

<b>FORM INSP</b>  Rev 05/11	<b>State of Colorado</b> <b>Oil and Gas Conservation Commission</b> <small>1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109</small>		DE	ET	OE	ES
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Inspection Date:  
05/08/2012

Document Number:  
663800322

Overall Inspection:  
Satisfactory

**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Tracking Type	Inspector Name: <u>LONGWORTH, MIKE</u>
	<u>421530</u>	<u>335541</u>		

**Operator Information:**

OGCC Operator Number: 10079 Name of Operator: ANTERO RESOURCES PICEANCE CORPORATION

Address: 1625 17TH ST STE 300

City: DENVER State: CO Zip: 80202

**Contact Information:**

Contact Name	Phone	Email	Comment
Black, Jon	970 625 9922	jblack@anteroresources.com	Operations Manager: Piceance Basin

**Compliance Summary:**

QtrQtr: SESE Sec: 16 Twp: 6S Range: 92W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Unsatisfactory	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
03/31/2011	200306174	DG	DG	S			N

**Inspector Comment:**

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**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	
289392	WELL	PR	06/18/2011	LO	045-13754	O'Toole A1	X
289393	WELL	PR	06/18/2011	LO	045-13753	O'Toole A2	X
289394	WELL	PR	07/14/2007	GW	045-13752	O'TOOLE A3	X
289395	WELL	PR	02/21/2007	LO	045-13751	O'TOOLE A4	X
301931	WELL	PR	02/17/2012	LO	045-18327	O'Toole A6	X
301932	WELL	PR	02/17/2012	LO	045-18328	O'Toole A7	X
301933	WELL	PR	02/17/2012	LO	045-18329	O'Toole A5	X
301934	WELL	PR	06/17/2011	LO	045-18330	O'Toole A8	X
421530	WELL	PR	06/19/2011		045-20400	O'Toole A9	X

**Equipment:** Location Inventory

Special Purpose Pits: _____	Drilling Pits: _____	Wells: <u>9</u>	Production Pits: _____
Condensate Tanks: <u>3</u>	Water Tanks: <u>3</u>	Separators: <u>3</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**

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<b>Lease Road:</b>				
Type	Satisfactory/Unsatisfactory	comment	Corrective Action	Date
Main	Satisfactory			

<b>Signs/Marker:</b>				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
BATTERY	Satisfactory			
WELLHEAD	Satisfactory			
TANK LABELS/PLACARDS	Satisfactory	Labels small for reading distance		

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

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

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

<b>Good Housekeeping:</b>				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
TRASH	Satisfactory			

<b>Spills:</b>				
Type	Area	Volume	Corrective action	CA Date
Condensate	Truck Loadout	<= 5 bbls	clean up and remediate oil stains at tank battery	05/15/2012

Multiple Spills and Releases?

<b>Fencing/:</b>				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
WELLHEAD	Satisfactory			

<b>Equipment:</b>					
Type	#	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Horizontal Heated Separator	12	Satisfactory			
Plunger Lift	8	Satisfactory			
Bird Protectors	6	Satisfactory			
Deadman # & Marked	9	Unsatisfactory		deadman needs marked	05/15/2012

<b>Facilities:</b>		<input type="checkbox"/> New Tank	Tank ID: _____	
Contents	#	Capacity	Type	SE GPS
CONDENSATE	6	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
Metal	Adequate	Walls Sufficient	Base Sufficient	Inadequate
Corrective Action	Clean out berm			Corrective Date 05/15/2012
Comment	Gravel in the berm is saturated with condensate			
<b>Venting:</b>				
Yes/No	Comment			
<b>Flaring:</b>				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date

<b>Predrill</b>			
Location ID: 335541			
<b>Site Preparation:</b>			
Lease Road Adeq.:	Pads:	Soil Stockpile:	_____
Corrective Action:	Date:	CDP Num.:	_____
<b>Form 2A COAs:</b>			
Group	User	Comment	Date
Permit	garrisop	The minimum setback from each well head to the above ground utility lines must be at least 1 ½ times the height of the derrick (measured from ground to crown). The minimum setback shall be achieved for a 136' rig by moving the utility poles and lines 7' north of the present pole and line locations.	02/07/2011
OGLA	kubeczko	Operator must implement best management practices to contain any unintentional release of fluids, including any fluids conveyed via temporary surface pipelines.	01/20/2011
OGLA	kubeczko	Operator must ensure 110 percent secondary containment for any volume of fluids contained at well site during drilling and completion operations; 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 sufficiently protective of nearby surface water.	01/20/2011

OGLA	kubeczko	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.	01/20/2011
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**Comment:** \_\_\_\_\_

**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: 289392 API Number: 045-13754 Status: PR Insp. Status: PR

Facility ID: 289393 API Number: 045-13753 Status: PR Insp. Status: PR

Facility ID: 289394 API Number: 045-13752 Status: PR Insp. Status: PR

Facility ID: 289395 API Number: 045-13751 Status: PR Insp. Status: PR

Facility ID: 301931	API Number: 045-18327	Status: PR	Insp. Status: PR
Facility ID: 301932	API Number: 045-18328	Status: PR	Insp. Status: PR
Facility ID: 301933	API Number: 045-18329	Status: PR	Insp. Status: PR
Facility ID: 301934	API Number: 045-18330	Status: PR	Insp. Status: PR
Facility ID: 421530	API Number: 045-20400	Status: PR	Insp. Status: PR

**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

**Storm Water:**

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment

S/U/V: \_\_\_\_\_ Corrective Date: \_\_\_\_\_

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

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

**Attached Documents**

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

Document Num	Description	URL
663800323	Well heads	<a href="http://cogcc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=2917232">http://cogcc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=2917232</a>
663800324	un marked deadman	<a href="http://cogcc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=2917233">http://cogcc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=2917233</a>
663800325	spills in tank berm	<a href="http://cogcc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=2917234">http://cogcc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=2917234</a>