



Form 19 # 2221390

Page 1
FORM 4
Rev 12/05

State of Colorado
Oil and Gas Conservation Commission
1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303)894-2100 Fax: (303)894-2109



SUNDRY NOTICE

Submit original plus one copy. This form is to be used for general, technical and environmental sundry information. For proposed or completed operations, describe in full on Technical Information Page (Page 2 of this form.) Identify well or other facility by API Number or by OGCC Facility ID. Operator shall send an informational copy of all sundry notices for wells located in High Density Areas to the Local Government Designee (Rule 603b.)

1. OGCC Operator Number: 10079	4. Contact Name: Cole Kilstrom
2. Name of Operator: Antero Resources Piceance Corporation	Phone: 303-357-6709
3. Address: 1625 17th St STE 300 ATTN: Cole Kilstrom	City: Denver State: CO Zip: 80202
5. API Number: 05-N/A	OGCC Facility ID Number: 421197
6. Well/Facility Name: Hunter Mesa Compressor	7. Well/Facility Number: N/A
8. Location (Qtr/Sec, Twp, Rng, Meridian): Lot 3 30 6S 92W 6	9. County: Garfield
10. Field Name: Breeze Basin	11. Federal, Indian or State Lease Number:

Location ID #
OK ✓

General Notice

CHANGE OF LOCATION: Attach New Survey Plat (a change of surface qtr/qr is substantive and requires a new permit)

Change of Surface Footage from Exterior Section Lines:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Change of Surface Footage to Exterior Section Lines:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Change of Bottomhole Footage from Exterior Section Lines:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Change of Bottomhole Footage to Exterior Section Lines:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Bottomhole location Qtr/Sec, Twp, Rng, Mer: _____
 Latitude: _____ Distance to nearest property line: _____ Distance to nearest bldg, public rd, utility or RR: _____
 Longitude: _____ Distance to nearest lease line: _____ Is location in a High Density Area (rule 603b)? Yes/No: _____
 Ground Elevation: _____ Distance to nearest well same formation: _____ Surface owner consultation date: _____

GPS DATA:
 Date of Measurement: _____ PDOP Reading: _____ Instrument Operator's Name: _____

CHANGE SPACING UNIT
 Formation: _____ Formation Code: _____ Spacing order number: _____ Unit Acreage: _____ Unit configuration: _____

Remove from surface bond
 Signed surface use agreement attached: _____

CHANGE OF OPERATOR (prior to drilling):
 Effective Date: _____
 Plugging Bond: Blanket Individual

CHANGE WELL NAME NUMBER
 From: _____
 To: _____
 Effective Date: _____

ABANDONED LOCATION:
 Was location ever built? Yes No
 Is site ready for inspection? Yes No
 Date Ready for inspection: _____

NOTICE OF CONTINUED SHUT IN STATUS
 Date well shut in or temporarily abandoned: _____
 Has Production Equipment been removed from site? Yes No
 MIT required if shut in longer than two years. Date of last MIT: _____

SPUD DATE: _____

REQUEST FOR CONFIDENTIAL STATUS (6 mos from date casing set)

SUBSEQUENT REPORT OF STAGE, SQUEEZE OR REMEDIAL CEMENT WORK
 Method used: _____ Cementing tool setting/perf depth: _____ Cement volume: _____ Cement top: _____ Cement bottom: _____ Date: _____

RECLAMATION: Attach technical page describing final reclamation procedures per Rule 1004.
 Final reclamation will commence on approximately: _____ Final reclamation is completed and site is ready for inspection.

Technical Engineering/Environmental Notice

Notice of Intent
 Approximate Start Date: _____

Report of Work Done
 Date Work Completed: _____

Details of work must be described in full on Technical Information Page (Page 2 must be submitted.)

<input type="checkbox"/> Intent to Recomplete (submit form 2)	<input type="checkbox"/> Request to Vent or Flare	<input type="checkbox"/> E&P Waste Disposal
<input type="checkbox"/> Change Drilling Plans	<input type="checkbox"/> Repair Well	<input type="checkbox"/> Beneficial Reuse of E&P Waste
<input type="checkbox"/> Gross Interval Changed?	<input type="checkbox"/> Rule 502 variance requested	<input checked="" type="checkbox"/> Status Update/Change of Remediation Plans
<input type="checkbox"/> Casing/Cementing Program Change	<input type="checkbox"/> Other: _____	for Spills and Releases

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct and complete.

Signed: Cole Kilstrom Date: 11/19/2012 Email: ckilstrom@anteroresources.com
Print Name: Cole Kilstrom Title: EW Specialist

COGCC Approved: [Signature] Title: Env. Sup. Date: 12/14/12

CONDITIONS OF APPROVAL, IF ANY:

See attached comments

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

1. OGCC Operator Number:	10079	API Number:	05-045-N/A
2. Name of Operator:	Antero Resources Piceance Corp.	OGCC Facility ID #	421197
3. Well/Facility Name:	Hunter Mesa Compressor	Well/Facility Number:	N/A
4. Location (QtrQtr, Sec, Twp, Rng, Meridian):	Lot 3 30 6S 92W 6		

This form is to be completed whenever a Sundry Notice is submitted requiring detailed report of work to be performed or completed. This form shall be transmitted within 30 days of work completed as a "subsequent" report and must accompany Form 4, page 1.

5. DESCRIBE PROPOSED OR COMPLETED OPERATIONS

Summary of Corrective Actions and Request for Spill Report Closure:

On November 22, 2011, there was a spill of approximately 40 bbls produced water resulting from human error while Antero was testing the slug catcher ESD valve, at Antero's Hunter Mesa Compressor Station in Garfield County. The spill was contained within the lined, corrugated steel containment surrounding the storage tank. The following day, the containment area was cleaned using hot water.

The COGCC Form 19 Doc. # 2221390 stated that Antero would further clean the containment area in the spring months, if necessary; following subsequent inspection of the containment area it was determined that no additional cleaning was necessary.

Because Antero has performed the corrective actions required by the Form 19, Antero respectfully requests final COGCC closure of Spill Report # 2221390 in accordance with COGCC Rule 909(e).

COA :

Based on review of data presented, it appears that no further action is necessary at this time at this site. However, should future conditions at the site be discovered of contaminant concentrations in soils exceeding COGCC standards or if groundwater is found to be significantly impacted, COGCC may require that further investigation and/or remediation be conducted.

PRIOR HISTORY

State of Colorado
Oil and Gas Conservation Commission



1120 Lincoln Street, Suite 801, Denver, Colorado 80203 (303)894-2100 Fax:(303)894-2109

FOR OGCC USE ONLY

Received
12/2/2011
Rifle COGCC

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 Workplan (Form 27) when requested by the Director.

Spill report taken by:

FACILITY ID:

OPERATOR INFORMATION

Name of Operator: <u>Antero Resources Pipeline Corporation</u> OGCC Operator No: <u>10210</u>	Phone Numbers
Address: <u>1625 17th Street</u>	No: <u>303-357-7341</u>
City: <u>Denver</u> State: <u>CO</u> Zip: <u>80202</u>	Fax: <u>303-357-7315</u>
Contact Person: <u>Gerard G. Alberts</u>	E-Mail: <u>jalberts@anteroresources.com</u>

DESCRIPTION OF SPILL OR RELEASE

Date of Incident: <u>11/22/2011</u> Facility Name & No.: <u>Hunter Mesa Compressor Station #421197</u>	County: <u>Garfield County</u>
Type of Facility (well, tank battery, flow line, pit): <u>Storage tank at Compressor Station</u>	QtrQtr: <u>SESW</u> Section: <u>30</u>
Well Name and Number: <u>N/A</u>	Township: <u>6S</u> Range: <u>92W</u>
API Number: <u>N/A</u>	Meridian: <u>6th</u>
Specify volume spilled and recovered (in bbls) for the following materials:	
Oil spilled: <u>35</u> Oil recov'd: <u>35</u> Water spilled: <u>5</u> Water recov'd: <u>5</u> Other spilled: _____ Other recov'd: _____	
Ground Water impacted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Surface Water impacted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Contained within berm? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Area and vertical extent of spill: <u>Estimated ~707 sq ft</u> x _____
Current land use: <u>Agriculture/pasture</u>	Weather conditions: <u>Clear, 50 hi/29 lo</u>
Soil/geology description: <u>Potts loam, 3 to 6 percent slopes</u>	
IF LESS THAN A MILE, report distance IN FEET to nearest.... Surface water: <u>262.6</u> wetlands: <u>3715.93</u> buildings: _____	
Livestock: _____ water wells: <u>4762.9</u> Depth to shallowest ground water: <u>70</u>	
Cause of spill (e.g., equipment failure, human error, etc.): <u>human error</u> Detailed description of the spill/release incident:	
During a function test of Antero's slug catcher ESD valve, the main by-pass manual valve was partially opened in order to resume normal operations in a timely manner. As a result, there was liquid carryover to the plant resulting in a spill of produced water from the plant's produced liquid storage tank. The spill was contained within the lined, corrugated steel containment surrounding the storage tank. A vacuum truck was immediately called and recovered 40 bbls of produced water including cleaning water. The following day the rock and containment was cleaned with hot water to flush the oil to the surface for collection and disposal.	

CORRECTIVE ACTION

Describe immediate response (how stopped, contained and recovered):
Vacuum truck arrived within an hour to remove freestanding liquids within the secondary containment. The rock and containment was cleaned with hot water November 23, 2011.

Describe any emergency pits constructed:
N/A

How was the extent of contamination determined:
Extent of contamination was determined by secondary containment surrounding the storage tank.

Further remediation activities proposed (attach separate sheet if needed):
Containment will be further cleaned if deemed necessary in the spring months.

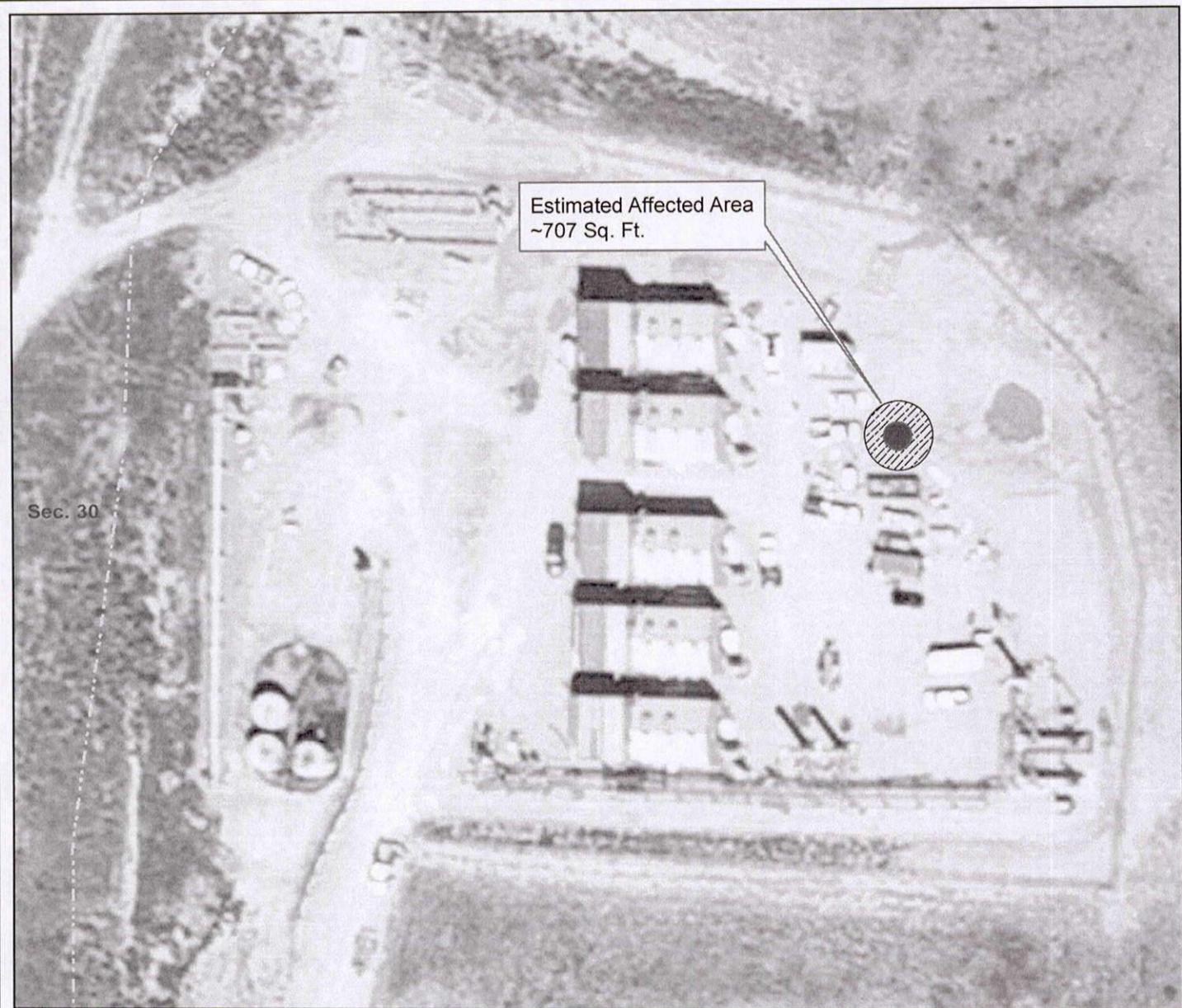
Describe measures taken to prevent problem from reoccurring:
Kahuna will review the design of the existing slug catcher to ensure integrity.

OTHER NOTIFICATIONS

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

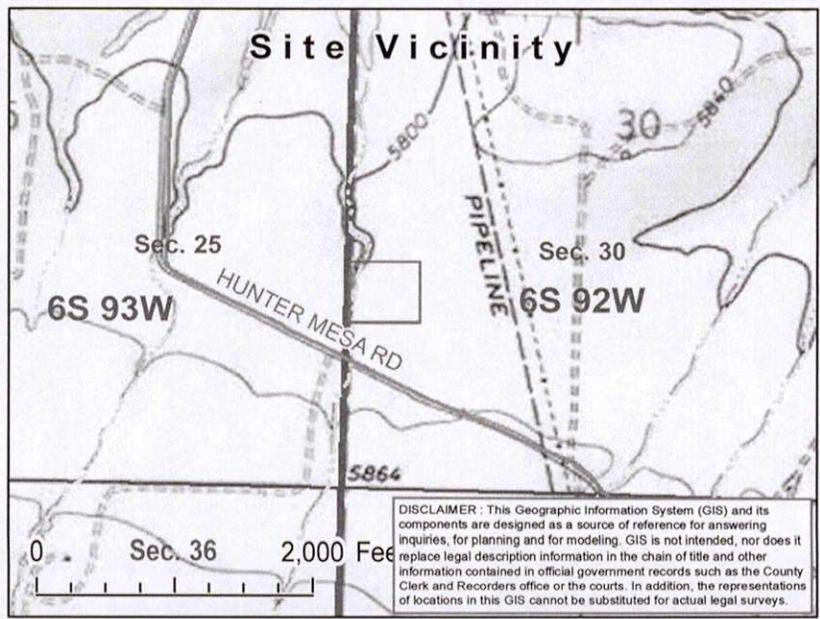
Date	Agency	Contact	Phone	Response
11/23/2011	CDPHE/COGCC	Emergency Spill/ Release Hotline	1-877-518-5608	Provided details of the spill; received spill tracking CDPHE #2011- 0840

Spill/Release Tracking No: 2221390



Estimated Affected Area
~707 Sq. Ft.

Sec. 30

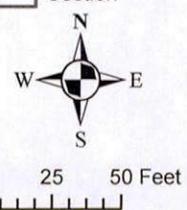


Site Vicinity

Attachment A--Spill Location Map
Location: Hunter Mesa Compressor Station
Antero Resources Piceance Corp.

Legend

- Affected Area
- Tank
- Public Roads
- Hydrographic Features**
- Perennial Stream
- Intermittent Stream
- PLSS**
- Township
- Section



DISCLAIMER: This Geographic Information System (GIS) and its components are designed as a source of reference for answering inquiries, for planning and for modeling. GIS is not intended, nor does it replace legal description information in the chain of title and other information contained in official government records such as the County Clerk and Recordors office or the courts. In addition, the representations of locations in this GIS cannot be substituted for actual legal surveys.