

**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

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Inspection Date:

07/22/2014

Document Number:

669500222

Overall Inspection:

SATISFACTORY**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	436933	436933	ROY, CATHERINE	<input type="checkbox"/>	

Operator Information:OGCC Operator Number: 46685Name of Operator: KINDER MORGAN CO2 CO LPAddress: 17801 HWY 491City: CORTEZ State: CO Zip: 81321

- ☐ THIS IS A FOLLOW UP INSPECTION
- ☐ FOLLOW UP INSPECTION REQUIRED
- ☒ NO FOLLOW UP INSPECTION REQUIRED
- ☐ INSPECTOR REQUESTS FORM 42 WHEN CORRECTIVE ACTIONS ARE COMPLETED

Contact Information:**Compliance Summary:**QtrQtr: Lot 13 Sec: 10 Twp: 38N Range: 19W**Inspector Comment:****Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
436933	LOCATION	AC	04/27/2014		-	CB Cluster	AC

Equipment:Location Inventory

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

Location

Emergency Contact Number (S/A/V): _____

Corrective Date: _____

Comment: _____

Corrective Action: _____

Spills:

Type	Area	Volume	Corrective action	CA Date
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☐ Multiple Spills and Releases?**Venting:**

Yes/No	Comment

Flaring:				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

Predrill

Location ID: 436933

Site Preparation:

Lease Road Adeq.: SATISFACTORY

Pads: SATISFACTORY

Soil Stockpile: _____

S/A/V: SATISFACT

Corrective Action: _____ Date: _____ CDP Num.: _____

Form 2A COAs:

Group	User	Comment	Date
OGLA	kubeczkd	Notify the COGCC 48 hours prior to start of cluster facility pad construction and start of operations using Form 42 (the appropriate COGCC individuals will automatically be email notified).	03/14/2014
OGLA	kubeczkd	Operator shall pressure test pipelines in accordance with Rule 1101.e.(1) prior to putting into initial service any temporary surface or permanent buried pipelines and following any reconfiguration of the pipeline network. Operator shall notify the COGCC Oil and Gas Location Assessment (OGLA) Specialist for Western Colorado (Dave Kubeczko; email dave.kubeczko@state.co.us) and the COGCC Field Inspection Supervisor for Southwest Colorado (Steve Labowskie; email steve.labowskie@state.co.us) 48 hours prior to testing surface or buried poly/steel pipelines.	03/14/2014

S/A/V: _____ **Comment:** _____**CA:** _____ **Date:** _____**Wildlife BMPs:**

BMP Type	Comment
Interim Reclamation	Disturbed areas not necessary for operation and maintenance will be re-contoured and roughened to blend into the surrounding terrain. In addition, a landowner approved seed mix will be applied at the appropriate time using seeding and mulching methods outlined in the Kinder Morgan Master Stormwater Management Plan (MSWMP). Weed control will be employed to help facilitate vegetation reestablishment.
Construction	All equipment will be contained within the project area of disturbance. Vegetation that does not need to be removed will be avoided during construction and removed vegetation will be cut near ground level, leaving the root system intact except where permanent facilities, roads, or ROWs require the complete removal of vegetation.
Storm Water/Erosion Control	Erosion control barriers, namely fiber wattles, will be placed around stock piled soils and at the edge of disturbance where necessary. Care will be taken to avoid disturbance outside of the project area unless it is deemed necessary for equipment stability and fire safety. Soil roughening will be used in all disturbed areas. Fuel and chemicals stored within the project area will be within secondary containment to reduce the potential for spills or releases. BMPs will be maintained or amended by Kinder Morgan as site conditions change throughout the construction and reclamation process.
Final Reclamation	All disturbed areas that are not necessary for operational procedures will be restored to at least 70 percent of pre-disturbance vegetative cover.
Dust control	All access and parking surfaces will be graveled to aid in dust mitigation.
Noise mitigation	During normal operations, the CB Cluster will remain within COGCC regulations for noise. The COGCC noise levels may be exceeded on a short-term basis during construction.
Planning	A Kinder Morgan Fire Mitigation Plan is currently on file with Montezuma County.

Emissions mitigation	All CO2 Cluster Stations are equipped with electronic controls which monitor CO2 leaks. These monitors are directly linked to the Supervisory Control and Data Acquisition (SCADA). All personnel are equipped with H2S monitoring devices.
Traffic control	<p>All access roads will be fully compliant with local county road standards. Access roads will be composed of compacted gravel.</p> <p>Kinder Morgan is working with CDOT to develop an appropriate State Highway Access Permit and Method of Handling Traffic plan.</p> <p>Kinder Morgan and (or) contractors/subcontractors will use Rd. CC or other routes as established and approved by CDOT and Montezuma County. Reduced speed and courtesy will be exercised by all employees and contractors/subcontractors.</p> <p>Magnesium chloride/ water will be used to control dust and particulate impacts to neighboring properties.</p> <p>Kinder Morgan keeps a road maintenance bond in place with Montezuma County.</p>
General Housekeeping	<p>The location will be adequately fenced to restrict access by unauthorized persons.</p> <p>On-site trash dumpsters will be emptied regularly by the local waste management company.</p>

S/A/V: _____ **Comment:** _____

CA: _____ **Date:** _____

Stormwater:

Erosion BMPs	Present	Other BMPs	Present
WADDLES	Yes		

S/A/V: SATISFACTORY

Corrective Action: _____ Date: _____

Comments: Erosion BMPs: **Straw wattles are installed around the perimeter of the majority of the location, at the top of cut slopes, and perpendicular to a water diversion ditch along the access road. These are all in good condition.**

Other BMPs: _____

DITCHES	Yes		
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S/A/V: SATISFACTORY

Corrective Action: _____ Date: _____

Comments: Erosion BMPs: **Water diversion ditches are located around the facility area diverting water down toward the access road and off location. See attached photos 1 and 2. A porous gravel material is present on the facility area that will help stabilize stormwater runoff.**

Other BMPs: _____

Comment: **Two areas, approximately 35 feet in diameter within the disturbance area were staked and left undisturbed (see Photo 3).**

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

Name: _____ Address: _____

Phone Number: _____ Cell Phone: _____

Operator Rep. Contact Information:

Landman Name: _____ Phone Number: _____

Date Onsite Request Received: _____ Date of Rule 306 Consultation: _____

Request LGD Attendance: _____

Inspector Name: ROY, CATHERINE

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:

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:

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

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? _____

RESTORATION AND REVEGETATIONCropland

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 _____

Well Release on Active Location ☐Multi-Well Location ☐**Storm Water:**

Loc Erosion BMPs

BMP
MaintenanceLease Road Erosion
BMPsLease BMP
Maintenance

Chemical BMPs

Chemical BMP
Maintenance

Comment

S/A/V: _____

Corrective Date: _____

Comment: _____

CA: _____

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
669500223	Photo 1. View of access road and straw wattles in roadside ditch facing eastward	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3391883
669500224	Photo 2. View of water diversion ditch at edge of facility area	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3391884
669500225	Photo 3. View of undisturbed area within the project disturbance area, fenced, and left vegetated.	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3391885