

**FORM
INSP**Rev
05/11**State of Colorado
Oil and Gas Conservation Commission**

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



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Inspection Date:

02/07/2012

Document Number:

661400055

Overall Inspection:

Unsatisfactory**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Tracking Type	Inspector Name:
	<u>417823</u>	<u>417777</u>		<u>KELLERBY, SHAUN</u>

Operator Information:OGCC Operator Number: 10079 Name of Operator: ANTERO RESOURCES PICEANCE CORPORATIONAddress: 1625 17TH ST STE 300City: DENVERState: COZip: 80202**Contact Information:**

Contact Name	Phone	Email	Comment
Black, Jon	970 625 9922/(435) 237-1169	jblack@anteroresources.com	Operations Manager: Piceance Basin

Compliance Summary:QtrQtr: Lot 10 Sec: 7 Twp: 6S Range: 91W**Inspector Comment:****Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	
417777	LOCATION	AC	06/14/2010		-	Frei A Pad	
417823	WELL	PR	01/17/2012	GW	045-19639	Frei A21	X
417824	WELL	PR	01/17/2012	GW	045-19640	Frei A11	X
417825	WELL	PR	01/17/2012	GW	045-19641	Frei A9	X
417829	WELL	PR	10/28/2011	GW	045-19642	Frei A16	X
419521	WELL	XX	09/29/2010		045-19945	Frei A20	X
419524	WELL	XX	09/29/2010		045-19946	Frei A17	X
419525	WELL	XX	09/29/2010		045-19947	Frei A14	X
419526	WELL	XX	09/29/2010		045-19948	Frei A13	X
419527	WELL	XX	09/29/2010		045-19949	Frei A12	X
419528	WELL	XX	09/29/2010		045-19950	Frei A15	X
419529	WELL	XX	09/29/2010		045-19951	Frei A18	X
419530	WELL	XX	09/29/2010		045-19952	Frei A4	X
419532	WELL	XX	09/29/2010		045-19953	Frei A5	X
419534	WELL	XX	09/29/2010		045-19954	Frei A2	X
419535	WELL	XX	09/29/2010		045-19955	Frei A19	X
419536	WELL	XX	09/29/2010		045-19956	Frei A22	X
419537	WELL	XX	09/29/2010		045-19957	Frei A8	X
419539	WELL	XX	09/29/2010		045-19958	Frei A1	X
419540	WELL	XX	09/29/2010		045-19959	Frei A3	X
419541	WELL	XX	09/29/2010		045-19960	Frei A6	X

419542	WELL	XX	09/29/2010		045-19961	Frei A10	X
419543	WELL	XX	09/29/2010		045-19962	Frei A7	X

Equipment:**Location Inventory**

Special Purpose Pits: _____	Drilling Pits: _____	Wells: <u>22</u>	Production Pits: _____
Condensate Tanks: <u>3</u>	Water Tanks: <u>4</u>	Separators: <u>6</u>	Electric Motors: _____
Gas or Diesel Motors: _____	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: _____	Flare: _____	Fuel Tanks: _____

Location**Signs/Marker:**

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
BATTERY	Unsatisfactory	sign located at the entry of pad, but is on a hill above the road and difficult to read.	Install sign to comply with rule 210.b.	03/31/2012
TANK LABELS/PLACARDS	Satisfactory			
WELLHEAD	Unsatisfactory	4 conductors in place with no sign. 4 well heads have a sign that is ok	Install sign to comply with rule 210.b.	03/31/2012

Emergency Contact Number: (S/U/V) UnsatisfactoryCorrective Date: 03/07/2012

Comment: Contact number is present on sign, but sign is difficult to read with present sign location.

Corrective Action: Move sign to a location that contact number can be seen.

Spills:

Type	Area	Volume	Corrective action	CA Date
Condensate	Tank	<= 5 bbls	All condensate needs to be removed from the inside of the tank battery.	02/17/2012

☐ Multiple Spills and Releases?**Fencing/:**

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
WELLHEAD	Satisfactory			

Equipment:

Type	#	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Plunger Lift	4	Satisfactory			
Emission Control Device	1	Satisfactory			
Ancillary equipment		Satisfactory	Manifold equipment on pad		
Deadman # & Marked		Unsatisfactory	Deadman not marked	Mark all deadman anchors on location	03/31/2012
Horizontal Heated Separator	4	Satisfactory			

Tanks/Berms:		<input type="checkbox"/> New Tank		Tank ID: _____	
Contents	#	Capacity	Type	SE GPS	
PRODUCED WATER	3	300 BBLS	STEEL AST	,	
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			Adequate	
Corrective Action				Corrective Date	
Comment					
Tanks/Berms:		<input type="checkbox"/> New Tank		Tank ID: _____	
Contents	#	Capacity	Type	SE GPS	
CONDENSATE	3	300 BBLS	STEEL AST	39.535580,107.603050	
S/U/V:			Comment: _____		
Corrective Action: _____				Corrective Date: _____	
Paint					
Condition					
Other (Content) _____					
Other (Capacity) _____					
Other (Type) _____					
Berms					
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance	
Corrective Action				Corrective Date	
Comment					
Venting:					
Yes/No	Comment				
NO					
Flaring:					
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date	
Predrill					
Location ID: 417777					
Site Preparation:					
Lease Road Adeq.: _____		Pads: _____		Soil Stockpile: _____	
Corrective Action: _____		Date: _____		CDP Num.: _____	

Form 2A COAs:

Group	User	Comment	Date
Agency	edelenr	Reserve pit must be lined or closed loop system must be implemented during drilling.	06/11/2010
Agency	edelenr	Operator must implement best management practices to contain any unintentional release of fluids.	06/11/2010
Agency	edelenr	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.	06/11/2010
Agency	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.	06/11/2010
Agency	edelenr	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.	06/11/2010
Agency	edelenr	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.	06/11/2010

Wildlife BMPs:**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:

Well

Facility ID:	<u>417823</u>	API Number:	<u>045-19639</u>	Status:	<u>PR</u>	Insp. Status:	<u>PR</u>
Facility ID:	<u>417824</u>	API Number:	<u>045-19640</u>	Status:	<u>PR</u>	Insp. Status:	<u>PR</u>
Facility ID:	<u>417825</u>	API Number:	<u>045-19641</u>	Status:	<u>PR</u>	Insp. Status:	<u>PR</u>
Facility ID:	<u>417829</u>	API Number:	<u>045-19642</u>	Status:	<u>PR</u>	Insp. Status:	<u>PR</u>
Facility ID:	<u>419521</u>	API Number:	<u>045-19945</u>	Status:	<u>XX</u>	Insp. Status:	<u>ND</u>
Facility ID:	<u>419524</u>	API Number:	<u>045-19946</u>	Status:	<u>XX</u>	Insp. Status:	<u>ND</u>
Facility ID:	<u>419525</u>	API Number:	<u>045-19947</u>	Status:	<u>XX</u>	Insp. Status:	<u>ND</u>
Facility ID:	<u>419526</u>	API Number:	<u>045-19948</u>	Status:	<u>XX</u>	Insp. Status:	<u>ND</u>
Facility ID:	<u>419527</u>	API Number:	<u>045-19949</u>	Status:	<u>XX</u>	Insp. Status:	<u>ND</u>
Facility ID:	<u>419528</u>	API Number:	<u>045-19950</u>	Status:	<u>XX</u>	Insp. Status:	<u>ND</u>
Facility ID:	<u>419529</u>	API Number:	<u>045-19951</u>	Status:	<u>XX</u>	Insp. Status:	<u>ND</u>
Facility ID:	<u>419530</u>	API Number:	<u>045-19952</u>	Status:	<u>XX</u>	Insp. Status:	<u>ND</u>
Facility ID:	<u>419532</u>	API Number:	<u>045-19953</u>	Status:	<u>XX</u>	Insp. Status:	<u>ND</u>
Facility ID:	<u>419534</u>	API Number:	<u>045-19954</u>	Status:	<u>XX</u>	Insp. Status:	<u>ND</u>
Facility ID:	<u>419535</u>	API Number:	<u>045-19955</u>	Status:	<u>XX</u>	Insp. Status:	<u>ND</u>
Facility ID:	<u>419536</u>	API Number:	<u>045-19956</u>	Status:	<u>XX</u>	Insp. Status:	<u>ND</u>
Facility ID:	<u>419537</u>	API Number:	<u>045-19957</u>	Status:	<u>XX</u>	Insp. Status:	<u>ND</u>
Facility ID:	<u>419539</u>	API Number:	<u>045-19958</u>	Status:	<u>XX</u>	Insp. Status:	<u>ND</u>
Facility ID:	<u>419540</u>	API Number:	<u>045-19959</u>	Status:	<u>XX</u>	Insp. Status:	<u>ND</u>
Facility ID:	<u>419541</u>	API Number:	<u>045-19960</u>	Status:	<u>XX</u>	Insp. Status:	<u>ND</u>
Facility ID:	<u>419542</u>	API Number:	<u>045-19961</u>	Status:	<u>XX</u>	Insp. Status:	<u>ND</u>
Facility ID:	<u>419543</u>	API Number:	<u>045-19962</u>	Status:	<u>XX</u>	Insp. Status:	<u>ND</u>

Environmental**Spills/Releases:**

Inspector Name: KELLERBY, SHAUN

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: OTHER _____	
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	
<u>Cropland</u>	

Inspector Name: KELLERBY, SHAUN

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: OTHER, 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
Blankets	Fail					

S/U/V: Unsatisfactory _____

Corrective Date: 03/31/2012

Comment: Erosion is present on inside banks of pad site

CA: Maintain and replace Bmp as needed to control erosion on the pad site