

Inspector Name: Maclaren, Joe

**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

Inspection Date:
09/03/2014Document Number:
674600895Overall Inspection:
SATISFACTORY**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	432957	432958	Maclaren, Joe	<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:

Contact Name	Phone	Email	Comment
Andrew, Antipas		andrew_antipas@kindermorgan.com	SW Insp Reports
Kennedy, Phil	970-270-7512	phil_kennedy@kindermorgan.com	SW Insp Reports
Millican, Chris		chris_millican@kindermorgan.com	SW Insp Reports

Compliance Summary:QtrQtr: NWNE Sec: 12 Twp: 37N Range: 18W**Inspector Comment:****Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
432957	WELL	PR	02/06/2014	LO	083-06704	YA 8	PR	<input checked="" type="checkbox"/>

Equipment:Location Inventory

Special Purpose Pits: _____	Drilling Pits: _____	Wells: <u>1</u>	Production Pits: _____
Condensate Tanks: _____	Water Tanks: _____	Separators: _____	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: _____

LocationEmergency Contact Number (S/A/V): SATISFACTORY

Corrective Date: _____

Comment: _____

Corrective Action: _____

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Good Housekeeping:				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
STORAGE OF SUPL	SATISFACTORY	Pipeline materials/ equipment neatly stored on well pad.		
OTHER		Wellhead cellar contains water.	Pump out water as soon as practical.	

Spills:				
Type	Area	Volume	Corrective action	CA Date
<input type="checkbox"/> Multiple Spills and Releases?				

Fencing/:				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
WELLHEAD	SATISFACTORY	Orange construction fencing around wellhead.		

Equipment:					
Type	#	Satisfactory/Action Required	Comment	Corrective Action	CA Date
Flow Line	1	SATISFACTORY	Stainless Steel		
Ancillary equipment	2	SATISFACTORY	Gas Line Risers with Valves		
Other	1	SATISFACTORY	Flowing Wellhead		

Venting:		
Yes/No	Comment	
NO		

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

Predrill

Location ID: 432957

Site Preparation:

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

S/A/V: _____

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

Form 2A COAs:

Group	User	Comment	Date
OGLA	kubeczkod	<p>SITE SPECIFIC COAs:</p> <p>A closed loop system (which operator has indicated on the Form 2A) must be implemented during drilling. All cuttings generated during drilling with OBM/high chloride mud must be kept in containers or on a lined/bermed portion of the well pad; prior to analysis and/or offsite disposal.</p> <p>The moisture content of any drill cuttings in a cuttings area or pile shall be as low as practicable to prevent accumulation of liquids greater than de minimis amounts.</p> <p>Notify the COGCC 48 hours prior to start of pad construction, rig mobilization, spud, and start of hydraulic stimulation operations using Form 42 (the appropriate COGCC individuals will automatically be email notified, including the LGD for hydraulic stimulation operations).</p> <p>Operator must implement best management practices to contain any unintentional release of fluids, including any fluids conveyed via temporary surface pipelines</p> <p>Operator must ensure 110 percent secondary containment for any volume of fluids contained at well site during drilling and completion operations; including, but not limited to, construction of a berm or diversion dike, diversion/collection trenches within and/or outside of berms/dikes, site grading, or other comparable measures (i.e., best management practices (BMPs) associated with stormwater management) sufficiently protective of nearby surface water. Any berm constructed at the well pad location will be stabilized, inspected at regular intervals (at least every 14 days), and maintained in good condition.</p> <p>If the well is to be hydraulically stimulated, then flowback and stimulation fluids must be sent to tanks, separators, or other containment/filtering equipment before the fluids can be placed into any pipeline, storage vessel, or lined pit (only if an amended Form 2A has been submitted/approved and a Form 15 Earthen Pit Permit has been submitted/approved) located on the well pad; or into tanker trucks for offsite disposal. The flowback and stimulation fluid tanks, separators, or other containment/filtering equipment must be placed on the well pad in an area with additional downgradient perimeter berming. The area where flowback fluids will be stored/reused must be constructed to be sufficiently impervious to contain any spilled or released material.</p> <p>Operator shall pressure test pipelines in accordance with Rule 1101.e.(1) prior to putting into initial service.</p> <p>All personnel must be H2S trained and proper air monitoring for H2S must be implemented during drilling, completion, and production operations. Emergency response plan for H2S must be onsite at all times.</p>	05/11/2013

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

CA: _____ **Date:** _____

Wildlife BMPs:

BMP Type	Comment
Storm Water/Erosion Control	<p>Fiber wattles will encompass the entire periphery of the disturbed area.</p> <p>Tackifier will be added to the stored topsoil piles and areas of interim reclamation to inhibit erosion. The slope ratio of stockpiled soils will not exceed 3:1.</p> <p>Stormwater BMPs will be maintained and/or amended by Kinder Morgan as site conditions change during the construction and reclamation process.</p>
General Housekeeping	Erosion control barriers, namely fiber wattles, will be placed 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.

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Interim Reclamation	Disturbed portions of the well pad 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 RSWMP. Weed control will be employed to help facilitate vegetation reestablishment.
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.
Construction	<p>All equipment will be stored within the Right-of-Way (ROW) area of disturbance. Top soil will be removed to create a level pad for drilling and an access road (Length: 850', ROW: 50'). The Drilling Facility Layout Map displays the areas that will be used for storage of building materials, equipment, and soil.</p> <p>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.</p>

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: 432957 Type: WELL API Number: 083-06704 Status: PR Insp. Status: PR

Producing Well

Comment: PR

Environmental

Spills/Releases:

Type of Spill: _____ Description: _____ Estimated Spill Volume: _____

Comment: _____

Corrective Action: _____ Date: _____

Reportable: _____ GPS: Lat _____ Long _____

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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: RANGELAND

Comment: _____

1003a. Debris removed? Pass CM _____
CA _____ CA Date _____
Waste Material Onsite? Pass CM _____
CA _____ CA Date _____
Unused or unneeded equipment onsite? Pass CM _____
CA _____ CA Date _____
Pit, cellars, rat holes and other bores closed? _____ CM _____
CA _____ CA Date _____
Guy line anchors removed? Pass CM _____
CA _____ CA Date _____
Guy line anchors marked? _____ CM _____
CA _____ CA Date _____

1003b. Area no longer in use? _____ Production areas stabilized ? Pass

1003c. Compacted areas have been cross ripped? _____

1003d. Drilling pit closed? Pass Subsidence over on drill pit? Pass

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? Pass 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? _____ P _____

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Comment:

Overall Interim Reclamation In Process

Final Reclamation/ Abandoned Location:

Date Final Reclamation Started:

Date Final Reclamation Completed:

Final Land Use: RANGELAND

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 Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Check Dams	Pass					
Waddles	Pass					
Compaction	Pass	Compaction	Pass			
Gravel	Pass	Gravel	Pass			

S/A/V: SATISFACTOR
Y

Corrective Date:

Comment:

CA:

Pits: ☐ NO SURFACE INDICATION OF PIT