

**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:

05/07/2013

Document Number:

663800975

Overall Inspection:

Satisfactory**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	
	322291	322291	LONGWORTH, MIKE	2A Doc Num:	

**Operator Information:**OGCC Operator Number: 96850 Name of Operator: WPX ENERGY ROCKY MOUNTAIN LLCAddress: 1001 17TH STREET - SUITE #1200City: DENVERState: COZip: 80202**Contact Information:**

Contact Name	Phone	Email	Comment
Insp., General	970-285-2665	cogcc.inspections@encana.com	

**Compliance Summary:**QtrQtr: SWNW Sec: 14 Twp: 7S Range: 95W**Inspector Comment:****Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	
210166	WELL	PA	12/03/2009	GW	045-05055	RULISON FEDERAL 14-95-7S-95W	<input checked="" type="checkbox"/>
414305	WELL	PR	12/01/2010	GW	045-18824	FEDERAL SP 522-14	<input checked="" type="checkbox"/>
414308	WELL	PR	12/31/2010	GW	045-18827	FEDERAL SP 321-14	<input checked="" type="checkbox"/>
414309	WELL	PR	12/01/2010	GW	045-18828	FEDERAL SP 411-14	<input checked="" type="checkbox"/>
414310	WELL	PR	12/01/2010	GW	045-18829	FEDERAL SP 13-14	<input checked="" type="checkbox"/>
422635	PIT	CL	04/06/2011		-	FEDERAL RULISON UNIT 14-95	<input type="checkbox"/>

**Equipment:****Location Inventory**

Special Purpose Pits: <u>        </u>	Drilling Pits: <u>        </u>	Wells: <u>17</u>	Production Pits: <u>        </u>
Condensate Tanks: <u>2</u>	Water Tanks: <u>4</u>	Separators: <u>17</u>	Electric Motors: <u>        </u>
Gas or Diesel Motors: <u>3</u>	Cavity Pumps: <u>        </u>	LACT Unit: <u>        </u>	Pump Jacks: <u>        </u>
Electric Generators: <u>3</u>	Gas Pipeline: <u>1</u>	Oil Pipeline: <u>1</u>	Water Pipeline: <u>1</u>
Gas Compressors: <u>        </u>	VOC Combustor: <u>        </u>	Oil Tanks: <u>        </u>	Dehydrator Units: <u>        </u>
Multi-Well Pits: <u>        </u>	Pigging Station: <u>        </u>	Flare: <u>1</u>	Fuel Tanks: <u>1</u>

**Location****Lease Road:**

Type	Satisfactory/Unsatisfactory	comment	Corrective Action	Date
Access	Satisfactory	Raining, wet roads		

<b>Signs/Marker:</b>				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
TANK LABELS/PLACARDS	Satisfactory			
CONTAINERS	Satisfactory			
WELLHEAD	Satisfactory			
BATTERY	Satisfactory			

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

Comment: \_\_\_\_\_

Corrective Action: \_\_\_\_\_

**Spills:**

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

<b>Fencing:</b>				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
WELLHEAD	Satisfactory			
SEPARATOR	Satisfactory			
IGNITOR/COMBUST OR	Satisfactory			
TANK BATTERY	Satisfactory			

<b>Equipment:</b>					
Type	#	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Bird Protectors	2	Satisfactory			
Plunger Lift	4	Satisfactory			
Horizontal Heated Separator	4	Satisfactory	No berm around separatos	Build a berm around separators	08/31/2013

**Facilities:** ☐ New Tank Tank ID: \_\_\_\_\_

Contents	#	Capacity	Type	SE GPS
CONDENSATE	2	300 BBLS	STEEL AST	39.439680,107.972730

S/U/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: \_\_\_\_\_

<b>Facilities:</b>		<input type="checkbox"/> New Tank		Tank ID: _____	
Contents	#	Capacity	Type	SE GPS	
PRODUCED WATER	2	300 BBLS	STEEL AST	,	
S/U/V:	Satisfactory		Comment: _____		
Corrective Action: _____				Corrective Date: _____	
<b>Paint</b>					
Condition	Adequate				
Other (Content) _____					
Other (Capacity) _____					
Other (Type) _____					
<b>Berms</b>					
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance	
Corrective Action				Corrective Date	
Comment _____					
<b>Venting:</b>					
Yes/No		Comment			
<b>Flaring:</b>					
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date	

**Predrill**

Location ID: 322291

**Site Preparation:**

Lease Road Adeq.: \_\_\_\_\_

Pads: \_\_\_\_\_

Soil Stockpile: \_\_\_\_\_

Corrective Action: \_\_\_\_\_

Date: \_\_\_\_\_ CDP Num.: \_\_\_\_\_

**Form 2A COAs:**

Group	User	Comment	Date
Agency	kubeczkod	<p>Project Rulison Form 2A Conditions of Approval (COAs) Part I</p> <p>14.COMPLY WITH ALL DOE OFFICE OF LEGACY MANAGEMENT REQUESTS FOR SAMPLING AND ANALYSIS OF NATURAL GAS AND OTHER MATERIALS ASSOCIATED WITH DRILLING AND PRODUCTION.</p> <p>23.OPERATOR MUST ENSURE 150 PERCENT SECONDARY CONTAINMENT FOR ANY VOLUME OF FLUIDS CONTAINED AT WELL SITE DURING DRILLING AND COMPLETION OPERATIONS. IF FLUIDS ARE CONVEYED VIA PIPELINE, OPERATOR MUST IMPLEMENT BEST MANAGEMENT PRACTICES TO CONTAIN ANY UNINTENTIONAL RELEASE OF FLUIDS.</p> <p>25C.FLOWBACK TO TANKS ONLY. SUBMIT A SECONDARY AND TERTIARY CONTAINMENT PLAN VIA SUNDRY NOTICE FORM 4 FOR THE TANKS. ATTN: CHRIS CANFIELD. OBTAIN APPROVAL OF THE PLAN PRIOR TO FLOWBACK.</p> <p>28.ALL MATERIALS REMOVED FOR SETTING THE CONDUCTOR OR FOR ANY OTHER EXCAVATION ON THIS SITE MUST BE SCREENED FOR GAMMA EMITTERS. IF ANY GAMMA EMITTER DETECTION ABOVE BACKGROUND IS ENCOUNTERED, THE OPERATOR MUST ISOLATE THE MATERIALS AND CONTACT COGCC, CDPHE, AND DOE FOR FURTHER INSTRUCTIONS.</p> <p>31.PRODUCED WATER FROM THIS LOCATION MAY NOT BE TRANSPORTED TO OR RE-USED AT ANOTHER LOCATION WITHOUT SPECIFIC WRITTEN APPROVAL FROM COGCC AND ONLY AFTER ANALYSIS CONFIRMS COMPLIANCE WITH THE RULISON SAP.</p> <p>32.DRILL SOLIDS AND CUTTINGS FROM THIS LOCATION MAY NOT BE TRANSPORTED TO, DISPOSED OF OR RE-USED AT ANOTHER LOCATION WITHOUT SPECIFIC WRITTEN APPROVAL FROM COGCC AND ONLY AFTER ANALYSIS CONFIRMS COMPLIANCE WITH THE RULISON SAP.</p> <p>33.A CLOSED LOOP MUD SYSTEM SHALL BE UTILIZED TO ENSURE CONTAINMENT OF ALL MATERIALS THAT HAVE BEEN IN CONTACT WITH DOWNHOLE STRATA AND FLUIDS. ALL CUTTINGS AND FRESH MAKE UP WATER STORAGE PITS SHALL BE LINED TO ENSURE CONTAINMENT. CONTOUR FEATURES, FRENCH DRAINS AND OTHER STORMWATER BMPS AS NECESSARY SHALL BE EMPLOYED TO ENSURE SITE INTEGRITY.</p>	10/22/2009

Agency	kubeczkod	<p>Project Rulison Form 2A Conditions of Approval (COAs) Part II</p> <p>34.NO INDIVIDUAL OPERATOR SHALL UTILIZE MORE THAN ONE RIG WITHIN ONE MILE OF THE PROJECT RULISON BLAST SITE AT ANY GIVEN TIME AND NO INDIVIDUAL OPERATOR SHALL UTILIZE MORE THAN TWO RIGS WITHIN A THREE MILE RADIUS OF THE SITE AT ANY GIVEN TIME. THE TOTAL NUMBER OF RIGS ALLOWED BY ALL OPERATORS WITHIN THREE MILES OF THE SITE SHALL BE LIMITED TO FIVE AT ANY GIVEN TIME.</p> <p>35.OPERATOR SHALL COMPLY WITH ALL PROVISIONS OF THE MOST RECENT COGCC APPROVED REVISION OF THE RULISON SAMPLING AND ANALYSIS PLAN. IN ADDITION TO THE PRODUCED WATER SAMPLING AND ANALYSIS OUTLINED IN SECTION 5.8 OF THE PLAN THE OPERATORS SHALL ALSO OBTAIN AND ANALYZE PRODUCED WATER SAMPLES ON WELLS DESCRIBED IN THE PLAN FOR CONSTITUENTS LISTED IN THE PLAN USING THE SPECIFIED METHOD WHERE APPLICABLE.</p> <p>37.PIT CONSTRUCTION SHALL COMPLY WITH THE RESERVE PIT AND LINER DESIGN TECHNICAL SPECIFICATIONS, DATED JULY 2008.</p> <p>38.THE MOISTURE CONTENT OF ANY DRILL CUTTINGS IN A CUTTINGS PIT, TRENCH, OR PILE SHALL BE AS LOW AS PRACTICABLE TO PREVENT ACCUMULATION OF LIQUIDS GREATER THAN DE MINIMIS AMOUNTS. AT THE TIME OF CLOSURE, THE DRILL CUTTINGS MUST ALSO MEET THE APPLICABLE STANDARDS OF TABLE 910-1.</p> <p>39.NO PORTION OF ANY PIT THAT WILL BE USED TO HOLD LIQUIDS SHALL BE CONSTRUCTED ON FILL MATERIAL, UNLESS THE PIT AND FILL SLOPE ARE DESIGNED AND CERTIFIED BY A PROFESSIONAL ENGINEER, SUBJECT TO REVIEW AND APPROVAL BY THE DIRECTOR PRIOR TO CONSTRUCTION OF THE PIT. THE CONSTRUCTION AND LINING OF THE PIT SHALL BE SUPERVISED BY A PROFESSIONAL ENGINEER OR THEIR AGENT. THE ENTIRE BASE OF THE PIT MUST BE IN CUT.</p>	10/22/2009
Agency	kubeczkod	<p>Project Rulison Form 2A Conditions of Approval (COAs) Part III</p> <p>*____.THE PROPOSED SURFACE CASING IS MORE THAN 50' BELOW THE DEPTH OF THE DEEPEST WATER WELL WITHIN 1MILE OF THE SURFACE LOCATION WHEN CORRECTED FOR ELEVATION DIFFERENCES. THE DEEPEST WATER WELL WITHIN 1 MILE IS 250 FEET DEEP. WATER WELLS WITHIN ONE (1) MILE OF ALL LOCATIONS MUST BE CHECKED.</p> <p>Rule 321THE OPERATOR SHALL COMPLY WITH RULE 321. AND IT SHALL BE THE OPERATOR'S RESPONSIBILITY TO ENSURE THAT THE WELLBORE COMPLIES WITH SETBACK REQUIREMENTS IN COMMISSION ORDERS OR RULES PRIOR TO PRODUCING THE WELL.</p>	10/22/2009

Comment:

CA:

Date:

**Wildlife BMPs:**

BMP Type	Comment
PROPOSED BMPs	<p>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</p>

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

- Identify conservation easement opportunities on Williams- owned /managed properties
- Acquire water rights and irrigate key habitat areas
- Restrict and /or manage grazing to benefit wildlife
- Fence and restrict activities in locations that provide high value habitat
- 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

	<p>deferred in critical seasonal habitats</p> <ul style="list-style-type: none"> <li>• Identify and protect migration corridors</li> <li>• Minimize well pad density to the extent possible</li> </ul>
PROPOSED BMPs	<ul style="list-style-type: none"> <li>• 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.</li> <li>• Locate roads outside of drainages where possible and outside of riparian habitat.</li> <li>• Avoid constructing any road segment in the channel of an intermittent or perennial stream.</li> <li>• Avoid new surface disturbance and placing new facilities in key wildlife habitats in consultation with CDOW.</li> <li>• Minimize the number, length, and footprint of oil and gas development roads;</li> <li>• Use existing roads where possible</li> <li>• Combine utility infrastructure (gas, electric, and water) planning with roadway planning to avoid separate utility corridors</li> <li>• Combine and share roads to minimize habitat fragmentation</li> <li>• Where possible, consolidate pipeline and existing roadways, or roadways that are planned for development</li> <li>• Place roads to avoid obstructions to migratory routes for wildlife, and to avoid displacement of wildlife from public to private lands.</li> <li>• Design roads with visual and auditory buffers or screens (e.g., topographic barriers, vegetation, and distance).</li> <li>• Maximize the use of directional drilling to minimize habitat loss /fragmentation</li> <li>• Maximize use of long -term centralized tank batteries to minimize traffic</li> <li>• Maximize use of remote completion/frac operations to minimize traffic</li> <li>• Maximize use of remote telemetry for well monitoring to minimize traffic</li> <li>• Phase and concentrate development activities, so that large areas of undisturbed habitat for wildlife remain.</li> <li>• Maintain undeveloped areas within development boundaries sufficient to allow wildlife to persist within development boundaries during all phases of construction, drilling, and production.</li> <li>• Minimize the duration of development and avoid repeated or chronic disturbance of developed areas. Complete all anticipated drilling within a phased,</li> </ul>

	<p>concentrated, development area during a single, uninterrupted time period.</p> <ul style="list-style-type: none"> <li>• Restrict oil and gas activities as practical during critical seasonal periods</li> <li>• Implement self imposed timing limitations to protect species and /or habitat</li> </ul> <p>Construction</p> <ul style="list-style-type: none"> <li>• Close and reclaim roads not necessary for development, including removing all bridges and culverts and recontouring/reclaiming all stream crossings.</li> <li>• Structures for perennial or intermittent stream channel crossings should be constructed using appropriately sized bridges or culverts</li> <li>• Design road crossings of streams to allow fish passage at all flows and to minimize the generation of sediment.</li> <li>• Design road crossings of streams at right angles to all riparian corridors and streams to minimize the area of disturbance to the extent possible.</li> <li>• Construct retention basins and ponds that benefit wildlife</li> </ul>
PROPOSED BMPs	<ul style="list-style-type: none"> <li>• Gate access roads where necessary to minimize /control access to "crucial habitats"</li> <li>• Install automated emergency response systems (e.g., high tank alarms, emergency shut- down systems, etc.).</li> <li>• Implement fugitive dust control program</li> <li>• Avoid direct discharge of pipeline hydrostatic test water to any reservoir, lake, wetland, or natural perennial or seasonally flowing stream or river.</li> <li>• Locate above -ground facilities to minimize the visual effect (e.g., low profile equipment, appropriate paint color, vegetation screening in wooded areas, etc.).</li> <li>• 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.</li> <li>• Apply an aggressive, integrated, noxious and invasive weed management plan.</li> </ul> <p>Utilize an adaptive management strategy that permits effective responses to monitored findings and reflects local site and geologic conditions</p> <ul style="list-style-type: none"> <li>• Map the occurrence of existing weed infestations prior to development to effectively monitor and target areas that will likely become issues after development.</li> <li>• Evaluate the utility of soil amendment application or consider importing topsoil to</li> </ul>



	<p>achieve effective reclamation.</p> <ul style="list-style-type: none"> <li>• Use locally adapted seed whenever available and approved by landowner.</li> <li>• Use appropriately diverse reclamation seed mixes that mirror an appropriate reference area for the site being reclaimed where approved by landowner.</li> <li>• 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.)</li> <li>• Emphasize bunchgrass over sod - forming grasses in seed mixes in order to provide more effective wildlife cover and to facilitate forb and shrub establishment.</li> <li>• Seed during appropriate season to increase likelihood of reclamation success</li> <li>• Do not include aggressive, non - native grasses in reclamation seed mixes</li> <li>• 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.</li> <li>• Establish vegetation with total perennial non - invasive plant cover of at least eighty (80) percent of pre- disturbance or reference area levels.</li> <li>• 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.</li> <li>• 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.</li> <li>• 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</li> </ul>
PROPOSED BMPs	<p>Drilling/Completions</p> <ul style="list-style-type: none"> <li>• Minimize the number, size and distribution of well pads and locate pads along existing roads where possible.</li> <li>• Cluster well pads in the least environmentally sensitive areas.</li> <li>• Plan pipelines routes ahead of time to avoid field fitting and reduce excessive</li> </ul>

ROW widths and reclamation.

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

Construction

Production/Reclamation

- 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
- 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.).
PROPOSED BMPs	<ul style="list-style-type: none"> <li>• 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).</li> <li>• Conduct well completions with drilling operations to limit the number of rig moves and traffic.</li> <li>• Utilize staked soil retention blankets for erosion control and reclamation of large surface areas with 3:1 or steeper slopes. Avoid use of plastic blanket materials.</li> <li>• Restore both form and function of impacted wetlands and riparian areas and mitigate erosion.</li> <li>• Remove well pad and road surface materials that are incompatible with post - production land use and re- vegetation requirements</li> <li>• Use only certified weed -free native seed in seed mixes, except for non - native plants that benefit wildlife</li> <li>• Install exclusionary devices to prevent bird and other wildlife access to equipment stacks, vents and openings.</li> <li>• Reduce visits to well -sites through remote monitoring (i.e. SCADA) and the use of multi - function contractors.</li> <li>• 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.</li> <li>• Bore pipelines that cross perennial streams</li> <li>• Install and use locked gates or other means to prevent unauthorized vehicular travel on roads and facility rights -of -way.</li> </ul>
PROPOSED BMPs	<p>Site Specific BMPs:</p> <p>erosion and non - native plant invasion and diversity sufficient to allow for normal plant community development.</p> <ul style="list-style-type: none"> <li>• Use early and effective reclamation techniques, including interim reclamation to accelerate return of disturbed areas for use by wildlife</li> <li>• Remove all unnecessary infrastructure during the production phase.</li> <li>• Reclaim reserve pits as quickly as practical after drilling and ensure that pit</li> </ul>

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 tacyfy 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
  - Identify native species for which commercial seed sources are not available.
- Provide support to contractors for developing cultivation and seed production techniques for needed species
- Conduct reclamation field trials to match seed mixes, soil preparation techniques, and planting methods to local conditions.

Planning

Inspector Name: LONGWORTH, MIKE

Pf d 6MP p, ?(Sh

- Share /consolidate corridors for pipeline ROWs to the maximum extent possible.

**Comment:**

**CA:**

**Date:**

**Stormwater:**

Erosion BMPs

Present

Other BMPs

Present

Corrective Action:

Date:

Comments: Erosion BMPs:

Other BMPs:

**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: 210166 Type: WELL API Number: 045-05055 Status: PA Insp. Status: PA

Facility ID: 414305 Type: WELL API Number: 045-18824 Status: PR Insp. Status: PR

**Producing Well**

Comment: Producing Well

Facility ID: 414308 Type: WELL API Number: 045-18827 Status: PR Insp. Status: PR

**Producing Well**

Comment: Producing Well

Facility ID: 414309 Type: WELL API Number: 045-18828 Status: PR Insp. Status: PR

**Producing Well**

Comment: Producing Well

Inspector Name: LONGWORTH, MIKE

Facility ID: 414310 Type: WELL API Number: 045-18829 Status: PR Insp. Status: PR

**Producing Well**

Comment: Producing Well

**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**

**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? Pass 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? In Production areas stabilized? Pass

1003c. Compacted areas have been cross ripped?

Inspector Name: LONGWORTH, MIKE

1003d. Drilling pit closed? Pass 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? P

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 \_\_\_\_\_ Multi-Well Location ☐

**Storm Water:**

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Compaction	Pass	Compaction	Pass			
Gravel	Pass	Ditches	Fail			
Berms	Pass	Berms	Pass	MHSP	Pass	
Seeding		Gravel	Pass			
Ditches	Fail	Culverts	Pass			

S/U/V: Unsatisfactory Corrective Date: 06/07/2013

Comment: \_\_\_\_\_

CA: Maintain BMPs

Permit: \_\_\_\_\_

Inspector Name: LONGWORTH, MIKE

	Facility ID	Permit Num	Expiration Date	
	422635	2213252		