Inspector Name: CONKLIN, CURTIS

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: 12/20/2014

Document Number: 675200993

Overall Inspection: **ACTION REQUIRED**

FIELD INSPECTION FORM

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	334397	334397	CONKLIN, CURTIS	☐	

Operator Information:

OGCC Operator Number: 96850

Name of Operator: WPX ENERGY ROCKY MOUNTAIN LLC

Address: 1001 17TH STREET - SUITE #1200

City: DENVER State: CO Zip: 80202

- ☐ 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
WPX, Energy		COGCCInspectionReports@wpxenergy.com	All Inspections

Compliance Summary:

QtrQtr: SWSE Sec: 28 Twp: 7S Range: 96W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
10/31/2014	675200739			SATISFACTORY			No
04/09/2014	663902939			SATISFACTORY			No

Inspector Comment:

Inspection on flowback equipment from facility 334978 and follow up to inspection DOC#675200739.

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
295823	WELL	PR	08/31/2008	GW	045-15816	WRIGHT, SMALLWOOD, CASTEEL SG 34-28	PR	☒
295824	WELL	PR	08/31/2008	GW	045-15817	WRIGHT, SMALLWOOD, CASTEEL SG 324-28	PR	☒
295825	WELL	PR	08/31/2008	GW	045-15818	WRIGHT, SMALLWOOD, CASTEEL SG 344-28	PR	☒
415912	WELL	PR	02/16/2011	GW	045-19171	WRIGHT, CASTEEL AND SMALLWOOD SG 341-33	PR	☒
415915	WELL	PR	01/30/2011	GW	045-19173	WRIGHT, CASTEEL AND SMALLWOOD SG 544-28	PR	☒
415920	WELL	PR	02/16/2011	GW	045-19176	WRIGHT, CASTEEL AND SMALLWOoD SG 443-28	PR	☒

Inspector Name: CONKLIN, CURTIS

415922	WELL	PR	02/16/2011	GW	045-19177	WRIGHT, CASTEEL AND SMALLWOOD SG 24-28	PR	X
415931	WELL	PR	12/01/2010	GW	045-19180	WRIGHT, CAStEEL AND SMALLWOOD SG 31-33	PR	X
415933	WELL	PR	02/16/2011	GW	045-19181	WRIGHT, CASTEEL AND SMALLWOOD SG 331-33	PR	X
415942	WELL	PR	02/16/2011	GW	045-19183	WRIGHT, CASTEEL AND SMALLWOOD SG 434-28	PR	X
415953	WELL	PR	02/16/2011	GW	045-19188	WRIGHT, CASTEEL AND SMALLWOOD SG 533-28	PR	X
415956	WELL	PR	02/16/2011	GW	045-19189	WRIGHT, CASTEEL AND SMALLWOOD SG 424-28	PR	X
415963	WELL	PR	02/16/2011	GW	045-19193	WRIGHT, CASTEEL AND SMALLWOOD SG 431-33	PR	X
415965	WELL	PR	02/16/2011	GW	045-19194	WRIGHT, CASTEEL AND SMALLWOOD SG 433-28	PR	X
415966	WELL	PR	02/16/2011	GW	045-19195	WRIGHT, CASTEEL AND SMALLWOOD SG 543-28	PR	X
415970	WELL	PR	01/30/2011	GW	045-19197	WRIGHT, CASTEEL AND SMALLWOOD SG 334-28	PR	X
415974	WELL	PR	02/16/2011	GW	045-19198	WRIGHT, CASTEEL AND SMALLWOOD SG 44-28	PR	X
415977	WELL	PR	02/16/2011	GW	045-19200	WRIGHT, CASTEEL AND SMALLWOOD SG 41-33	PR	X
415978	WELL	PR	02/16/2011	GW	045-19201	WRIGHT, CASTEEL AND SMALLWOOD SG 444-28	PR	X
422634	PIT	CL	04/06/2011		-	SG 34-28	CL	

Equipment:

Location Inventory

Special Purpose Pits:		Drilling Pits:		Wells:	19	Production Pits:	
Condensate Tanks:	5	Water Tanks:	2	Separators:	5	Electric Motors:	
Gas or Diesel Mortors:	3	Cavity Pumps:		LACT Unit:		Pump Jacks:	
Electric Generators:	3	Gas Pipeline:		Oil Pipeline:		Water Pipeline:	
Gas Compressors:		VOC Combustor:		Oil Tanks:	4	Dehydrator Units:	
Multi-Well Pits:		Pigging Station:		Flare:	1	Fuel Tanks:	1

Location

Inspector Name: CONKLIN, CURTIS

Lease Road:

Type	Satisfactory/Action Required	comment	Corrective Action	Date
Access	ACTION REQUIRED	Rutted and damaged from recent heavy truck traffic. See attached photo.	Submit wotk plan with timeframes to repair entrance	01/23/2015

Signs/Marker:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
TANK LABELS/PLACARDS	SATISFACTORY			
WELLHEAD	SATISFACTORY			
CONTAINERS	SATISFACTORY			

Emergency Contact Number (S/A/V): SATISFACTORY Corrective Date:

Comment: 970-285-9377

Corrective Action:

Good Housekeeping:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
DEBRIS	ACTION REQUIRED	Debris from recent frac. See attached photo.	Remove to comply with rule 603.f.	01/23/2015

Spills:

Type	Area	Volume	Corrective action	CA Date

☐ Multilple Spills and Releases?

Fencing/:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
WELLHEAD	SATISFACTORY	Wire panels		

Equipment:

Type	#	Satisfactory/Action Required	Comment	Corrective Action	CA Date
Horizontal Heated Separator	20	SATISFACTORY			
Ancillary equipment	1	SATISFACTORY	Chem unit with containment		
Plunger Lift	19	SATISFACTORY			

Facilities: ☐ New Tank Tank ID:

Contents	#	Capacity	Type	SE GPS
PRODUCED WATER	2	500 BBLS	Open Top	,

S/A/V: SATISFACTORY Comment:

Corrective Action: Corrective Date:

Paint

Condition	Adequate

Other (Content)

Other (Capacity) _____

Other (Type) _____

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Earth	Adequate	Walls Sufficent	Base Sufficient	Adequate

Corrective Action		Corrective Date	
Comment	Source containment		

Facilities: ☐ New Tank Tank ID: _____

Contents	#	Capacity	Type	SE GPS
PRODUCED WATER	2	300 BBLS	STEEL AST	,

S/A/V:	SATISFACTORY	Comment:	

Corrective Action:		Corrective Date:	

Paint

Condition	Adequate

Other (Content) _____

Other (Capacity) _____

Other (Type) _____

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance

Corrective Action		Corrective Date	
Comment	Same as condensate		

Facilities: ☐ New Tank Tank ID: _____

Contents	#	Capacity	Type	SE GPS
CONDENSATE	4	300 BBLS	STEEL AST	,

S/A/V:	SATISFACTORY	Comment:	

Corrective Action:		Corrective Date:	

Paint

Condition	Adequate

Other (Content) _____

Other (Capacity) _____

Other (Type) _____

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Metal	Adequate	Walls Sufficent	Base Sufficient	Adequate

Corrective Action		Corrective Date	
Comment			

Facilities: ☐ New Tank Tank ID: _____

Contents	#	Capacity	Type	SE GPS
PRODUCED WATER	5	500 BBLS	STEEL AST	,

S/A/V:	SATISFACTORY	Comment:	Frac tanks

Inspector Name: CONKLIN, CURTIS

Corrective Action:		Corrective Date:	

Paint

Condition	Adequate

Other (Content) _____

Other (Capacity) _____

Other (Type) _____

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Earth	Adequate	Walls Sufficent	Base Sufficient	Adequate

Corrective Action		Corrective Date	
Comment	Source containment		

Venting:	
Yes/No	Comment
NO	

Flaring:				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
Field Flare	SATISFACTORY	Not active at time of inspection		

Predrill

Location ID: 334397

Site Preparation:

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

S/A/V: _____

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

Form 2A COAs:

Group	User	Comment	Date
Agency	yokleyb	Location is in a sensitive area due to close surface water; therefore, either a lined drilling pit or closed loop system must be implemented.	03/02/2010
Agency	yokleyb	Operator must implement best management practices to contain any unintentional release of fluids.	03/02/2010
OGLA	kubeczkd	Flowback and stimulation fluids from the wells/pads being completed using this frac pad (if applicable) 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 Permitted 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. Operator will implement measures to ensure that adequate separation of hydrocarbons from the influent occurs to prevent accumulation of oil on the surface of stored fluids. Operator shall also employ a method for monitoring buildup of phase-separated hydrocarbons on the surface of stored fluids.	11/26/2013

OGLA	kubeczkd	Operator must implement best management practices to contain any unintentional release of fluids at the frac pad location, as well as any fluids conveyed via temporary surface or buried permanent pipelines. Operator must ensure secondary containment for any volume of fluids contained at frac pad site during operations (as listed in the Proposed BMPs attachment and described in the Sensitive Area Data attachment); 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 pit/frac pad location will be stabilized, inspected at regular intervals (at least every 14 days), and maintained in good condition. Strategically apply fugitive dust control measures, including enforcing established speed limits on private roads, to reduce fugitive dust and coating of vegetation and deposition in water sources. Operator shall stabilize exposed soils and slopes as an interim measure during frac pad operations at this site. Berms or other containment devices shall be constructed to be sufficiently impervious (preferably corrugated steel with poly liner) to contain any spilled or released material around crude oil, condensate, and produced water storage tanks. Additional containment shall be required where temporary or permanent pumps and other necessary equipment or chemicals are located on the frac pad site. Operator will use adequately sized containment devices for all chemicals and/or hazardous materials stored or used on location.	11/26/2013
OGLA	kubeczkd	Notify the COGCC 48 hours prior to start of frac pad construction, pipeline installation, 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).	11/26/2013
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 Northwest Colorado (Shaun Kellerby; email shaun.kellerby@state.co.us) 48 hours prior to testing surface poly/steel or buried poly/steel pipelines. Operator must implement best management practices to contain any unintentional release of fluids along all portions of the surface pipeline route where temporary pumps and other necessary equipment are located. Operator must routinely inspect the entire length of the surface pipeline to ensure integrity. Operator shall conduct daily inspections of surface poly pipeline routes for leaks during active transfer of fluids. Inspections shall be conducted by viewing the length of the pipeline; operator will endeavor to minimize surface disturbance during pipeline monitoring. The operator shall maintain records of inspections, findings and repairs, if necessary, for the life of the pits. Operator must ensure 110 percent secondary containment for any potential volume of fluids that may be released from the surface pipeline at all sensitive area crossings, including, but not limited to stream, intermittent stream, ditch, and drainage crossings. Operator will utilize, to the extent practical, all existing access and other public roads, and/or existing pipeline right-of-ways, when placing/routing the surface pipelines. This will reduce surface disturbance and fragmentation of wildlife habitat in the area.	11/26/2013

Agency	yokleyb	Location is in a sensitive area because of close surface water; therefore, operator must ensure 110 percent secondary containment for any volume of fluids contained at well site during drilling and completion operations.	03/02/2010

S/A/V: _____ **Comment:** Location being used as site for flowback operations. Source containment is around temporary tanks, pumps, etc.

CA: _____ **Date:** _____

Wildlife BMPs:

BMP Type	Comment
Interim Reclamation	PRODUCTION/RECLAMATION BMP's * Use only certified weed-free native seed in seed mixes, except for non-native plants that benefit wildlife * WPX Energy will use certified, weed free grass hay, straw, hay or other mulch materials used for the reseeding and reclamation of disturbed areas. * Install exclusionary devices to prevent bird and other wildlife access to equipment stacks, vents and openings. * Reduce visits to well-sites through remote monitoring (i.e. SCADA) and the use of multi-function contractors.
PROPOSED BMPs	SG 34-28 In addition to compliance with General Operating Requirements required under COGCC rule 1203 to be applied in Sensitive Wildlife Habitat and Restricted Surface Occupancy areas or COGCC 1204 to be applied statewide or in areas noted in the Rule, Williams will employ the following BMPs.either field wide or at the specific location for which this Form 2A is being submitted. Field Wide BMPs: General • Prepare plans and studies to support wildlife conservation and protection • Contribute to and participate in wildlife studies and research efforts related to oil and gas activity's relationship to wildlife • Treat/control noxious weeds /plants including Tamarisk • Assist CDOW in obtaining access to private lands for wildlife research and conservation • Focus BMPs on critical wildlife seclusion and "crucial habitats' • Contribute to organizations that acquire /manage habitat • Continue to Support Operation Game Thief • Continue to support CDOW sportsman's programs • Participate in wildlife seminars and conferences (e.g. AFWA) • Focus Ranch and Property Management (Williams' owned/managed properties) on wildlife resources • Restrict and/or manage grazing to benefit wildlife • Construct habitat improvement projects as practical

Enforce policies to protect wildlife (e.g., no poaching, no firearms, no dogs on location, no feeding of wildlife, etc.).

• Inventory, monitor and remove obsolete, degraded, or hazardous fencing on Williams owned property

• Support research to test the effectiveness of specific Best Management Practices

Planning

• Conduct wildlife surveys to determine presence of game /non -game species /habitat

• Identify and Protect "crucial habitats"

• Site access roads, pads and facilities in locations that minimize habitat impacts

• Identify private and Federal land seclusion areas where drilling will be voluntarily deferred in critical seasonal habitats

• Identify and protect migration corridors

• Minimize well pad density to the extent possible

• Minimize the number, size and distribution of well pads and locate pads along existing roads where possible.

• Cluster well pads in the least environmentally sensitive areas.

•Plan pipelines routes ahead of time to avoid field fitting and reduce excessive ROW widths and reclamation.

•Adequately size infrastructure and facilities to accommodate both current and future gas production.

Construction

• Schedule necessary construction in stream courses to avoid critical spawning times.

• Surface roads to ensure that the anticipated volume of traffic and the weight and speed of vehicles using the road do not cause environmental damage, including generation of fugitive dust and contribution of sediment to downstream areas.

• Protect culvert inlets from erosion and sedimentation and install energy dissipation structures at outfalls

• Use the minimum right -of -way width and vegetation mats where pipelines cross riparian areas and streams wherever possible

• Construct fluid pit fences and nets that are capable of withstanding animal pressure and environmental conditions and that are appropriately sized for the wildlife encountered.

• Install impermeable barriers beneath fluid pits to protect groundwater, riparian areas and wetlands.

• Salvage topsoil from all road construction and other rights -of -way and re -apply during interim and final reclamation.

• Strip and segregate topsoil prior to construction. Appropriately configure topsoil piles and immediately seed to control erosion, prevent weed establishment and maintain soil microbial activity

	Drilling/Completions • Continue application of BMPs to prevent wildlife from entering pits including fencing and netting where appropriate • Limit days/hours operations where practical to minimize disturbance and traffic • Promptly report spills that affect wildlife to the CDOW. • Store and stage emergency spill response equipment at strategic locations so that it is available to expedite effective spill response. • Limit parking to already disturbed areas that have not yet been reclaimed • Screen water suction hoses to exclude fish. • Reduce noise by using effective sound dampening devices or techniques (e.g., hospital -grade mufflers, equipment housing, insulation, installation of sound barriers, earthen berms, vegetative buffers, etc.) Production/Reclamation •Gate access roads where necessary to minimize /control access to "crucial habitats"
PROPOSED BMPs	• Install automated emergency response systems (e.g., high tank alarms, emergency shut- down systems, etc.). • Implement fugitive dust control program • Avoid direct discharge of pipeline hydrostatic test water to any reservoir, lake, wetland, or natural perennial or seasonally flowing stream or river. • Locate above- ground facilities to minimize the visual effect (e.g., low profile equipment, appropriate paint color, vegetation screening in wooded areas, etc.). • Skim and eliminate oil from produced water ponds and fluid pits at a rate sufficient to prevent oiling of birds or other wildlife that could gain access to the pit. • 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 • Map the occurrence of existing weed infestations prior to development to effectively monitor and target areas that will likely become issues after development. • Evaluate the utility of soil amendment application or consider importing topsoil to achieve effective reclamation. • Use locally adapted seed whenever available and approved by landowner. • Use appropriately diverse reclamation seed mixes that mirror an appropriate reference area for the site being reclaimed where approved by landowner. • Conduct seeding in a manner that ensures that seedbed preparation and planting techniques are targeted toward the varied needs of grasses, forbs and shrubs (e.g., seed forbs and shrubs separately from grasses, broadcast big sagebrush but drill grasses, etc.) • Emphasize bunchgrass over sod - forming grasses in seed mixes in order to provide more

effective wildlife cover and to facilitate forb and shrub establishment.

• Seed during appropriate season to increase likelihood of reclamation success

• Do not include aggressive, non - native grasses in reclamation seed mixes

• Choose reference areas as goals for reclamation that have high wildlife value, with attributes such a diverse and productive understory of vegetation, productive and palatable shrubs, and a high prevalence of native species.

• Establish vegetation with total perennial non - invasive plant cover of at least eighty (80) percent of pre- disturbance or reference area levels.

• Establish vegetation with plant diversity of non - invasive species which is at least half that of pre - disturbance or reference area levels. Quantify diversity of vegetation using a metric that considers only species with at least 3 percent

relative plant cover.

• Establish permanent and monumented photo points and vegetation measurement plots or transects; monitor at least annually until plant cover, composition, and diversity standards have been met.

• Observe and maintain a performance standard for reclamation success characterized by the establishment of a self -sustaining, vigorous, diverse, locally appropriate plant community on the site, with a density sufficient to control erosion and non -native plant invasion and diversity sufficient to allow for normal plant community development.

• Use early and effective reclamation techniques, including interim reclamation to accelerate return of disturbed areas for use by wildlife

• Remove all unnecessary infrastructure during the production phase.

• Reclaim reserve pits as quickly as practical after drilling and ensure that pit contents do not contaminate soil.

• Remediate hydrocarbon spills on disturbed areas prior to reclamation.

• Complete final reclamation activities so that seeding occurs during the first optimal season following plugging and abandonment of oil and gas wells.

• Perform interim reclamation to final reclamation species composition and establishment standards.

• Perform interim reclamation on all disturbed areas not needed for active support of production operations

• Remove and properly dispose of degraded silt fencing and erosion control materials after their utility has expired

• Remove and properly dispose of pit contents where contamination of surface water, groundwater, or soil by pit contents cannot be effectively prevented

• Apply certified weed free mulch and crimp or tacify to remain in place to reclaim areas for seed preservation and moisture retention

• Control weeds in areas surrounding reclamation areas in order to reduce weed competition

• Educate employees and contractors about weed issues

• Where possible, fence livestock and/or wildlife out of newly reclaimed areas until reclamation standards have been met and plants are capable of sustaining herbivory

• Conduct necessary reclamation and invasive plant monitoring.

	• Census and assess the utilization of the reclaimed areas by the target species • 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 • Conduct reclamation field trials to match seed mixes, soil preparation techniques, and planting methods to local conditions. Site Specific BMPs: Planning • Share /consolidate corridors for pipeline ROWs to the maximum extent possible. • Maximize the utility of surface facilities by developing multiple wells from a single pad (directional drilling), and by co- locating multipurpose facilities (for example, well pads and compressors) to avoid unnecessary habitat fragmentation and disturbance of additional geographic areas. • Minimize newly planned activities and operations within 300 feet of the ordinary high water mark of any reservoir, lake, wetland, or natural perennial or seasonally flowing stream or river.
PROPOSED BMPs	• Locate roads outside of drainages where possible and outside of riparian habitat. • Avoid constructing any road segment in the channel of an intermittent or perennial stream. • Avoid new surface disturbance and placing new facilities in key wildlife habitats in consultation with CDOW. • Minimize the number, length, and footprint of oil and gas development roads; • Use existing roads where possible • Combine utility infrastructure (gas, electric, and water) planning with roadway planning to avoid separate utility corridors • Combine and share roads to minimize habitat fragmentation • Where possible, consolidate pipeline and existing roadways, or roadways that are planned for development • Place roads to avoid obstructions to migratory routes for wildlife, and to avoid displacement of wildlife from public to private lands. • Maximize the use of directional drilling to minimize habitat loss /fragmentation • Maximize use of remote completion/frac operations to minimize traffic • Maximize use of remote telemetry for well monitoring to minimize traffic • Phase and concentrate development activities, so that large areas of undisturbed habitat for wildlife remain. • Maintain undeveloped areas within development boundaries sufficient to allow wildlife to persist within development boundaries during all phases of construction, drilling, and production.

	Construction Structures for perennial or intermittent stream channel crossings should be constructed using appropriately sized bridges or culverts Drilling/Completions •Use centralized hydraulic fracturing operations. •Install and maintain adequate measures to exclude all types of wildlife (e.g., big game, birds, and small rodents) from all fluid pits (e.g., fencing, netting, and other appropriate exclusion measures). •Conduct well completions with drilling operations to limit the number of rig moves and traffic. Production/Reclamation •Remove well pad and road surface materials that are incompatible with post - production land use and re- vegetation requirements •Use only certified weed -free native seed in seed mixes, except for non - native plants that benefit wildlife •Install exclusionary devices to prevent bird and other wildlife access to equipment stacks, vents and openings. •Reduce visits to well -sites through remote monitoring (i.e. SCADA) and the use of multi - function contractors. •Avoid dust suppression activities within 300 feet of the ordinary high water mark of any reservoir, lake, wetland, or natural perennial or seasonally flowing stream or river where possible.
Drilling/Completion Operations	DRILLING/COMPLETIONS BMP's * Conduct well completions with drilling operations to limit the number of rig moves and traffic.
Planning	PLANNING BMP's * Maximize the utility of surface facilities by developing multiple wells from a single pad (directional drilling), and by co-locating multipurpose facilities (for example, well pads and compressors) to avoid unnecessary habitat fragmentation and disturbance of additional geographic areas. * Use existing roads where possible * Combine and share roads to minimize habitat fragmentation * Where possible, consolidate pipeline and existing roadways, or roadways that are planned for development * Maximize use of long-term centralized tank batteries to minimize traffic * Maximize use of remote telemetry for well monitoring to minimize traffic

Storm Water/Erosion Control	Although this location is located within 500 ft. of perennial, ephemeral, or intermittent surface water according to USGS mapped surface waters, the attached Sensitive Area Determination concludes that the location is not within a sensitive area due to the low potential for impacts to surface water in the case of a facility release. However, in order to satisfy COGCC guidance requiring that all locations within 500 ft. of mapped surface water incorporate BMPs to protect that surface water, Williams will employ the following BMPs at this location: • Williams will ensure 110 percent secondary containment for any volume of fluids contained at well site during drilling and completion operations. • Williams will implement best management practices to contain any unintentional release of fluids. • Either a lined drilling pit or closed loop system will be implemented.

S/A/V: **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: 295823 Type: WELL API Number: 045-15816 Status: PR Insp. Status: PR

Producing Well

Comment: PR w/ plunger

Facility ID: 295824 Type: WELL API Number: 045-15817 Status: PR Insp. Status: PR

Producing Well

Comment: PR w/ plunger

Facility ID: 295825 Type: WELL API Number: 045-15818 Status: PR Insp. Status: PR

Producing Well

Comment: PR w/ plunger

Facility ID: 415912 Type: WELL API Number: 045-19171 Status: PR Insp. Status: PR

Producing Well

Comment: PR w/ plunger

Facility ID: 415915 Type: WELL API Number: 045-19173 Status: PR Insp. Status: PR

Producing Well

Comment: PR w/ plunger

Facility ID: 415920 Type: WELL API Number: 045-19176 Status: PR Insp. Status: PR

Producing Well

Comment: PR w/ plunger

Facility ID: 415922 Type: WELL API Number: 045-19177 Status: PR Insp. Status: PR

Producing Well

Comment: PR w/ plunger

Facility ID: 415931 Type: WELL API Number: 045-19180 Status: PR Insp. Status: PR

Producing Well

Comment: PR w/ plunger

Facility ID: 415933 Type: WELL API Number: 045-19181 Status: PR Insp. Status: PR

Producing Well

Comment: PR w/ plunger

Facility ID: 415942 Type: WELL API Number: 045-19183 Status: PR Insp. Status: PR

Producing Well

Comment: PR w/ plunger

Facility ID: 415953 Type: WELL API Number: 045-19188 Status: PR Insp. Status: PR

Producing Well

Comment: PR w/ plunger

Facility ID: 415956 Type: WELL API Number: 045-19189 Status: PR Insp. Status: PR

Producing Well

Comment: PR w/ plunger

Facility ID: 415963 Type: WELL API Number: 045-19193 Status: PR Insp. Status: PR

Producing Well

Comment: PR w/ plunger

Facility ID: 415965 Type: WELL API Number: 045-19194 Status: PR Insp. Status: PR

Producing Well

Comment: PR w/ plunger

Facility ID: 415966 Type: WELL API Number: 045-19195 Status: PR Insp. Status: PR

Producing Well

Comment: PR w/ plunger

Inspector Name: CONKLIN, CURTIS

Facility ID: 415970 Type: WELL API Number: 045-19197 Status: PR Insp. Status: PR

Producing Well

Comment: PR w/ plunger

Facility ID: 415974 Type: WELL API Number: 045-19198 Status: PR Insp. Status: PR

Producing Well

Comment: PR w/ plunger

Facility ID: 415977 Type: WELL API Number: 045-19200 Status: PR Insp. Status: PR

Producing Well

Comment: PR w/ plunger

Facility ID: 415978 Type: WELL API Number: 045-19201 Status: PR Insp. Status: PR

Producing Well

Comment: PR w/ plunger

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: 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 _____

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 ☐

Inspector Name: CONKLIN, CURTIS

Storm Water:						
Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Berms	Pass	Compaction	Fail	VT	Pass	Cattle guard at entrance.
Gravel	Pass					
Compaction	Pass	Gravel	Pass			

S/A/V: _____ Corrective Date: _____

Comment: Location was muddy at time of inpsection but not rutted. See access road section of inspection.

CA:

Pits: ☒ NO SURFACE INDICATION OF PIT

COGCC Comments

Comment	User	Date
Actions from previous inspection have been resolved.	conklinc	12/20/2014

Attached Documents

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

Document Num	Description	URL
675200994	SG 34-28	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3512243

ACTION REQUIRED

ANY ACTION REQUIRED items listed on this report indicate that the oil and gas facility or the oil and gas operations listed on the report may be in violation of the rules and regulations of the Colorado Oil and Conservation Commission ("COGCC") and corrective action is required.

There is reasonable cause to believe that a violation of the Oil and Gas Conservation Act, or of any rule, regulation, or order of the Commission, or of any permit issued by the Commission, has occurred. The Operator's compliance with this Inspection Report is required to resolve these alleged violations. This document requires the Operator to timely respond to the COGCC and to comply with directives as listed by the **Corrective Action Deadline Date.** Failure to do so will result in the issuance of a Notice of Alleged Violation and initiation of enforcement proceedings in which COGCC will seek monetary penalties for the alleged violations pursuant to § 34 -60-121, C.R.S. and Rule 523, COGCC Rules of Practice and Procedure, 2 CCR 404-1. (Please note that the COGCC's penalty authority was recently increased to a maximum of $15,000 per day and penalties are no longer capped at a maximum of $10,000 per violation.)