

**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:

07/27/2017

Submitted Date:

08/01/2017

Document Number:

685303605**FIELD INSPECTION FORM**
 Loc ID 445811 Inspector Name: St John, William (Cal) 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:**24 Number of Comments0 Number of Corrective Actions☐ Corrective Action Response Requested**Contact Information:**

Contact Name	Phone	Email	Comment
Swift, Barry	970-882-5545	barry_swift@kindermorgan.com	<a href="#">SW Inspection Reports</a>
Conway, James	970-882-5505	james_conway@kindermorgan.com	<a href="#">SW Inspection Reports</a>
Labowskie, Steve		steve.labowskie@state.co.us	<a href="#">COGCC</a>
Millican, Chris	970-882-5504	chris_millican@kindermorgan.com	<a href="#">SW Inspection Reports</a>

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
445810	WELL	DG	07/24/2017		033-06181	DC 29	DG

**General Comment:**[Drilling inspection conducted with SW Area Supervisor Steve Labowskie.](#)[See link at end of report for path to downloadable pictures.](#)

**Location****Lease Road:**

Type	Access		
comment:	Dirt and gravel access road.		
Corrective Action	L	Date:	

Overall Good: ☐**Signs/Marker:**

Type	WELLHEAD		
Comment:	Framed metal sign.		
Corrective Action:		Date:	

**Emergency Contact Number:**

Comment:	Operator contact information posted on wellhead sign.		
Corrective Action:		Date:	

Overall Good: ☐**Spills:**

Type	Area	Volume		
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In Containment: No

Comment: ☐ Multiple Spills and Releases?**Venting:**

Yes/No			
Comment:			
Corrective Action:		Date:	

**Flaring:**

Type		
Comment:		
Corrective Action:		Date:

**Location Construction**Location ID: 445810 CDP: Comment: Corrective Action:  Date: **Form 2A COAs:**

**Comment:** Location completely ringed with earthen berm with outer perimeter of disturbed area ringed of straw wattles. Rig and support equipment drilling area covered with liner. Closed loop drilling system in place with cuttings sent to bermed containment. Inspector noted temporary fuel supply flowline installed from liquid methane tank and condenser to rig.

Corrective Action:  Date: **Wildlife BMPs:****Comment:**

Valid fire extinguishers located around rig and storage areas. Top soil pile has been segregated and identified with signage. Top soil has been sprayed with tackifier and seeded to minimize/prevent erosion. Disturbed area around the location has slope roughening, tracking, and tackifier with seed used to stabilize area. Inspector noted that the location was trash free, clean, and organized at time of inspection with bear proof trash bins with spill prevention in place.

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

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

**Stormwater:**

Erosion BMPs	Present	Other BMPs	Present
SLOPE ROUGHENING	Yes		`

Comments: Erosion BMPs: \_\_\_\_\_

Other BMPs: \_\_\_\_\_

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

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

WADDLES	Yes	Covering Materials	Yes`
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Comments: Erosion BMPs: \_\_\_\_\_

Other BMPs: \_\_\_\_\_

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

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

DITCHES	Yes	Self Inspection	Yes`
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Comments: Erosion BMPs: \_\_\_\_\_

Other BMPs: \_\_\_\_\_

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

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

BERMS	Yes	Material Handling And Spill Prevention	Yes`
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Comments: Erosion BMPs: \_\_\_\_\_

Other BMPs: \_\_\_\_\_

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

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

MATS	Yes		`
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Comments: Erosion BMPs: \_\_\_\_\_

Numerous stormwater BMPs install to manage erosion. In addition to the above BMPs inspector noted compaction, slope tracking, erosion control blankets, tackifiers, sediment traps, seeding, drains, gravel, and rip rap.

Other BMPs: \_\_\_\_\_

Rig and support equipment drilling area covered with liner. Additional containments and spill prevention under living quarters support equipment, containers, tanks, and drums. Material covering in bulk storage area. Self inspection was noted as crews were on active on location installing additional BMPs and performing minor repairs on BMPs after storm event.

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

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

**Comment:**

Location is definately well laid out with thought put into the stormwater management plan. The installed and properly maintained BMPs should work well in managing and controlling erosion through well drilling and completion processes. Active maintenance and self inspection will allow for easy transition to interm reclamation as well moves into production phase.

**Corrective****Action:**

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

**On Site Inspection (305):**Surface Owner Contact Information:

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Inspector Name: St John, William (Cal)

Phone Number: \_\_\_\_\_

Cell Phone: \_\_\_\_\_

Operator Rep. Contact Information:

Landman Name: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Date Onsite Request Received: \_\_\_\_\_

Date of Rule 306 Consultation: \_\_\_\_\_

Request LGD Attendance: \_\_\_\_\_

LGD Contact Information:

Name: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Agreed to Attend: \_\_\_\_\_

Summary of Landowner Issues:

\_\_\_\_\_

Summary of Operator Response to Landowner Issues:

\_\_\_\_\_

Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:

\_\_\_\_\_

**Inspected Facilities**

Facility ID: 445810 Type: WELL API Number: 033-06181 Status: DG Insp. Status: DG

**Well Drilling**

**Rig:** Rig Name: AD 1000 Pusher/Rig Manager: Justin Barton  
 Permit Posted: Yes Access Sign: Yes

**Well Control Equipment:**

Pipe Ram: \_\_\_\_\_ Blind Ram: \_\_\_\_\_ Hydri Type: \_\_\_\_\_  
 Pressure Test BOP: \_\_\_\_\_ Test Pressure PSI: \_\_\_\_\_ Safety Plan: \_\_\_\_\_

**Drill Fluids****Management:**

Lined Pit: \_\_\_\_\_ Unlined Pit: \_\_\_\_\_ Closed Loop: YES Semi-Closed Loop: \_\_\_\_\_  
 Multi-Well: \_\_\_\_\_ Disposal Location: \_\_\_\_\_

**Comment:** At time of inspection crew was nipling up with conductor set at 90'. Inspector noted 5 valid fire extingusihers in and around rig and TIW valve on rig floor. There are currently 11 400BBL temporary tanks on location for drilling operation. 3 tanks are freash water and 8 tanks are brine water.

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

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

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Check Dams	Pass	Culverts	Pass	Self Inspection	Pass	Repairs in work from storm event.
Tackifiers	Pass					
Sediment Traps	Pass					
Ditches	Pass	Gravel	Pass			Water tank, electric generator, sewage for tailers
Rip Rap	Pass	Waddles	Pass			
Compaction	Pass	Ditches	Pass	Spill Response	Pass	Spill kits available.
Berms	Pass	Check Dams	Pass	Covering Materials	Pass	Bulk storage area covered and in containment.
Other	Pass					Tracked
Gravel	Pass	Rip Rap	Pass			Light plants with spill prevention.
Drains	Pass	Retention Ponds	Pass			with spill prevention.
Seeding	Pass					
Blankets	Pass	Compaction	Pass	Material Handling And Spill Prevention	Pass	Equip, materials, fuel tank with spill prevention.
Waddles	Pass	Sediment Traps	Pass			Blow down tank with containment.
Other	Pass					Liner covering drilling location.

Comment: Numerous stormwater BMPs installed to manage stormwater and stormwater runoff. Liner is employed at rig drilling site and support equipment layout has additional containments and spill prevention. Location is circled with earthen bermed with straw waddles ringing outside perimeter of location. At time of inspection additional BMPs were being installed along access road and repair crews were on-site actively inspecting and repairing BMPs with de minimis erosion after previous evenings major storm event.

Corrective Action:

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

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

**Attached Documents**

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

Document Num	Description	URL
401361277	INSPECTION SUBMITTED	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4213432">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4213432</a>
685303613	Inspection pictures.	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4213424">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4213424</a>