

FORM 19
Rev 6/99
1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303)894-2100 Fax:(303)894-2109

State of Colorado
Oil and Gas Conservation Commission



FOR OGCC USE ONLY

Spill report taken by:

SPILL/RELEASE REPORT

This form is to be submitted by the party responsible for the oil and gas spill or release. Any spill or release which may impact waters of the State must be reported as soon as practicable; any spill over 20 bbls must be reported within 24 hours and all spills over five bbls must be reported within ten days. Submit a Site Investigation and Remediation Work

Name of Operator: <u>Antero Resources Piceace Corporation</u>	OGCC Operator No: <u>10079</u>	Phone Numbers
Address: <u>1625 17th Street, Suite 300</u>	City: <u>Denver</u> State: <u>CO</u> Zip: <u>80202</u>	No: <u>303-357-7341</u>
Contact Person: <u>Gerard G. Alberts</u>		Fax: <u>303-357-7315</u>
		Email: <u>jalberts@anteroresources.com</u>

DESCRIPTION OF SPILL OR RELEASE

Date of Incident: <u>7/27/2010</u>	Facility Name & No: <u>River Ranch A Pad access road</u>	County: <u>Garfield County</u>
Type of Facility (well, tank battery, flow line, pit): <u>Flow line under access road (see attachment A)</u>	Well Name and Number: <u>N/A</u>	QtrQtr: <u>SESE</u> Section: <u>7</u>
API Number: <u>N/A</u>		Township: <u>T6S</u> Range: <u>92W</u>
Specify volume spilled and recovered (in bbls) for the following materials:		Meridian: <u>6th</u>
Oil spilled: <u>Unknown</u> Oil recov'd: <u>Unknown</u>	Water spilled: <u>Unknown</u> Water recov'd: <u>3713</u>	Other spilled: _____ Other recov'd: _____
Ground Water impacted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Surface Water impacted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Contained within berm? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Area and vertical extent of spill: _____	TBD
Current land use: <u>Gravel Pit</u>	Weather conditions: <u>Warm/hot weather</u>	
Soil/geology description: <u>Sandy loam and river gravels</u>		
IF LESS THAN A MILE, report distance IN FEET to nearest ... Surface water: <u>~150</u> wetlands: <u>~150</u> buildings: <u>~2920</u>		
Livestock: <u>~1000</u> Water wells: <u>~2600</u> Depth to shallowest ground water: <u>~30</u>		
Cause of spill (e.g. equipment failure, human error, etc.): <u>Equipment failure: see Attachment B</u>		Detailed description of the spill/release incident:
*See attachment B		

CORRECTIVE ACTION

Describe immediate response (how stopped, contained and recovered): The pipeline was isolated and drained to stop the flow of liquids. Vac trucks were dispatched to the location to vacuum up the contaminated water flowing from the seep. Oil absorbent booms and pads were placed at locations down stream from the seep to absorb any residual sheen on the water.

Describe any emergency pits constructed: One small pit was excavated to contain the water flowing from the seep.

How was the extent of contamination determined? To be determined; the spill is currently under investigation

Further remediation activities proposed (attach separate sheet if needed): Remediation options are currently being evaluated. Antero will submit a form 27 describing which remediation option will be utilized. In the interim, Antero will continue containment and water sampling activities in the area to monitor contaminant levels.

Describe measures taken to prevent problem from reoccurring: Antero will conduct routine inspections of pipeline PRV's and maintain these records in it's Rifle Office. Water pipelines near hydrogeological features such as wetlands, streams and seeps will undergo integrity testing on a routine basis in addition to initial comissioning test protocols.

OTHER NOTIFICATIONS

List the parties and agencies notified (County, BLM, EPA, DOT, Local Emergency Planning Coordinator or other).

Date	Agency	Contact	Phone	Response
7/27/2010	COGCC	Margret Ash	303-894-2100	Spoke directly and left a voice mail
7/27/2010	EPA/NRC hotline		1-800-424-8802	Spill report No. 9499099
7/27/2010	Rife Public Water Intake		970-625-2841	Voice Mail
7/27/2010	CDPHE hotline		1-877-518-5608	Voice Mail. Spill Report No.2010-0407
7/27/2010		*See attached notification list		

Spill/Release Tracking No: _____



Area Enlarged



Point of Origin

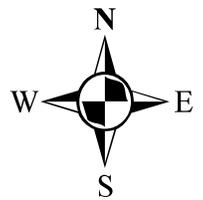
Contamination Seep

0 25 50 75 100 Feet

Attachment A- Spill Location
Location: Gravel Pit
Antero Resources Piceance Corp.

Legend

-  Creek
- Transportation Features**
-  Highways
-  Public Roads
- GPS Features**
-  Contamination Seep
-  Point of Origin



0 0.03 0.06 0.12 Miles

Attachment B – Form 19

August 5, 2010

Location: River Ranch A to Robinson A Pipeline Segment

Surface Owner: Private

Form 27: To be submitted Monday August 9th

Description of Spill or Release

Detailed description of spill/release incident

The gravel pit operator noticed an oil sheen on a small stream located in a gravel pit west of Antero Resources' Robinson A Pad. Antero was notified of the oil sheen at approximately 2:51 p.m. on 7/27/2010 and immediately implemented its emergency response plan, and dispatched Vac Trucks and its emergency response trailer to the location. Upon arrival of emergency response personnel, Antero isolated the seep in the hillside containing the oil sheen and the vac trucks subsequently began vacuuming up the nearby water that was impacted by the visible oil sheen.

The initial incident investigation suggests that a faulty weld on the water line used to transfer produced water between the River Ranch A Pad and the Robinson A Pad was the cause of this incident. The compromised weld allowed produced water to migrate into the underlying alluvium. The produced water eventually came into contact with the groundwater which flows towards and exits at the seep at the gravel pit west of the pipeline (see Attachment A). The produced water typically contains 400-800 ppm oil in water as an emulsion.

Agencies Contacted on 9/27/2010

COGCC - 303-894-2100 – Advised to report spill to Margaret Ash at 303-548-6298, left her a voicemail and spoke with her directly as she called me to discuss the incident

EPA/RC Hotline – 800-424-8802, Spill Report No. 9499099

Rifle Watershed – 1) Rifle Public Water Intake (970-625-2841, Robert Burns) and 2) Michael Erion (970-945-6777)

CDPHE Hotline – 877-518-5608

Jim Rada Garfield County – 970-625-5200

CDOW Kim Kaal – 970-255-6127