

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		DE ET OE ES
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Inspection Date: 01/22/2013

Document Number: 670200037

Overall Inspection: Satisfactory

FIELD INSPECTION FORM

Location Identifier	Facility ID	Loc ID	Tracking Type	Inspector Name: <u>BURGER, CRAIG</u>
	<u>284133</u>	<u>335052</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
WESTERDALE, BARBARA		barbara.westerdale@state.co.us	
Black, Jon	970 625 9922/(435) 237-1169	jblack@anteroresources.com	Operations Manager: Piceance Basin

Compliance Summary:

QtrQtr: SWNW Sec: 8 Twp: 7S Range: 91W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Unsatisfactory	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
09/22/2006	200102995	DG	DG	S		P	N

Inspector Comment:

045-20102 not drilled, permit expired 2012.

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	
268446	WELL	PR	10/13/2011	GW	045-09260	CSF 12B-08-07-91	X
279976	WELL	PR	03/01/2012	GW	045-11123	CSF 41B-07-07-91	X
279977	WELL	PR	09/13/2005	GW	045-11124	CSF 11B-08-07-91	X
283753	WELL	PR	03/11/2009	GW	045-11985	CSF 21B-08-07-91	X
283838	WELL	PR	03/11/2009	GW	045-12007	CSF 42B-07-07-91	X
284133	WELL	PR	04/06/2006	GW	045-12086	CSF 22B-08-07-91	X
420101	WELL	XX	10/28/2010	LO	045-20102	CSF 12AWI-08-07-91	X

Equipment: Location Inventory

Special Purpose Pits: _____	Drilling Pits: _____	Wells: <u>7</u>	Production Pits: _____
Condensate Tanks: <u>2</u>	Water Tanks: <u>7</u>	Separators: <u>2</u>	Electric Motors: _____
Gas or Diesel Mortors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____
Electric Generators: <u>1</u>	Gas Pipeline: <u>1</u>	Oil Pipeline: <u>1</u>	Water Pipeline: <u>2</u>
Gas Compressors: _____	VOC Combustor: <u>1</u>	Oil Tanks: _____	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: <u>1</u>	Flare: _____	Fuel Tanks: _____

Location

Lease Road:				
Type	Satisfactory/Unsatisfactory	comment	Corrective Action	Date
Access	Satisfactory			

Signs/Marker:				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
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?				

Fencing/:				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
WELLHEAD	Unsatisfactory	Cattle fence and cellar hatches at wells.	Keep cellar hatches closed.	02/13/2013

Equipment:					
Type	#	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Plunger Lift	1	Satisfactory			
Horizontal Heated Separator	6	Satisfactory			
Pig Station	1	Satisfactory			
Bird Protectors	5	Satisfactory			

Facilities: New Tank Tank ID: _____

Contents	#	Capacity	Type	SE GPS
PRODUCED WATER	1	300 BBLS	STEEL AST	,

S/U/V: Satisfactory Comment: Capacity labeled as 300 bbl. May be 500 bbl. May need to be painted soon.Same berm as condensate tanks.

Corrective Action: _____ Corrective Date: _____

Paint

Condition	Adequate
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Other (Content) _____

Other (Capacity) _____

Other (Type) _____

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Metal	Adequate	Walls Sufficient	Base Sufficient	Adequate

Corrective Action _____ Corrective Date _____

Comment _____

Facilities:		<input type="checkbox"/> New Tank	Tank ID: _____		
Contents	#	Capacity	Type	SE GPS	
CONDENSATE	2	300 BBLs	STEEL AST	39.463980,-107.582370	
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 Sufficient	Base Sufficient	Adequate	
Corrective Action				Corrective Date	
Comment					
Venting:					
Yes/No		Comment			
Flaring:					
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date	

Predrill			
Location ID: 335052			
Site Preparation:			
Lease Road Adeq.:	Pads:	Soil Stockpile:	_____
Corrective Action:	Date:	CDP Num.:	_____
Form 2A COAs:			
Group	User	Comment	Date
OGLA	kubeczkod	Any pit constructed to hold fluids must be lined or a closed loop system (which Antero has already indicated on the Form 2A) must be implemented during drilling.	09/27/2010
OGLA	kubeczkod	Location is in a sensitive area because of proximity to surface water; therefore, 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. If fluids are conveyed via pipeline, operator must implement best management practices to contain any unintentional release of fluids. COA 5 - Operator must implement best management practices to contain any unintentional release of fluids. 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.	09/27/2010

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.	09/27/2010
OGLA	kubeczkod	Location is in a sensitive area because of proximity to surface water; therefore, 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. If fluids are conveyed via pipeline, operator must implement best management practices to contain any unintentional release of fluids.	09/27/2010
OGLA	kubeczkod	Operator must implement best management practices to contain any unintentional release of fluids.	09/27/2010
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.	09/27/2010

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: 268446 Type: WELL API Number: 045-09260 Status: PR Insp. Status: PR

Producing Well

Comment: Plunger lifter.

Facility ID: 279976 Type: WELL API Number: 045-11123 Status: PR Insp. Status: PR

Producing Well

Comment: Access hatch to cellar open.

Facility ID: 279977 Type: WELL API Number: 045-11124 Status: PR Insp. Status: PR

Producing Well

Comment: Access hatches to cellars are open.

Facility ID: 283753 Type: WELL API Number: 045-11985 Status: PR Insp. Status: PR

Producing Well

Comment:

BradenHead

Comment: May be venting.

CA:

CA Date:

Facility ID: 283838 Type: WELL API Number: 045-12007 Status: PR Insp. Status: PR

Facility ID: 284133 Type: WELL API Number: 045-12086 Status: PR Insp. Status: PR

Producing Well

Comment:

Facility ID: 420101 Type: WELL API Number: 045-20102 Status: XX Insp. Status: ND

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? In CM **Cellars open. Hatches need to be kept closed.**

CA **Keep hatches closed.** CA Date **02/22/2013**

Guy line anchors removed? _____ CM _____

CA _____ CA Date _____

Guy line anchors marked? _____ CM _____

CA _____ CA Date _____

1003b. Area no longer in use? Pass 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? _____ 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					
Gravel	Pass	Gravel	Pass	MHSP	Pass	

S/U/V: Satisfactory _____ Corrective Date: _____

Comment: Snow cover prevented complete inspection.

CA: _____