

**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:  
05/13/2013

Document Number:  
670200447

Overall Inspection:  
**Unsatisfactory**

**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	<u>418827</u>	<u>418828</u>	<u>BURGER, CRAIG</u>	<input type="checkbox"/>	

**Operator Information:**

OGCC Operator Number: 10079 Name of Operator: ANTERO RESOURCES PICEANCE LLC  
 Address: 1625 17TH ST STE 300  
 City: DENVER State: CO Zip: 80202

**Contact Information:**

Contact Name	Phone	Email	Comment
Bleil, Robert	720-425-0303	rbleil@ursaresources.com	Regulatory and Environmental Manager
Kellerby, Shaun		Shaun.Kellerby@state.co.us	NW Field Supervisor

**Compliance Summary:**

QtrQtr: NESW Sec: 9 Twp: 7S Range: 91W

**Inspector Comment:**

Inspection is unsatisfactory due to expired permits and no interim reclamation performed. Stormwater issues are also present on location.

**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	
418826	WELL	XX	08/19/2010	LO	045-19815	CSF 24D-09-07-91	<input type="checkbox"/>
418827	WELL	PR	11/06/2010	GW	045-19816	CSF 32C-09-07-91	<input checked="" type="checkbox"/>
418829	WELL	XX	08/19/2010	LO	045-19817	CSF 23C-09-07-91	<input type="checkbox"/>
431108	NONFACILIT Y	XX	12/17/2012		-	Castle Spring flowline release 431108	<input type="checkbox"/>

**Equipment:**

Location Inventory

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

**Location**

**Signs/Marker:**

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
TANK LABELS/PLACARDS	Satisfactory			
WELLHEAD	Satisfactory			

Emergency Contact Number: (S/U/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>Fencing/:</b>				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
SEPARATOR	Satisfactory	cattle panel		
WELLHEAD	Satisfactory	cattle panel		

<b>Equipment:</b>					
Type	#	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Bird Protectors	2	Satisfactory			
Deadman # & Marked	2	Satisfactory	marker down		
Gathering Line	1	Satisfactory			
Emission Control Device	1	Unsatisfactory	Pilot light was off.	Keep pilot light on.	05/31/2013
Pig Station	1	Satisfactory			
Gas Meter Run	1	Satisfactory			
Vertical Heated Separator	5	Unsatisfactory	4 are not in use. No secondary containment provided.	Provide secondary containment and remove unused equipment.	06/07/2013
Plunger Lift	1	Satisfactory			

<b>Facilities:</b>				
<input type="checkbox"/> New Tank		Tank ID: _____		
Contents	#	Capacity	Type	SE GPS
CONDENSATE	2	300 BBLS	STEEL AST	39.458260, -107.558980
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
Metal	Adequate	Walls Sufficient	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:	same berm as condensate tanks	
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			
NO				
<b>Flaring:</b>				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Ignitor/Combustor	Unsatisfactory	Pilot light off.	Keep pilot light on.	05/31/2013

<b>Predrill</b>			
Location ID: 418828			
<b>Site Preparation:</b>			
Lease Road Adeq.:	Pads:	Soil Stockpile:	_____
Corrective Action:	Date:	CDP Num.:	_____
<b>Form 2A COAs:</b>			
Group	User	Comment	Date
OGLA	kubeczkod	The access road will be constructed as to not allow any sediment to migrate from the access road to nearby surface water or any drainages leading to surface water.	08/04/2010
OGLA	kubeczkod	Reserve pit (or any pit containing fluids [if constructed]) must be lined or closed loop system must be implemented during drilling.	08/04/2010
OGLA	kubeczkod	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.	08/04/2010

OGLA	kubeczkod	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.	08/04/2010
OGLA	kubeczkod	Operator must implement best management practices to contain any unintentional release of fluids.	08/04/2010
OGLA	kubeczkod	The location is in an area of high run off/run-on potential; therefore the pad shall be constructed to prevent any stormwater run-on and /or stormwater runoff.	08/02/2010
OGLA	kubeczkod	Operator must ensure 110 percent secondary containment for any volume of fluids contained at well site during drilling and completion operations.	08/04/2010
OGLA	kubeczkod	Operator must ensure 110 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.	08/04/2010

**Comment:** BMP's are in place but need maintenance.

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

**Wildlife BMPs:**

**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: 418827 Type: WELL API Number: 045-19816 Status: PR Insp. Status: PR

**Producing Well**  
Comment: plunger lift

**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): Y  
Comment:  
Pilot: OFF Wildlife Protection Devices (fired vessels): YES

**Reclamation - Storm Water - Pit**

**Interim Reclamation:**  
Date Interim Reclamation Started: Date Interim Reclamation Completed:  
Land Use: RANGELAND  
Comment: Permits are expired on two undrilled wells where conductor casings were installed. Conductors are capped. Interim reclamation has not begun and permits expired August 2012.  
1003a. Debris removed? Pass CM  
CA CA Date  
Waste Material Onsite? Pass CM  
CA CA Date  
Unused or unneeded equipment onsite? Fail CM Unused separators on location.  
CA Remove unused equipment. CA Date 06/07/2013  
Pit, cellars, rat holes and other bores closed? CM  
CA  
Guy line anchors removed? CM

CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Guy line anchors marked? Pass CM At least one marker down.  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_

1003b. Area no longer in use? Fail Production areas stabilized ? Pass  
 1003c. Compacted areas have been cross ripped? \_\_\_\_\_  
 1003d. Drilling pit closed? Pass Subsidence over on drill pit? Pass

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? Pass 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: Comply with rule 1003 for interim reclamation.

Overall Interim Reclamation Fail

**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
		Retention Ponds	Pass			
Seeding	Pass	Seeding	Pass			
Blankets	Fail	Blankets	Pass			
		Rip Rap	Pass			

Inspector Name: BURGER, CRAIG

Ditches	Pass	Ditches	Fail			
Check Dams	Pass	Check Dams	Fail			
		Culverts	Pass			
Waddles	Pass	Waddles	Pass			

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

Comment: Two large erosion gulleys present in fill slope. Sediment appears to have been kept on location with the downgradient ditch and check dams.  
One is blocked at top by hay bales. The berm was rebuilt at the other and filled with gravel and rock.  
Some slope movement may be occurring.  
Cut slope blankets need maintenance and erosion rills are present.  
Erosion is occurring in some access road ditches and some gravel bag checks are silted in.

CA: Provide and maintain adequate stormwater and erosion control BMP's.