

State of Colorado
Oil and Gas Conservation Commission



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

FOR OGCC USE ONLY

REM 9703
Document 2526428
Date 06/09/2016

OGCC Employee:

Spill Complaint
 Inspection NOAV

Tracking No:

SITE INVESTIGATION AND REMEDIATION WORKPLAN

This form shall be submitted to the Director for approval prior to the initiation of site investigation and remediation activities. Form 27 is intended to be used whenever possible. Additional documentation will be required when large volumes of soil and groundwater have been impacted or involve large facilities with multiple source areas. See Rule 910. Attach as many pages as needed to fully describe the proposed work.

CAUSE OF CONDITION BEING INVESTIGATED AND REMEDIATED

Spill or Release Plug & Abandon Central Facility Closure Site/Facility Closure Other (describe): _____

OGCC Operator Number: <u>46685</u>	Contact Name and Telephone: <u>Andrew Antipas</u>
Name of Operator: <u>Kinder Morgan CO2 Company, LP</u>	No: <u>970-882-5534</u>
Address: <u>17801 Highway 491</u>	Fax: <u>970-882-5521</u>
City: <u>Cortez</u> State: <u>CO</u> Zip: <u>81321</u>	
API Number: <u>05-033-06129</u>	County: <u>Dolores County</u>
Facility Name: <u>Proposed Doe Canyon Water Disposal X-1</u>	Facility Number: <u>Location = 322125, Pit = 289825</u>
Well Name: <u>DWD</u>	Well Number: <u>X-1</u>
Location: (QtrQtr, Sec, Twp, Rng, Meridian): <u>SESE 20 40N 17W N PM</u> Latitude: <u>37.70627</u> Longitude: <u>-108.73984</u>	

TECHNICAL CONDITIONS

Type of Waste Causing Impact (crude oil, condensate, produced water, etc): NA. The well pad and reserve pits were never constructed.

Site Conditions: Is location within a sensitive area (according to Rule 901e)? Y N If yes, attach evaluation.

Adjacent land use (cultivated, irrigated, dry land farming, industrial, residential, etc.): dry land farming

Soil type, if not previously identified on Form 2A or Federal Surface Use Plan: NA.

Potential receptors (water wells within 1/4 mi, surface waters, etc.): NA.

Description of Impact (if previously provided, refer to that form or document):

Impacted Media (check):	Extent of Impact:	How Determined:
<input type="checkbox"/> Soils	_____	_____
<input type="checkbox"/> Vegetation	_____	_____
<input type="checkbox"/> Groundwater	_____	_____
<input type="checkbox"/> Surface Water	_____	_____

REMEDIALTION WORKPLAN

Describe initial action taken (if previously provided, refer to that form or document):

No work plan is necessary because the well pad and reserve pit though permitted were never constructed. Kinder Morgan is requesting that the location (322125) and reserve pit (289825) permits be closed. Note COGCC inspection was completed on 8/4/2015 (doc # 68060059) indicating location had never been constructed.

Describe how source is to be removed:
NA

Describe how remediation of existing impacts is to be accomplished, including removal and disposal at an injection well or licensed facility, land treatment on site, removal of impacted groundwater, insitu bioremediation, burning of oily vegetation, etc.:
NA



Tracking Number: _____
Name of Operator: _____
OGCC Operator No: _____
Received Date: _____
Well Name & No: _____
Facility Name & No: _____

Page 2
REMEDIATION WORKPLAN (Cont.)

OGCC Employee: _____

If groundwater has been impacted, describe proposed monitoring plan (# of wells or sample points, sampling schedule, analytical methods, etc.):

NA

Describe reclamation plan. Discuss existing and new grade recontouring; method and testing of compaction alleviation; and reseeding program, including location of new seed, seed mix and noxious weed prevention. Attach diagram or drawing. Use additional sheet for description if required.

NA

Attach samples and analytical results taken to verify remediation of impacts. Show locations of samples on an onsite schematic or drawing.

Is further site investigation required? Y N If yes, describe:

As previously discussed, though permitted the well pad and reserve pit were never constructed. No additional sampling is required.

Final disposition of E&P waste (landtreated and disposed onsite, name of licensed disposal facility, recycling, reuse, etc.):

NA

IMPLEMENTATION SCHEDULE

Date Site Investigation Began: _____ Date Site Investigation Completed: _____ Date Remediation Plan Submitted: _____
Remediation Start Date: _____ Anticipated Completion Date: _____ Actual Completion Date: _____

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct, and complete.

Print Name: Andrew Antipas Signed: Andrew Antipas
Title: Project Manager Date: 4/6/2016

OGCC Approved: [Signature] Title: Environmental Protection Specialist Date: 6/23/16

Never Built or Drilled



FORM 15 Rev 8/99

State of Colorado Oil and Gas Conservation Commission

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RECEIVED FOR OGCC USE ONLY JAN - 6 07 COGCC

EARTHEN PIT REPORT/PERMIT

This form is to be used for both reporting and permitting pits Rule 903 describes when a Permit with prior approval, or a Report within 30 days, is required for pits Submit required attachments and forms

Complete the Attachment Checklist

FORM SUBMITTED FOR:

Pit Report Pit Permit

Attachment Checklist table with columns for item name and checkboxes for completion.

SWD#1

OGCC Operator Number 46685 Name of Operator Kinder Morgan CO2 Company, Address 17801 Hwy 491 City Cortez State CO Zip 81321

Contact Name and Telephone Jeannie M. Johnston No 970 882-5517 Fax 970 882-5521

API Number (of associated well) 05033-06129 OGCC Facility ID (of other associated facility) Pit Location (CirQtr, Sec, Twp, Rng, Meridian) SE1/4 SE1/4 Section 20 T40N R17W NMPM Latitude 37.70627N Longitude 108.73984W County Dolores Pit Use Production Drilling (Attach mud program) Special Purpose (Describe Use) Pit Type Lined Unlined Surface Discharge Permit Yes No Offsite disposal of pit contents Injection Commercial Pit/Facility Name HWD Pit/Facility No Attach Form 26 to identify Source Wells and Form 25 to provide Produced Water Analysis results.

Existing Site Conditions

Is the location in a "Sensitive Area"? Yes No Attach data used for determination. Distance (in feet) to nearest surface water 4000' ground water N/A water wells N/A LAND USE (or attach copy of Form 2A if previously submitted for associated well) Select one which best describes land use Crop Land Irrigated Dry Land Improved Pasture Hay Meadow CRP Non-Crop Land Rangeland Timber Recreational Other (describe) Subdivided Industrial Commercial Residential SOILS (or attach copy of Form 2A if previously submitted for associated well) Soil map units from USNRCS survey Sheet No 10 Soil Complex/Series No 145 Soils Series Name Wetherill Loam Horizon thickness (in inches) A 0-7" B 7-31" C 31-48"

Pit Design and Construction

Size of pit (feet) Length 250' Width 150' Depth 10' Calculated pit volume (bbls) 43,194 Daily inflow rate (bbls/day) Daily disposal rates (attach calculations) Evaporation bbls/day Percolation bbls/day Type of liner material PVC Thickness 30 MIL Attach description of proposed design and construction (include sketches and calculations). Method of treatment of produced water prior to discharge into pit (separator, heater treater, other) Is pit fenced? Yes No Is pit netted? Yes No

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct, and complete. Print Name Jeannie M. Johnston Signed Jeannie M. Johnston Title Business Supervisor Date 12/29/06

OGCC Approved Kevin Spray Title EPS II Date 4/24/07

CONDITIONS OF APPROVAL, IF ANY: see attached

FACILITY NUMBER: 289825

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
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Inspection Date:
08/04/2015

Document Number:
680600059

Overall Inspection:
SATISFACTORY

FIELD INSPECTION FORM

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection
	<u>289378</u>	<u>322125</u>	<u>ROY, CATHERINE</u>	2A Doc Num: _____

Operator Information:

OGCC Operator Number: 46685

Name of Operator: KINDER MORGAN CO2 CO LP

Address: 17801 HWY 491

City: 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:

Contact Name	Phone	Email	Comment
Antipas, Andrew		andrew_antipas@kindermorg an.com	
Millican, Chris		chris_millican@kindermorgan. com	
Kennedy, Phil	970-270-7512	phil_kennedy@kindermorgan. com	
Conway, Jamie		James_Conway@kindermorg an.com	All inspections

Compliance Summary:

QtrQtr: SESE Sec: 20 Twp: 40N Range: 17W

Inspector Comment:

This is an abandoned location inspection. There is no evidence that a location was constructed and the area is consistent with surrounding bean crop. See attached photos.

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
289378	WELL	AL	11/10/2009	LO	033-06129	DOE CANYON DISPOSAL (DWD) X-1	AL <input checked="" type="checkbox"/>
289825	PIT	AC	03/26/2007	-	-	HWD	AC

Equipment:

Location Inventory

Special Purpose Pits: _____	Drilling Pits: _____	Wells: _____	Production Pits: _____
Condensate Tanks: _____	Water Tanks: _____	Separators: _____	Electric Motors: _____
Gas or Diesel Mortors: _____	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: 289378

Site Preparation:

Lease Road Adeq.: _____ Pads: _____ Soil Stockpile: _____

S/AV: _____

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

Form 2A COAs:

S/AV: _____ **Comment:** _____

CA: _____ **Date:** _____

Wildlife BMPs:

S/AV: _____ **Comment:** _____

CA: _____ **Date:** _____

Stormwater:

Comment: _____

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: _____

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:

Facility

Facility ID: 289378 Type: WELL API Number: 033-06129 Status: AL Insp. Status: AL

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: _____

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 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: _____

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: Abadoned location. _____ Date _____

Overall Final Reclamation Pass Well Release on Active Location Multi-Well Location

Storm Water:

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

S/A/V: _____ Corrective Date: _____

Comment: _____

CA: _____

Pits: NO SURFACE INDICATION OF PIT

Permit	Facility ID	Permit Num	Expiration Date
	289825	1733040	
	289825	1733040	

Attached Documents

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

Document Num	Description	URL
680600060	Abandoned location from road facing westward.	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3658749
680600061	Abandoned location from road facing northwestward.	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3658750