Inspector Name: LONGWORTH, MIKE

FORM INSP Rev 05/11

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109

FIELD INSPECTION FORM

DE	ET	OE	ES

Inspection Date: 02/17/2012

Document Number: 663800173

Overall Inspection: Satisfactory

Location Identifier	Facility ID	Loc ID	Tracking Type	Inspector Name:
	279503	316485		LONGWORTH, MIKE

Operator Information:

OGCC Operator Number: 10286 Name of Operator: WILLIAMS PRODUCTION RYAN GULCH LLC

Address: 1515 ARAPAHOE ST TWR 3 STE 1000

City: DENVER State: CO Zip: 80202

Contact Information:

Contact Name	Phone	Email	Comment
Moss, Brad	(970) 285-9377	Brad.Moss@Williams.com	Production foreman

Compliance Summary:

QtrQtr: SWNE Sec: 27 Twp: 2S Range: 99W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Unsatisfactory	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
08/11/2011	200317859	RT	AC	S			N

Inspector Comment:

Mechanical Integrity Test

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	
159317	UIC DISPOSAL	AC	09/21/2009		-	FEDERAL 299-27-5	
279503	WELL	SI	07/15/2011	DSPW	103-10624	FEDERAL 299-27-5	X
316485	LOCATION	AC	04/14/2009		-	FEDERAL 299-27-5 SWD	

Equipment: Location Inventory

Special Purpose Pits:		Drilling Pits:		Wells:	1	Production Pits:	
Condensate Tanks:	2	Water Tanks:	12	Separators:	2	Electric Motors:	
Gas or Diesel Mortors:		Cavity Pumps:		LACT Unit:		Pump Jacks:	
Electric Generators:	2	Gas Pipeline:		Oil Pipeline:		Water Pipeline:	2
Gas Compressors:		VOC Combustor:		Oil Tanks:		Dehydrator Units:	
Multi-Well Pits:		Pigging Station:		Flare:		Fuel Tanks:	2

Location

Lease Road:

Type	Satisfactory/Unsatisfactory	comment	Corrective Action	Date
Access	Satisfactory			

Emergency Contact Number: (S/U/V) Satisfactory Corrective Date:

Comment:

Corrective Action:

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Good Housekeeping:				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
TRASH	Satisfactory			

Spills:				
Type	Area	Volume	Corrective action	CA Date

☐ Multilple Spills and Releases?

Venting:	
Yes/No	Comment

Flaring:				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date

Predrill

Location ID: 316485

Site Preparation:

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

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

Form 2A COAs:

Wildlife BMPs:

BMP Type	Comment
PROPOSED BMPs	Site Specific Conditions and Storm Water Management Plan SITE DESCRIPTION: Project/Site Name: Federal 299 -27 -5 Field Name: Ryan Gulch Location: Section 27, Township 2 South, Range 99 West CDPS Permit #:COR- 03A115 Site Type: Well Pad CDPS Permit Date: 05/16/06 Estimated Disturbance: —1.3 Acres (existing disturbance) SWMP Administrator: Mike Gardner Inspection Type: 14 day upon construction; 30 day upon interim reclamation SOIL AND VEGETATION DESCRIPTION: Soil Types: Redcreek- Rentsac complex Soil Erosion Potential: Moderate Pre Construction Estimated Runoff Coefficient: 0.1 -0.3 Post Construction Estimated Runoff Coefficient: 0.3 Existing Vegetation Description:Pinyon- Juniper woodland with assorted grasses /shrubs Pre - Disturbance Vegetative Cover: N/A (existing location)

Seed Mix for Interim Reclamation: TBD by BLM

Final Stabilization Date: TBD

RECEIVING WATERS

Name of Receiving Waters: Tributary to Stake Springs Draw to Colorado River

Distance to Receiving Waters: —0.25 Miles

Non -Storm Water Discharges: None Anticipated

Description of Potential Pollution Sources: Refer to Ryan Gulch Field Wide SWMP

Phased BMP Implementation:

Due to this being an existing location that is currently in interim reclamation,construction phase is not applicable. No additional surface disturbance is anticipated.

Construction Phase:

No additional surface disturbance is anticipated.

Interim Reclamation Phase:

The subject well pad is currently in interim reclamation. All areas not needed for production have been reclaimed. While the well is being prepared for injection, it may be necessary to stage additional equipment on the location. In the event that this occurs, and a disturbance to the reclaimed area is created, additional seeding efforts will be implemented.

A row of straw wattles will be installed along the northeast corner of the pad for additional stormwater management, and will be maintained until the site has achieved successful interim reclamation.

Final Stabilization Phase:

After all wells have been plugged and abandoned, and production facilities are removed, the well pad will be graded to restore pre - disturbance contours. Any remaining topsoil

will be spread onto the re- contoured surface. The well pad will be re- seeded upon completed grading activities. Storm water inspections will continue until the site has

reached a stabilization level of 70% of pre - disturbance conditions. Once the site reached final stabilization, a post construction storm water management program will be

implemented per COGCC Final Amended Rules (December 17, 2008), Rule 1002 (f) (3).

*NOTE:

This document is intended to serve as a preliminary plan to document proposed stormwater management practices for this project. Any additional/alternative site stabilization and/or reclamation efforts may be employed in reflection of unforeseen site conditions or resource availability, and will be

updated into the Ryan Gulch Field Wide SWMP per requirements of CDPS Permit COR- 03A115, regulated by the Colorado Department of Health and Environment's

(CDPHE) General Permit No. COR- 03000.

PROPOSED BMPs	Proposed BMPs Williams Production RMT Federal 299 -27 -5 SWD Well Attachment to Form 2A • To the extent practicable, share and consolidate new corridors for pipeline rights - of -way and roads to minimize surface disturbance. • Engineer new pipelines to reduce field fitting and reduce excessive right -of -way widths and reclamation. • Use wildlife appropriate seed mixes wherever allowed by surface owners and regulatory agencies. • Post speed limits and caution signs to the extent allowed by surface owners, Federal and state regulations, local government, and land use policies, as appropriate. • Use remote monitoring of well operations to the extent practicable. • Install and utilize bear -proof dumpsters and trash receptacles for food - related trash at all facilities that generate such trash. • Plan new transportation networks and new oil and gas facilities to minimize surface disturbance and the number and length of oil and gas roads and utilize common roads, rights of way, and access points to the extent practicable • Apply an aggressive, integrated, noxious and invasive weed management plan. Utilize an adaptive management strategy that permits effective responses to monitored findings and reflects local site and geologic conditions • Perform interim reclamation on all disturbed areas not needed for active support of production operations. • Control weeds in areas surrounding reclamation areas in order to reduce weed competition. • Educate employees and contractors about weed issues. • Maintain pre and post development site inspection records and monitor operations for compliance. • Utilize GIs technologies to assess the extent of disturbance and document the reclamation progression and the footprint of disturbances.

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: _____

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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:

Well

Facility ID: 279503 API Number: 103-10624 Status: SI Insp. Status: SI

Underground Injection Control

UIC Violation: Maximum Injection Pressure:

UIC Routine

Inj./Tube: Pressure or inches of Hg Previous Test Pressure MPP

(e.g. 30 psig or -30" Hg) Inj Zone: MVRD

TC: Pressure or inches of Hg Previous Test Pressure Last MIT: 02/17/2012

Brhd: Pressure or inches of Hg Previous Test Pressure AnnMTReq:

Comment:

Method of Injection:

Test Type: Verification of Repairs Tbg psi: 0 Csg psi: 1021 BH psi:

Insp. Status: Pass

Comment: 1027psi to 1021psi in 15 mins

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:

Lat Long

DWR Receipt Num: Owner Name: GPS :

Field Parameters:

Sample Location:

Emission Control Burner (ECB):

Comment:

Pilot: Wildlife Protection Devices (fired vessels):

Reclamation - Storm Water - Pit

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Interim Reclamation:

Date Interim Reclamation Started: _____ Date Interim Reclamation Completed: _____

Land Use: RANGELAND

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: 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 _____

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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

Storm Water:						
Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment

S/U/V: _____ Corrective Date: _____

Comment:

CA:

COGCC Comments

Comment	User	Date
Mechanical Integrity Test	longworm	02/29/2012