

FORM
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State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203
Phone: (303) 894-2100 Fax: (303) 894-2109



Inspection Date:

01/14/2019

Submitted Date:

01/18/2019

Document Number:

688800459

FIELD INSPECTION FORM

Loc ID _____ Inspector Name: _____ On-Site Inspection
313509 _____ Hughes, Jim _____ 2A Doc Num: _____

Operator Information:

OGCC Operator Number: _____ 46685 _____
Name of Operator: KINDER MORGAN CO2 CO LP _____
Address: 1001 LOUISIANA ST SUITE 1000 _____
City: _____ HOUSTON _____ State: _____ TX _____ Zip: _____ 77002 _____

Status Summary:

- THIS IS A FOLLOW UP INSPECTION
 FOLLOW UP INSPECTION REQUIRED
 NO FOLLOW UP INSPECTION REQUIRED

Findings:

- 8 _____ Number of Comments
2 _____ Number of Corrective Actions
 Corrective Action Response Requested

**ANY CORRECTIVE ACTION(S) FROM
PREVIOUS INSPECTIONS THAT HAVE NOT
BEEN ADDRESSED ARE STILL APPLICABLE**

Contact Information:

| Contact Name | Phone | Email | Comment |
|----------------------|-------|---------------------------------------|---------------------------------------|
| Fischer, Alex | | alex.fischer@state.co.us | |
| Kinder, KinderMorgan | | CO2Source_Regulatory@kindermorgan.com | SW Inspection Reports |

Inspected Facilities:

| Facility ID | Type | Status | Status Date | Well Class | API Num | Facility Name | Insp Status |
|-------------|------------------|--------|-------------|------------|-----------|--------------------------------------|-------------|
| 224315 | WELL | PR | 03/06/2018 | GW | 083-06380 | MCELMO DOME UNIT 35-38-19 HE-1 | EI |
| 450877 | TANK BATTERY | AC | 05/31/2017 | | - | Hovenweep HE Cluster Tank Battery | EI |
| 460636 | SPILL OR RELEASE | AC | 01/11/2019 | | - | HE Cluster Produced Water Tank T-501 | EI |

General Comment:

On January 14, 2019 COGCC SW EPS Jim Hughes conducted an environmental field inspection of the Kinder Morgan HE Cluster Produced Water Tank Spill/Release Point ID #460636. For more information regarding this release, please refer to document #401899227. Mike Hannigan from Kinder Morgan was on site during this inspection.

Location

Lease Road:

| | | | |
|-------------------|--------|--|-------|
| Type | Access | | |
| comment: | | | |
| Corrective Action | | | Date: |

Overall Good:

Signs/Marker:

| | | | |
|--------------------|---|--|-------|
| Type | WELLHEAD | | |
| Comment: | Signs posted near entrance to location. | | |
| Corrective Action: | | | Date: |
| Type | TANK LABELS/PLACARDS | | |
| Comment: | ASTs are labeled with contents, capacity, and have NFPA placards. | | |
| Corrective Action: | | | Date: |

Emergency Contact Number:

Comment:

Corrective Action:

Date: _____

Overall Good:

Spills:

| Type | Area | Volume | | | |
|------|------|--------|--|--|--|
| | | | | | |

In Containment: No

Comment:

Multiple Spills and Releases?

Tanks and Berms:

| Contents | # | Capacity | Type | Tank ID | SE GPS |
|-------------------------------|---|----------|-----------|---------|-----------------------|
| GLYCOL | 1 | OTHER | STEEL AST | | 37.504815,-108.909035 |
| Comment: <input type="text"/> | | | | | |
| Corrective Action: | | | | | Date: |

Paint

| | | |
|------------------|----------------------|--|
| Condition | Adequate | |
| Other (Content) | <input type="text"/> | |
| Other (Capacity) | 210 bbl. | |
| Other (Type) | <input type="text"/> | |

Berms

| Type | Capacity | Permeability (Wall) | Permeability (Base) | Maintenance |
|-------------------------------|----------|---------------------|---------------------|-------------|
| Earth | Adequate | Walls Sufficient | Base Sufficient | Adequate |
| Comment: <input type="text"/> | | | | |
| Corrective Action: | | | | Date: |

| Contents | # | Capacity | Type | Tank ID | SE GPS |
|----------------|---|----------|------------------|---------|-----------------------|
| PRODUCED WATER | 1 | 500 BBLS | HEATED STEEL AST | | 37.504980,-108.909294 |

| | | |
|--------------------|--|-------|
| Comment: | | |
| Corrective Action: | | Date: |

Paint

| | | |
|------------------|----------|--|
| Condition | Adequate | |
| Other (Content) | | |
| Other (Capacity) | | |
| Other (Type) | | |

Berms

| Type | Capacity | Permeability (Wall) | Permeability (Base) | Maintenance |
|--------------------|---|---------------------|---------------------|------------------|
| Earth | Adequate | Walls Insufficient | Base Insufficient | Adequate |
| Comment: | As a result of Spill/Release Point ID #460636, 47.2 bbl. reportedly percolated into the soil within the secondary containment area. | | | |
| Corrective Action: | Repair or install berms or other secondary containment devices per Rule 906.d.1 | | | Date: 02/18/2019 |

Venting:

| | | |
|--------------------|--|-------|
| Yes/No | | |
| Comment: | | |
| Corrective Action: | | Date: |

Flaring:

| | |
|--------------------|-------|
| Type | |
| Comment: | |
| Corrective Action: | Date: |

Inspected Facilities

Facility ID: 224315 Type: WELL API Number: 083-06380 Status: PR Insp. Status: EI

Facility ID: 450877 Type: TANK API Number: - Status: AC Insp. Status: EI

Facility ID: 460636 Type: SPILL OR API Number: - Status: AC Insp. Status: EI

Environmental**Spills/Releases:**Type of Spill: PRODUCED WATEREstimated Spill Volume: 47.2Comment: [Please refer to Initial Spill Report Document #401899227 for more information regarding this release.](#)Corrective Action: [Control and contain spills/releases and clean up per Rule 906.a. Contact COGCC EPS staff.](#)Date: 02/18/2019Reportable: YESGPS: Lat 37.505040Long -108.909330

Proximity to Surface Water:

Depth to Ground Water:

Water Well Complaint:

Lat Long

DWR Receipt Num: _____ Owner Name: _____ GPS : _____

Field Parameters:

Sample Location: _____ Comment: _____

COGCC Comments

| Comment | User | Date |
|---|----------|------------|
| On January 14, 2019 COGCC SW EPS Jim Hughes conducted an environmental field inspection of the Kinder Morgan HE Cluster Produced Water Tank Spill/Release Point ID #460636. For more information regarding this release, please refer to document #401899227. Mike Hannigan from Kinder Morgan was on site during this inspection. As a result of Spill/Release Point ID #460636, 47.2 bbl. reportedly percolated into the soil within the secondary containment area. The operator shall ensure that the secondary containment area is sufficiently impervious to contain discharged material, per Rule 906.d.1. Soil samples were collected from the impacted area for Table 910-1 analysis. Two 4 oz. glass jars and one Ziploc bag of soil was collected. | hughesjo | 01/18/2019 |

Attached DocumentsYou can go to COGCC Images (<https://cogcc.state.co.us/weblink/>) and search by document number:

| Document Num | Description | URL |
|--------------|-------------------|---|
| 688800460 | Inspection Photos | http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4707929 |