

**FORM  
INSP**Rev  
X/15**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:

11/15/2016

Submitted Date:

11/29/2016

Document Number:

680601100**FIELD INSPECTION FORM**
 Loc ID 428396 Inspector Name: ROY, CATHERINE On-Site Inspection ☐ 2A Doc Num: \_\_\_\_\_
**Operator Information:**OGCC Operator Number: 46685Name of Operator: KINDER MORGAN CO2 CO LPAddress: 1001 LOUISIANA ST SUITE 1000City: HOUSTON State: TX Zip: 77002**Status Summary:**☐ THIS IS A FOLLOW UP INSPECTION☒ FOLLOW UP INSPECTION REQUIRED☐ NO FOLLOW UP INSPECTION REQUIRED**Findings:**6 Number of Comments1 Number of Corrective Actions☒ Corrective Action Response Requested**Contact Information:**

Contact Name	Phone	Email	Comment
Swift, Barry	970-882-5545	barry_swift@kindermorgan.com	
Conway, Jamie		James_Conway@kindermorgan.com	<a href="#">All inspections</a>
Millican, Chris		chris_millican@kindermorgan.com	

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
428392	WELL	TA	04/23/2013	LO	083-06695	YG 2	RI

**General Comment:**

[This is an interim reclamation and stormwater inspection. Any corrective actions not addressed from previous inspections are still applicable.](#)

Inspected Facilities									
Facility ID:	428392	Type:	WELL	API Number:	083-06695	Status:	TA	Insp. Status:	RI

--

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

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

Land Use: DRY LAND

Comment: [Project area is surrounded by cleared sagebrush rangeland and pinion juniper rangeland.](#)**1002 SITE PREPARATION AND STABILIZATION**

1002a. FENCING \_\_\_\_\_

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

1002b. SOIL REMOVAL AND  
SEGREGATION \_\_\_\_\_

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

1002c. PROTECTION OF SOILS \_\_\_\_\_

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

1002E. SURFACE DISTURBANCE MINIMIZATION \_\_\_\_\_

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

1003a. Waste and Debris removed? Pass

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

Unused or unneeded equipment onsite? Pass

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

Pit, cellars, rat holes and other bores closed? \_\_\_\_\_

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

Guy line anchors marked? \_\_\_\_\_

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

1003b. Area no longer in use? <u>In</u>	Production areas stabilized ? <u>          </u>
1003c. Compacted areas have been cross ripped? <u>          </u>	
1003d. Drilling pit closed? <u>          </u>	Subsidence over on drill pit? <u>          </u>
Cuttings management: <u>          </u>	
1003e. Areas no longer needed for drilling or subsequent operations for have been re-vegetated to 80% of pre-existing? <u>In</u>	
Production areas have been stabilized? <u>          </u>	Segregated soils have been replaced? <u>          </u>
<b>RESTORATION AND REVEGETATION</b>	
<u>Cropland</u>	
Top soil replaced <u>          </u>	Recontoured <u>          </u>
Perennial forage re-established <u>          </u>	
<u>Non-Cropland</u>	
Top soil replaced <u>          </u>	Recontoured <u>          </u>
80% Revegetation <u>Fail</u>	
1003e. INTERIM VEGETATION TRANSECT	
TRANSECT RESULTS OF DISTURBED AREA%	<u>2</u>
TRANSECT RESULTS OF REFERENCE AREA%	<u>53</u>
TOTAL % OF DESIRABLE VEGETATION COVER	<u>4</u>
VEGETATIVE COVER	<u>FAIL</u>
1003 f. Weeds Noxious weeds? <u>I</u>	
Comment	<div style="border: 1px solid black; padding: 5px; color: blue;">A vegetation transect was conducted and determined the revegetation within the project area is approximately 4 percent of an adjacent reference area. Our records indicate that interim reclamation should have been conducted by October 2012. Therefore, revegetation has likely failed. See attached photos and transect datasheet.</div>
Corrective Action	<div style="border: 1px solid black; padding: 5px; color: red;">Monitor revegetation throughout the 2017 growing season, if revegetation isn't increasing and bare areas filling in significantly, then re-seeding should be conducted in fall 2017. Spot seeding the bare areas in spring 2017 is recommended.</div>
Date <u>11/01/2017</u>	
Overall Interim Reclamation	<u>Fail</u>

---

**Final Reclamation/ Abandoned Location:**

Date Final Reclamation Started: <u>          </u>	Date Final Reclamation Completed: <u>          </u>
Final Land Use: <u>DRY LAND</u>	
Reminder: <u>          </u>	
Comment: <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	
Well plugged <u>          </u>	Pit mouse/rat holes, cellars backfilled <u>          </u>
Debris removed <u>          </u>	No disturbance /Location never built <u>          </u>
Access Roads <u>          </u>	Regraded <u>          </u>
Gravel removed <u>          </u>	Contoured <u>          </u>
Culverts removed <u>          </u>	
Location and associated production facilities reclaimed <u>          </u>	Locations, facilities, roads, recontoured <u>          </u>
Compaction alleviation <u>          </u>	Dust and erosion control <u>          </u>
Non cropland: Revegetated 80% <u>          </u>	Cropland: perennial forage <u>          </u>
Weeds present <u>          </u>	Subsidence <u>          </u>
1004.d. FINAL VEGETATION TRANSECT	
TRANSECT RESULTS OF DISTURBED AREA%	<u>          </u>
TRANSECT RESULTS OF REFERENCE AREA%	<u>          </u>
TOTAL % OF DESIRABLE VEGETATION COVER	<u>          </u>
VEGETATIVE COVER	<u>          </u>
Comment: <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	

Corrective Action: <input style="width: 90%;" type="text"/>	Date: <input style="width: 90%;" type="text"/>
Overall Final Reclamation <input style="width: 30%;" type="text"/>	Well Release on Active Location <input style="width: 20%;" type="checkbox"/> Multi-Well Location <input style="width: 20%;" type="checkbox"/>

**Storm Water:**

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

Comment: Stormwater erosion appears to be controlled on the location at this time. Stormwater controls such as diversions and wattles appear to be functioning.

Corrective Action:  Date:

**Pits:** ☒ NO SURFACE INDICATION OF PIT

Permit:	Facility ID	Permit Num	Expiration Date
	428412	400254734	
	428412	400254734	

**COGCC Comments**

Comment	User	Date
<span style="color: blue;">Revegetation areas need to be monitored and re-seeded if vegetation isn't increasing significantly by November 1, 2017.</span>	RoyC	11/28/2016

**Attached Documents**

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

Document Num	Description	URL
680601101	Inspection Photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4014467">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4014467</a>
680601102	Transect Datasheet	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4014468">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4014468</a>