

**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: 10456Name of Operator: CAERUS PICEANCE LLCAddress: 600 17TH STREET #1600NCity: 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
Winters, Ed		ewinters@caerusoilandgas.com	
Schmitz, Steve		sschmitz@caerusoilandgas.com	Drilling Manager
Kellerby, Shaun		shaun.kellerby@state.co.us	

Compliance Summary:

QtrQtr:	Lot 11	Sec:	13	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)
06/12/2014	675100052			SATISFACTORY			No
05/15/2014	663903192			SATISFACTORY			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"/>

Equipment:Location Inventory

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 Motors: _____	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**Signs/Marker:**

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
DRILLING/RECOMP	SATISFACTORY			

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

Corrective Date: _____

Comment: _____

Corrective Action: _____

Spills:

Type	Area	Volume	Corrective action	CA Date
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☐ Multiple Spills and Releases?**Venting:**

Yes/No	Comment

Flaring:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

PredrillLocation 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"> • 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. • No stormwater run-off will be discharged to the Colorado River.
Construction	<ul style="list-style-type: none"> • Stockpiles for topsoil, excess cut material, and drill cuttings will be located in work areas within perimeter BMPs. • Stormwater BMPs will be installed per details in the Stormwater BMP manual. • Disturbed area of site will be left in a surface roughened condition when feasible. • BMPs will be protected, inspected and repaired as necessary. • Dust mitigation practices will be utilized. • 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. • 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.
Final Reclamation	<ul style="list-style-type: none"> • BMPs installed during previous phases will be maintained and repaired as necessary. • Surface will be stabilized with gravel when feasible • BMPs will be inspected. • Seeding and mulching or the installation of erosion control blankets will take place where applicable. • All non-biodegradable temporary BMPs will be removed when applicable. • Dust mitigation practices will be utilized.
General Housekeeping	<ul style="list-style-type: none"> • 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. • Caerus will comply with Rule 609 Statewide Groundwater Baseline Sampling and Monitoring
Interim Reclamation	<ul style="list-style-type: none"> • 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. • In all cases, temporary disturbance will be kept to an absolute minimum. • Equipment and materials handling will be done on established sites to reduce area and extent of soil compaction. • Disturbances will be reseeded as soon as practical with the recommended mix in the re-vegetation section. • Topsoil stockpiles will be seeded with non-invasive sterile hybrid grasses, if stored longer than one growing season. • Prior to delivery to the site, equipment will be cleaned of soils remaining from previous construction sites which may be contaminated with noxious weeds. • 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.
Pre-Construction	<ul style="list-style-type: none"> • A stabilized staging area will be prepared. • Vehicle tracking pads, geotextiles, or mud mats will be installed where applicable to provide designated access into the ROW. • Perimeter control BMPs will be installed. • Access to areas that are not to be disturbed will be limited to protect the existing vegetation. • Dust mitigation practices will be utilized.
Wildlife	<ul style="list-style-type: none"> • 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. • Seed mix used for interim and final reclamation is prescribed by the landowner. • Other considerations as described in the Wildlife Mitigation Plan with Colorado Division of Parks and Wildlife.

Inspector Name: LONGWORTH, MIKE

Drilling/Completion
Operations

- Topsoil will be stockpiled as appropriate to maintain microbial viability.
- Run-off from the facility will be controlled per Stormwater Management Plan.
- Pooled water will be treated for mosquitoes to minimize the spread of the West Nile virus.
- 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.

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: 437038 Type: WELL API Number: 045-22393 Status: DG Insp. Status: WO

Facility ID: 437039 Type: WELL API Number: 045-22394 Status: DG Insp. Status: WO

Facility ID: 437040 Type: WELL API Number: 045-22395 Status: XX Insp. Status: WO

Facility ID: 437041 Type: WELL API Number: 045-22396 Status: DG Insp. Status: WO

Facility ID: 437042 Type: WELL API Number: 045-22397 Status: XX Insp. Status: DG

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:

Inspector Name: LONGWORTH, MIKE

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 _____

Inspector Name: LONGWORTH, MIKE

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
Y

Corrective Date: _____

Comment: _____

CA: _____

Pits: ☐ NO SURFACE INDICATION OF PIT