the surface area to be disturbed to that which is required. When a new well is drilled and put on production, reclaim the unneeded well pad area to reduce the disturbed surface area and allow the landowners to use it for agriculture.</li> <li>2) When a previously plugged well is re-entered to re-plug all abandoned production zones, abandoned well in such a manner so as to minimize any surface disturbance. No dry hole marker monument is to be used and well location is to be restored to previous grade.</li> <li>3) Return the land surface to pre-used condition by reforming the surface to match the surrounding area including: terracing, drainage replacement, drainage repair, and the re-seeding in a manner that is specified by the land use agreement or surface owner.</li> <li>4) Spray location to control noxious weeds annually.</li> <li>5) Inspect facilities for erosion and install erosion controls where required.</li> <li>6) Utilize existing roads as much as possible and build new roads to minimize land disturbance area.</li> <li>7) Fill drill site pits within 120 days after completion of well and subject to pit fluid levels, pit moisture, and weather.</li> <li>8) Hydrocarbon storage tanks are to be surrounded by impermeable berms to prevent spills from escaping off-site.</li> <li>9) Open top tanks and unattended pits that may contain hydrocarbons will be fenced and covered with nets to protect fowl and animals.</li> <li>10) Procedural plans are in place to prevent, control and cleanup hydrocarbon spills.</li> </ol>

**Comment:** \_\_\_\_\_**CA:** \_\_\_\_\_**Date:** \_\_\_\_\_**Stormwater:**

Erosion BMPs	Present	Other BMPs	Present
--------------	---------	------------	---------

Inspector Name: SCHURE, KYM

Corrective Action: _____		Date: _____	
Comments: Erosion BMPs: _____			
Other BMPs: _____			
<b>Comment:</b> _____			
<b>Staking:</b> _____			
<b>On Site Inspection (305):</b>			
<u>Surface Owner Contact Information:</u>			
Name: _____		Address: _____	
Phone Number: _____		Cell Phone: _____	
<u>Operator Rep. Contact Information:</u>			
Landman Name: _____		Phone Number: _____	
Date Onsite Request Received: _____		Date of Rule 306 Consultation: _____	
Request LGD Attendance: _____			
<u>LGD Contact Information:</u>			
Name: _____		Phone Number: _____	
		Agreed to Attend: _____	
<u>Summary of Landowner Issues:</u>			
<u>Summary of Operator Response to Landowner Issues:</u>			
<u>Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:</u>			

**Facility**

Facility ID: 429503	Type: WELL	API Number: 075-09407	Status: DG	Insp. Status: DG
Facility ID: 429504	Type: WELL	API Number: 075-09408	Status: DG	Insp. Status: DG
Facility ID: 429505	Type: WELL	API Number: 075-09409	Status: DG	Insp. Status: DG

**Underground Injection Control**

UIC Violation: _____		Maximum Injection Pressure: _____	
<u>UIC Routine</u>			
Inj./Tube:	Pressure or inches of Hg _____ (e.g. 30 psig or -30" Hg)	Previous Test Pressure _____	MPP _____
TC:	Pressure or inches of Hg _____	Previous Test Pressure _____	Inj Zone: _____
Brhd:	Pressure or inches of Hg _____	Previous Test Pressure _____	Last MIT: _____
		AnnMTRReq: _____	
Comment:	Inspection was performed to conclude the fracture gradient by using a pressure step/rate test. Initially the test was disrupted as the pressure broke from clearing the perforations, this process re-occured during the first three pressurizations. The pressure held and the step rate test commenced and completed. Work report and charts were received on-site for COGCC files.		
Method of Injection: _____			
Test Type: _____	Tbg psi: _____	Csg psi: _____	BH psi: _____
Insp. Status: _____			
Comment:			

**Environmental****Spills/Releases:**

Type of Spill: \_\_\_\_\_ Description: \_\_\_\_\_ Estimated Spill Volume: \_\_\_\_\_  
 Comment: \_\_\_\_\_  
 Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_  
 Reportable: \_\_\_\_\_ GPS: Lat \_\_\_\_\_ Long \_\_\_\_\_  
 Proximity to Surface Water: \_\_\_\_\_ Depth to Ground Water: \_\_\_\_\_

**Water Well:**

Lat \_\_\_\_\_ Long \_\_\_\_\_  
 DWR Receipt Num: \_\_\_\_\_ Owner Name: \_\_\_\_\_ GPS : \_\_\_\_\_

**Field Parameters:**

Sample Location: \_\_\_\_\_

Emission Control Burner (ECB): \_\_\_\_\_

Comment: \_\_\_\_\_

Pilot: \_\_\_\_\_ Wildlife Protection Devices (fired vessels): \_\_\_\_\_

**Reclamation - Storm Water - Pit****Interim Reclamation:**

Date Interim Reclamation Started: \_\_\_\_\_ Date Interim Reclamation Completed: \_\_\_\_\_

Land Use: DRY LAND

Comment: \_\_\_\_\_

1003a. Debris removed? \_\_\_\_\_ CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Waste Material Onsite? \_\_\_\_\_ CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Unused or unneeded equipment onsite? \_\_\_\_\_ CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Pit, cellars, rat holes and other bores closed? \_\_\_\_\_ CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Guy line anchors removed? \_\_\_\_\_ CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Guy line anchors marked? \_\_\_\_\_ CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_

1003b. Area no longer in use? \_\_\_\_\_ Production areas stabilized ? \_\_\_\_\_

1003c. Compacted areas have been cross ripped? \_\_\_\_\_

1003d. Drilling pit closed? \_\_\_\_\_ Subsidence over on drill pit? \_\_\_\_\_

Cuttings management: \_\_\_\_\_

1003e. Areas no longer needed for drilling or subsequent operations for have been re-vegetated to 80% of pre-existing? \_\_\_\_\_

Production areas have been stabilized? \_\_\_\_\_ Segregated soils have been replaced? \_\_\_\_\_

Inspector Name: SCHURE, KYM

RESTORATION AND REVEGETATION

Cropland

Top soil replaced \_\_\_\_\_ Recontoured \_\_\_\_\_ Perennial forage re-established \_\_\_\_\_

Non-Cropland

Top soil replaced \_\_\_\_\_ Recontoured \_\_\_\_\_ 80% Revegetation \_\_\_\_\_

1003 f. Weeds Noxious weeds? \_\_\_\_\_

Comment: \_\_\_\_\_

Overall Interim Reclamation \_\_\_\_\_

**Final Reclamation/ Abandoned Location:**

Date Final Reclamation Started: \_\_\_\_\_ Date Final Reclamation Completed: \_\_\_\_\_

Final Land Use: DRY LAND \_\_\_\_\_

Reminder: \_\_\_\_\_

Comment: \_\_\_\_\_

Well plugged \_\_\_\_\_ Pit mouse/rat holes, cellars backfilled \_\_\_\_\_

Debris removed \_\_\_\_\_ No disturbance /Location never built \_\_\_\_\_

Access Roads \_\_\_\_\_ Regraded \_\_\_\_\_ Contoured \_\_\_\_\_ Culverts removed \_\_\_\_\_

Gravel removed \_\_\_\_\_

Location and associated production facilities reclaimed \_\_\_\_\_ Locations, facilities, roads, recontoured \_\_\_\_\_

Compaction alleviation \_\_\_\_\_ Dust and erosion control \_\_\_\_\_

Non cropland: Revegetated 80% \_\_\_\_\_ Cropland: perennial forage \_\_\_\_\_

Weeds present \_\_\_\_\_ Subsidence \_\_\_\_\_

Comment: \_\_\_\_\_

Corrective Action: \_\_\_\_\_ Date \_\_\_\_\_

Overall Final Reclamation \_\_\_\_\_ Multi-Well Location ☐

**Storm Water:**

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment

S/U/V: \_\_\_\_\_ Corrective Date: \_\_\_\_\_

Comment: \_\_\_\_\_

CA: \_\_\_\_\_