

**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:  
07/07/2014

Document Number:  
663903418

Overall Inspection:  
SATISFACTORY

**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	436810	436810	LONGWORTH, MIKE	<input type="checkbox"/>	

**Operator Information:**

OGCC Operator Number:	<u>10456</u>
Name of Operator:	<u>CAERUS PICEANCE LLC</u>
Address:	<u>600 17TH STREET #1600N</u>
City:	<u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>

- 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
Winters, Ed		ewinters@caerusoilandgas.com	
Schmitz, Steve		sschmitz@caerusoilandgas.com	Drilling Manager
Kellerby, Shaun		shaun.kellerby@state.co.us	

**Compliance Summary:**

QtrQtr:	<u>Lot 11</u>	Sec:	<u>13</u>	Twp:	<u>7S</u>	Range:	<u>96W</u>
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Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
06/12/2014	675100052			SATISFACTORY Y			No
05/15/2014	663903192			SATISFACTORY Y			No

**Inspector Comment:**

**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
437038	WELL	DG	05/30/2014		045-22393	ISLAND RANCH 23D-13	WO	<input checked="" type="checkbox"/>
437039	WELL	DG	06/06/2014		045-22394	ISLAND RANCH 24B-13	WO	<input checked="" type="checkbox"/>
437040	WELL	XX	05/03/2014		045-22395	ISLAND RANCH 21D-24	WO	<input checked="" type="checkbox"/>
437041	WELL	DG	06/13/2014		045-22396	ISLAND RANCH 24D-13	WO	<input checked="" type="checkbox"/>
437042	WELL	XX	05/03/2014		045-22397	ISLAND RANCH 21A-24	DG	<input checked="" type="checkbox"/>
437043	WELL	DG	06/02/2014		045-22398	ISLAND RANCH 24A-13	WO	<input checked="" type="checkbox"/>
437044	WELL	DG	05/26/2014		045-22399	ISLAND RANCH 23C-13	WO	<input checked="" type="checkbox"/>
437045	WELL	DG	05/18/2014		045-22400	ISLAND RANCH 23A-13	WO	<input checked="" type="checkbox"/>
437046	WELL	DG	06/17/2014		045-22401	ISLAND RANCH 21B-24	WO	<input checked="" type="checkbox"/>
437047	WELL	DG	06/21/2014		045-22402	ISLAND RANCH 21C-24	WO	<input checked="" type="checkbox"/>
437048	WELL	DG	05/22/2014		045-22403	ISLAND RANCH 23B-13	WO	<input checked="" type="checkbox"/>
437049	WELL	DG	06/10/2014		045-22404	ISLAND RANCH 24C-13	WO	<input checked="" type="checkbox"/>

<b>Equipment:</b>		<u>Location Inventory</u>			
Special Purpose Pits: _____	Drilling Pits: _____	Wells: <u>13</u>	Production Pits: _____		
Condensate Tanks: <u>1</u>	Water Tanks: <u>3</u>	Separators: <u>4</u>	Electric Motors: _____		
Gas or Diesel Mortors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____		
Electric Generators: _____	Gas Pipeline: _____	Oil Pipeline: _____	Water Pipeline: _____		
Gas Compressors: _____	VOC Combustor: <u>1</u>	Oil Tanks: <u>1</u>	Dehydrator Units: _____		
Multi-Well Pits: _____	Pigging Station: <u>1</u>	Flare: <u>1</u>	Fuel Tanks: _____		

**Location**

<b>Signs/Marker:</b>				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
DRILLING/RECOMP	SATISFACTORY			

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

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

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

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

<b>Venting:</b>	
Yes/No	Comment

<b>Flaring:</b>				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

**Predrill**

Location ID: 436810

**Site Preparation:**  
 Lease Road Adeq.: \_\_\_\_\_ Pads: \_\_\_\_\_ Soil Stockpile: \_\_\_\_\_

**S/A/V:** \_\_\_\_\_  
 Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_ CDP Num.: \_\_\_\_\_

**Form 2A COAs:**

Group	User	Comment	Date
OGLA	kubeczkd	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).	03/24/2014

**S/A/V:** SATISFACTORY **Comment:** Consistant Form 42 notices

**CA:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Wildlife BMPs:**

BMP Type	Comment
Storm Water/Erosion Control	<ul style="list-style-type: none"> <li>• Run-on protection and run-off controls will be installed prior to the beginning of construction activities, as practicable, with consideration given to worker safety and site access. Additional structural and non-structural Best Management Practices (BMPs) will likely need to be installed during and following construction.</li> <li>• No stormwater run-off will be discharged to the Colorado River.</li> </ul>
Construction	<ul style="list-style-type: none"> <li>• Stockpiles for topsoil, excess cut material, and drill cuttings will be located in work areas within perimeter BMPs.</li> <li>• Stormwater BMPs will be installed per details in the Stormwater BMP manual.</li> <li>• Disturbed area of site will be left in a surface roughened condition when feasible.</li> <li>• BMPs will be protected, inspected and repaired as necessary.</li> <li>• Dust mitigation practices will be utilized.</li> <li>• The access road will be constructed and maintained as to not allow any sediment to migrate from the access road to nearby surface water or any drainages leading to surface water.</li> <li>• 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.</li> </ul>
Final Reclamation	<ul style="list-style-type: none"> <li>• BMPs installed during previous phases will be maintained and repaired as necessary.</li> <li>• Surface will be stabilized with gravel when feasible</li> <li>• BMPs will be inspected.</li> <li>• Seeding and mulching or the installation of erosion control blankets will take place where applicable.</li> <li>• All non-biodegradable temporary BMPs will be removed when applicable.</li> <li>• Dust mitigation practices will be utilized.</li> </ul>
General Housekeeping	<ul style="list-style-type: none"> <li>• Caerus will routinely inspect the surface pipeline to ensure integrity and 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.</li> <li>• Caerus will comply with Rule 609 Statewide Groundwater Baseline Sampling and Monitoring</li> </ul>
Interim Reclamation	<ul style="list-style-type: none"> <li>• Top soil, where present, will be segregated from deeper soils and replaced as top soil on the final grade, a process known as live topsoil handling.</li> <li>• In all cases, temporary disturbance will be kept to an absolute minimum.</li> <li>• Equipment and materials handling will be done on established sites to reduce area and extent of soil compaction.</li> <li>• Disturbances will be reseeded as soon as practical with the recommended mix in the re-vegetation section.</li> <li>• Topsoil stockpiles will be seeded with non-invasive sterile hybrid grasses, if stored longer than one growing season.</li> <li>• Prior to delivery to the site, equipment will be cleaned of soils remaining from previous construction sites which may be contaminated with noxious weeds.</li> <li>• If working in sites with weed-seed contaminated soil, equipment will be cleaned of potentially seed-bearing soils and vegetative debris prior to moving to uncontaminated terrain.</li> </ul>
Pre-Construction	<ul style="list-style-type: none"> <li>• A stabilized staging area will be prepared.</li> <li>• Vehicle tracking pads, geotextiles, or mud mats will be installed where applicable to provide designated access into the ROW.</li> <li>• Perimeter control BMPs will be installed.</li> <li>• Access to areas that are not to be disturbed will be limited to protect the existing vegetation.</li> <li>• Dust mitigation practices will be utilized.</li> </ul>
Wildlife	<ul style="list-style-type: none"> <li>• All garbage and any food items will be placed in bear proof trash containers. Personnel will not feed bears at any time. Bears will not be approached if encountered in the project area.</li> <li>• Seed mix used for interim and final reclamation is prescribed by the landowner.</li> <li>• Other considerations as described in the Wildlife Mitigation Plan with Colorado Division of Parks and Wildlife.</li> </ul>

Drilling/Completion Operations	<ul style="list-style-type: none"> <li>• Topsoil will be stockpiled as appropriate to maintain microbial viability.</li> <li>• Run-off from the facility will be controlled per Stormwater Management Plan.</li> <li>• Pooled water will be treated for mosquitoes to minimize the spread of the West Nile virus.</li> <li>• Caerus will 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.</li> </ul>
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**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: <u>437038</u>	Type: <u>WELL</u>	API Number: <u>045-22393</u>	Status: <u>DG</u>	Insp. Status: <u>WO</u>
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Facility ID: <u>437039</u>	Type: <u>WELL</u>	API Number: <u>045-22394</u>	Status: <u>DG</u>	Insp. Status: <u>WO</u>
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Facility ID: <u>437040</u>	Type: <u>WELL</u>	API Number: <u>045-22395</u>	Status: <u>XX</u>	Insp. Status: <u>WO</u>
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Facility ID: <u>437041</u>	Type: <u>WELL</u>	API Number: <u>045-22396</u>	Status: <u>DG</u>	Insp. Status: <u>WO</u>
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Facility ID: <u>437042</u>	Type: <u>WELL</u>	API Number: <u>045-22397</u>	Status: <u>XX</u>	Insp. Status: <u>DG</u>
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**Well Drilling**

**Rig:** Rig Name: Paterson 303 Pusher/Rig Manager: Whitey  
 Permit Posted: SATISFACTORY Access Sign: SATISFACTORY

**Well Control Equipment:**

Pipe Ram: YES Blind Ram: YES Hydril Type: YES  
 Pressure Test BOP: \_\_\_\_\_ Test Pressure PSI: \_\_\_\_\_ Safety Plan: YES

**Drill Fluids**

**Management:**

Lined Pit: \_\_\_\_\_ Unlined Pit: \_\_\_\_\_ Closed Loop: YES Semi-Closed Loop: \_\_\_\_\_  
 Multi-Well: YES Disposal Location: \_\_\_\_\_

**Comment:**

Final well drilled

**Cement**

**Cement Contractor**

Contractor Name: Hallibuton Contractor Phone: \_\_\_\_\_

**Surface Casing**

Cement Volume (sx): \_\_\_\_\_ Circulate to Surface: \_\_\_\_\_  
 Cement Fall Back: \_\_\_\_\_ Top Job, 1" Volume: \_\_\_\_\_

**Intermediate Casing**

Cement Volume (sxs): \_\_\_\_\_ Good Return During Job: \_\_\_\_\_

**Production Casing**

Cement Volume (sx): 1000 Good Return During Job: YES

**Plugging Operations**

Depth Plugs(feet range): \_\_\_\_\_ Cement Volume (sx): \_\_\_\_\_

Good Return During Job: \_\_\_\_\_ Cement Type: \_\_\_\_\_

Comment: Final well drilled

Facility ID: 437043 Type: WELL API Number: 045-22398 Status: DG Insp. Status: WO

Facility ID: 437044 Type: WELL API Number: 045-22399 Status: DG Insp. Status: WO

Facility ID: 437045 Type: WELL API Number: 045-22400 Status: DG Insp. Status: WO

Facility ID: 437046 Type: WELL API Number: 045-22401 Status: DG Insp. Status: WO

Facility ID: 437047 Type: WELL API Number: 045-22402 Status: DG Insp. Status: WO

Facility ID: 437048 Type: WELL API Number: 045-22403 Status: DG Insp. Status: WO

Facility ID: 437049 Type: WELL API Number: 045-22404 Status: DG Insp. Status: WO

**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: DRY LAND

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: DRY LAND

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
Gravel	Pass	Gravel	Pass			
Berms	Pass	Culverts	Pass	MHSP	Pass	
Waddles	Pass					
Compaction	Pass	Ditches	Pass	MHSP	Pass	
Ditches	Pass	Compaction	Pass	VT		

S/A/V: SATISFACTOR Corrective Date: \_\_\_\_\_

Y

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

CA: \_\_\_\_\_

**Pits:**  NO SURFACE INDICATION OF PIT