

**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 |
|----|----|----|----|

Inspection Date:  
07/26/2015

Document Number:  
674900624

Overall Inspection:  
SATISFACTORY

**FIELD INSPECTION FORM**

|                     |               |               |                    |                          |             |
|---------------------|---------------|---------------|--------------------|--------------------------|-------------|
| Location Identifier | Facility ID   | Loc ID        | Inspector Name:    | On-Site Inspection       | 2A Doc Num: |
|                     | <u>417389</u> | <u>417386</u> | <u>Hughes, Jim</u> | <input type="checkbox"/> |             |

**Operator Information:**

|                       |  |
|-----------------------|--|
| OGCC Operator Number: | <u>5</u>   |
| Name of Operator:     | <u>COLORADO OIL &amp; GAS CONSERVATION</u>       |
| Address:              | <u>1120 LINCOLN ST SUITE 801</u>                 |
| City:                 | <u>DENVER</u> State: <u>CO</u> Zip: <u>80203</u> |

- THIS IS A FOLLOW UP INSPECTION
- FOLLOW UP INSPECTION REQUIRED
- NO FOLLOW UP INSPECTION REQUIRED
- INSPECTOR REQUESTS FORM 42 WHEN CORRECTIVE ACTIONS ARE COMPLETED

**Contact Information:**

| Contact Name     | Phone | Email                       | Comment |
|------------------|-------|-----------------------------|---------|
| Roy, Catherine   |       | catherine.roy@state.co.us   |         |
| Labowskie, Steve |       | steve.labowskie@state.co.us |         |
| Maclaren, Joe    |       | joe.maclaren@state.co.us    |         |
| Fischer, Alex    |       | alex.fischer@state.co.us    |         |

**Compliance Summary:**

|         |             |      |           |      |            |        |           |
|---------|-------------|------|-----------|------|------------|--------|-----------|
| QtrQtr: | <u>SESW</u> | Sec: | <u>32</u> | Twp: | <u>34N</u> | Range: | <u>4W</u> |
|---------|-------------|------|-----------|------|------------|--------|-----------|

| Insp. Date | Doc Num   | Insp. Type | Insp Status | Satisfactory /Action Required | PA P/F/I | Pas/Fail (P/F) | Violation (Y/N) |
|------------|-----------|------------|-------------|-------------------------------|----------|----------------|-----------------|
| 05/28/2015 | 674900558 | XX         | EI          | SATISFACTORY                  |          |                | No              |
| 05/17/2011 | 200306627 | PM         | DG          | SATISFACTORY                  |          |                | No              |
| 05/18/2010 | 200306628 | PM         | DG          | SATISFACTORY                  |          |                | No              |
| 05/16/2010 | 200306626 | PM         | DG          | SATISFACTORY                  |          |                | No              |

**Inspector Comment:**

On June 26, 2015 COGCC SW EPS Jim Hughes conducted a follow up environmental field inspection of the COGCC Deep Canyon monitoring well. For the most recent field inspection report of this facility, please refer to document #674900558. Vegetation within and surrounding the stock panel enclosure has been cut. An additional sign listing the operator, emergency contact information, and the nearest intersection has been attached to the stock panel fencing.

**Related Facilities:**

| Facility ID | Type | Status | Status Date | Well Class | API Num   | Facility Name            | Insp Status                            |
|-------------|------|--------|-------------|------------|-----------|--------------------------|--|
| 417389      | WELL | AC     | 06/10/2015  | OBW        | 007-06293 | DEEP CANYON MW 34-4-32-1 | EI <input checked="" type="checkbox"/> |

**Equipment:**

Location Inventory

|  |
|--|
|  |
|--|

Inspector Name: Hughes, Jim

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

**Location**

**Signs/Marker:**

| Type     | Satisfactory/Action Required | Comment | Corrective Action | CA Date |
|----------|------------------------------|---------|-------------------|---------|
| WELLHEAD | SATISFACTORY                 |         |                   |         |

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

Comment: Additional signage has been installed listing the operator, emergency contact information, and the location of the nearest intersection.

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

**Spills:**

| Type | Area | Volume | Corrective action | CA Date |
|------|------|--------|-------------------|---------|
|------|------|--------|-------------------|---------|

Multiple Spills and Releases?

**Fencing/:**

| Type     | Satisfactory/Action Required | Comment   | Corrective Action | CA Date |
|----------|------------------------------|---|-------------------|---------|
| WELLHEAD | SATISFACTORY                 | <span style="color: red;">Stock panel fencing.</span> |                   |         |

**Equipment:**

| Type                | # | Satisfactory/Action Required | Comment   | Corrective Action | CA Date |
|---------------------|---|------------------------------|---|-------------------|---------|
| Ancillary equipment | 1 | SATISFACTORY                 | <span style="color: red;">In-Situ data logger.</span> |                   |         |
| Ancillary equipment | 1 | SATISFACTORY                 | <span style="color: red;">Telemetry</span>            |                   |         |

**Venting:**

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

**Flaring:**

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

**Predrill**

Location ID:   417389  

**Site Preparation:**

Lease Road Adeq.: \_\_\_\_\_ Pads: \_\_\_\_\_ Soil Stockpile: \_\_\_\_\_

**S/A/V:** \_\_\_\_\_

Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_ CDP Num.: \_\_\_\_\_

**Form 2A COAs:**

| Group  | User      | Comment   | Date       |
|--------|-----------|---|------------|
| Agency | 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. | 04/30/2010 |
| Agency | kubeczkod | Location may be in a sensitive area because of shallow groundwater; therefore either a lined drilling pit or closed loop system must be implemented.  | 04/30/2010 |
| Agency | kubeczkod | Operator must implement best management practices to contain any unintentional release of fluids.   | 04/30/2010 |

**S/A/V:** \_\_\_\_\_ **Comment:** \_\_\_\_\_

**CA:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Wildlife BMPs:**

| BMP Type      | Comment   |
|---------------|---|
| PROPOSED BMPs | <p>Spill and Release Contingency Plan</p> <p>COGCC MW Project, Archuleta County, Colorado</p> <p>Souder Miller &amp; Associates (SMA) policy and procedures for spill and release for the Colorado Oil &amp; Gas Conservation Commission (COGCC) MW Project, San Juan National Forest, Archuleta County, Colorado is as follows:</p> <p>PROCEDURES IN THE EVENT OF A RELEASE:</p> <ol style="list-style-type: none"> <li>1. Stop the source by plugging, turning off valve, or other appropriate safe means.</li> <li>2. Contain the release with berms, damming, diking, and absorbents as needed.</li> <li>3. If immediate action is required due to safety concerns or to prevent further environmental damage, excavate and transport for disposal at a permitted facility. Otherwise, after completion of drilling, mitigate by excavation and disposal at a permitted facility. A potential alternative is to utilize a Forest Service and State approved in situ remediation and mitigation plan.</li> </ol> <p>Further, the SMA site manager or designee shall be responsible to:</p> <p>REPORT</p> <ol style="list-style-type: none"> <li>1. In the event of any release posing an immediate danger to life and health report to 911 and /or the Archuleta County Emergency Services (970) 731 -5911</li> <li>2. Report any release of over 25 gallons of liquid chemicals or over 25# of solid chemicals that is contained on location.</li> <li>3. Report any chemical release of any quantity that leaves the well pad.</li> <li>4. Report any release of over 10 barrels of drilling fluid or cement slurry contained on the well pad.</li> <li>5. Report any quantity of drilling fluid and /or any quantity of cement slurry leaving the well pad.</li> </ol> <p>Release reporting will be to the following:</p> |

1. SMA offices to Reid Allan, Cindy Gray, or Denny Foust (505)325-5667
2. United States Forest Service to Walt Brown (970) 247 -4874
3. Colorado Oil and Gas Conservation Commission, Steve Lindblom (303) 894 -2100- ext 114
4. Colorado Oil and Gas Conservation Commission, Karen Spray (970) 903 -1242 cell, (970) 259-1619 office.
5. Colorado Department of Public Health and Environment (877) 518 -5608 Online reporting form at [www.cdphe.state.co.us/hm/spillsand\\_releases.htm](http://www.cdphe.state.co.us/hm/spillsand_releases.htm)
6. If appropriate, the National Response Center (800) 424 -8862
7. All reporting after the first call may be performed by the SMA office in lieu of the site manager.

MATERIALS OF CONCERN ON LOCATION:

1. Diesel Fuel
2. Rig Lube Oils and Motor Oils
3. Drilling Fluid composed of Drispak TM, polymer, and bentonite.
4. Cement, dry and in slurry
5. Calcium Chloride, dry and in slurry
6. Recovered /Recycled Water associated with Closed Loop System

April 5, 2010

WE

APR 2 6 2090

COGCC Project

Storm Water Control Plan

Deep Canyon SE /4 SW /4 Section 32 -TWP 34N -RGE 04W

1. Cap the location above the high wall cut with a soil berm on the East side to prevent storm water from running onto the location, diverting the flow around the pad on the south and along the access road on the north. The flow will pass through various wattle, silt fence and straw bale barriers to slow it down and knock out silt.

2. Cut a 6 inch trench along the foot of the high wall cut from the SE corner Stake #5 to Stake #6 to above the entry road where drainage will be diverted along the East side of the access road. The access road will be capped with a soil berm on the East side until passing through wattle, straw bale barriers and silt fence before reaching Deep Canyon Creek. Where the diversion leaves the well pad, bales and /or wattles will be placed to slow run -off above a short silt fence (10 to 20 feet). Bales will also be placed above the out fall into Deep Canyon Creek, a 20 foot long silt fence just below the bales will further slow and filter the run -off flow.

3. A six inch deep trench will be cut on the well pad along the boundary from Stake #5 to Stake #3. Bales and /or wattles will be placed at Stake #3 with a 10 to 20 foot silt fence where run -off will be allowed to leave the location.

4. A 12 inch berm will be built on the well pad along the boundary from Stake #3 to Stake #2 to the south edge of the access road to control run -off from the location. Between

Stakes #2 and #3, a drain gap in the 12" berm will be installed, with bales and /or wattles to slow run -off. A 10 to 20 foot silt fence will be installed below the bales and wattles to further slow and filter the run -off flow.

5. A drainage break at Stake #2 will be equipped with bales and /or wattles plus a 10 to 20 foot section of silt fence below the energy dissipating bales.

6. All storm water controls will be inspected and repaired if needed after each significant storm event.

7. Please refer to attached site sketch for locations of Storm Water Best Management Practices (BMPs) described above.

**S/AV:** \_\_\_\_\_ **Comment:** \_\_\_\_\_

**CA:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**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:

\_\_\_\_\_

**Facility**

Facility ID: 417389 Type: WELL API Number: 007-06293 Status: AC Insp. Status: EI

**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:**

DWR Receipt Num: \_\_\_\_\_ Owner Name: \_\_\_\_\_ GPS : \_\_\_\_\_ Lat \_\_\_\_\_ Long \_\_\_\_\_

**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: TIMBER  
 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: \_\_\_\_\_

Inspector Name: Hughes, Jim

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: TIMBER

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 \_\_\_\_\_ Well Release on Active Location  Multi-Well Location

**Storm Water:**

| Loc Erosion BMPs | BMP Maintenance | Lease Road Erosion BMPs | Lease BMP Maintenance | Chemical BMPs | Chemical BMP Maintenance | Comment |
|------------------|-----------------|-------------------------|-----------------------|---------------|--------------------------|---------|
|                  |                 |                         |                       |               |                          |         |

S/A/V: SATISFACTOR Corrective Date: \_\_\_\_\_

Y

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

CA: \_\_\_\_\_

**Pits:**  NO SURFACE INDICATION OF PIT

**COGCC Comments**

| Comment   | User    | Date       |
|---|---------|------------|
| On June 26, 2015 COGCC SW EPS Jim Hughes conducted a follow up environmental field inspection of the COGCC Deep Canyon monitoring well. For the most recent field inspection report of this facility, please refer to document #674900558. Vegetation within and surrounding the stock panel enclosure has been cut. An additional sign listing the operator, emergency contact information, and the nearest intersection has been attached to the stock panel fencing. | hughesj | 07/01/2015 |

**Attached Documents**

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

| Document Num | Description                               | URL   |
|--------------|---|---|
| 674900625    | Location photo from F.S. road.            | <a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3635377">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3635377</a> |
| 674900626    | Vegetation within enclosure has been cut. | <a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3635378">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3635378</a> |
| 674900627    | Additional signage has been installed.    | <a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3635379">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3635379</a> |