

|  |   |  |    |    |    |    |
|--|---|--|----|----|----|----|
| <b>FORM<br/>INSP</b><br><br>Rev<br>05/11 | <b>State of Colorado</b><br><b>Oil and Gas Conservation Commission</b><br><small>1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109</small> |  | DE | ET | OE | ES |
|--|---|--|----|----|----|----|

**FIELD INSPECTION FORM**

|                     |               |               |               |  |
|---------------------|---------------|---------------|---------------|--|
| Location Identifier | Facility ID   | Loc ID        | Tracking Type | Inspector Name: <u>KELLERBY, SHAUN</u> |
|                     | <u>289582</u> | <u>311696</u> |               |  |

Inspection Date: 02/22/2012

Document Number: 661400068

Overall Inspection: Unsatisfactory

**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                            |
|-----------------|------------------------------|------------------------------|------------------------------------|
| Alberts, Gerard | 303-357-7341                 | jalberts@anteroresources.com |                                    |
| Black, Jon      | 970 625 9922/( 435) 237-1169 | jblack@anteroresources.com   | Operations Manager: Piceance Basin |

**Compliance Summary:**

QtrQtr: NWSW Sec: 15 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) |
|------------|-----------|------------|-------------|------------------------------|----------|----------------|-----------------|
| 11/14/2011 | 661400021 | PR         | PR          | U                            |          |                | N               |
| 03/13/2011 | 200300880 | DG         | DG          | S                            |          |                | N               |
| 07/03/2007 | 200114140 | CO         | ND          | S                            | I        | P              | N               |

**Inspector Comment:**

Cogcc staff was notified on 2/6/2012 that all corrective actions were complete for Noav Doc # 200330029. Staff conducted a follow up inspection on 2/17/12. Staff observed that the Saw dust that had originally left the pad surface was still lying on the berm and at the toe of the pad site. Noav is not closed at this time and violation remains unsatisfactory.

**Related Facilities:**

| Facility ID | Type     | Status | Status Date | Well Class | API Num   | Facility Name       |   |
|-------------|----------|--------|-------------|------------|-----------|---------------------|---|
| 289580      | WELL     | XX     | 01/27/2011  | LO         | 045-13819 | DIXON FED CA B1     |   |
| 289581      | WELL     | XX     | 01/27/2011  | LO         | 045-13818 | DIXON FED CA B2     |   |
| 289582      | WELL     | PR     | 06/15/2011  | LO         | 045-13817 | DIXON FED CA B3     | X |
| 289763      | WELL     | PR     | 11/16/2011  | LO         | 045-13869 | DIXON FED CA B7     |   |
| 291432      | WELL     | DG     | 12/14/2011  | LO         | 045-14373 | Dixon Federal B10   |   |
| 291433      | WELL     | XX     | 01/27/2011  | LO         | 045-14372 | DIXON FED CA B6     |   |
| 291434      | WELL     | WO     | 12/14/2011  | LO         | 045-14371 | Dixon Federal B4    |   |
| 291435      | WELL     | DG     | 12/14/2011  | LO         | 045-14370 | Dixon Federal B5    |   |
| 291436      | WELL     | WO     | 12/14/2011  | LO         | 045-14369 | Dixon Federal B9    |   |
| 291437      | WELL     | PR     | 09/15/2009  | OW         | 045-14368 | DIXON FEDERAL B8    |   |
| 311696      | LOCATION | XX     | 04/14/2009  |            | -         | Dixon Federal B Pad |   |
| 421653      | WELL     | PR     | 11/15/2011  | GW         | 045-20424 | DIXON FED CA B13    |   |
| 421696      | WELL     | PR     | 12/20/2011  | GW         | 045-20425 | Dixon Federal B16   |   |
| 421708      | WELL     | XX     | 02/27/2011  |            | 045-20427 | DIXON FED CA B14    |   |

|        |      |    |            |    |           |                   |  |
|--------|------|----|------------|----|-----------|-------------------|--|
| 421709 | WELL | PR | 12/19/2011 | GW | 045-20428 | Dixon Federal B11 |  |
| 421710 | WELL | PR | 11/15/2011 | GW | 045-20429 | Dixon Federal B15 |  |
| 421716 | WELL | WO | 09/07/2011 |    | 045-20432 | Dixon Federal B12 |  |

**Equipment:** Location Inventory

|                              |                           |                        |                          |
|------------------------------|---------------------------|------------------------|--------------------------|
| Special Purpose Pits: _____  | Drilling Pits: _____      | Wells: <u>16</u>       | Production Pits: _____   |
| Condensate Tanks: <u>2</u>   | Water Tanks: <u>4</u>     | Separators: <u>4</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**

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

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

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

**Spills:**

| Type   | Area | Volume | Corrective action | CA Date |
|--|------|--------|-------------------|---------|
| <input type="checkbox"/> Multiple Spills and Releases? |      |        |                   |         |

**Venting:**

| Yes/No | Comment |
|--------|---------|
|        |         |

**Flaring:**

| Type | Satisfactory/Unsatisfactory | Comment | Corrective Action | CA Date |
|------|-----------------------------|---------|-------------------|---------|
|      |                             |         |                   |         |

**Predrill**

Location ID: 311696

**Site Preparation:**

Lease Road Adeq.: \_\_\_\_\_ Pads: \_\_\_\_\_ Soil Stockpile: \_\_\_\_\_  
 Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_ CDP Num.: \_\_\_\_\_

**Form 2A COAs:**

| Group | User      | Comment  | Date       |
|-------|-----------|--|------------|
| OGLA  | kubeczkod | <p>GENERAL SITE COAs:</p> <p>Operator must implement best management practices to contain any unintentional release of fluids, including any fluids conveyed via temporary surface pipelines.</p> <p>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.</p> <p>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.</p> | 02/07/2011 |

**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: 289582 API Number: 045-13817 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:**

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? \_\_\_\_\_ 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: \_\_\_\_\_

**COGCC Comments**

| Comment   | User     | Date       |
|---|----------|------------|
| Cogcc staff was notified on 2/6/2012 that all corrective actions were complete for Noav Doc # 200330029. Staff conducted a follow up inspection on 2/17/12. Staff observed that the Saw dust that had originally left the pad surface was still lying on the berm and at the toe of the pad site. Noav is not closed at this time and violation remains unsatisfactory. | kellerbs | 02/22/2012 |

**Attached Documents**

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

| Document Num | Description      | URL   |
|--------------|------------------|---|
| 661400070    | Saw dust at toe  | <a href="http://cogcc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=2875826">http://cogcc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=2875826</a> |
| 661400071    | Saw dust on berm | <a href="http://cogcc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=2875827">http://cogcc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=2875827</a> |