

**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

Inspection Date:

03/07/2016

Document Number:

673712841

Overall Inspection:

**ACTION REQUIRED****FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	300132	311228	Sherman, Susan	<input type="checkbox"/>	

**Operator Information:**OGCC Operator Number: 10489Name of Operator: AUGUSTUS ENERGY RESOURCES LLCAddress: 2016 GRAND AVENUE #ACity: BILLINGS State: MT Zip: 59102

- ☐ 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
DAVIS, LONI	(970) 332-3585	ldavis@augustusenergy.com	

**Compliance Summary:**QtrQtr: SESE Sec: 30 Twp: 1N Range: 44W**Inspector Comment:****Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
300132	WELL	PR	05/14/2010	GW	125-11622	DETERDING 30-16	PR	<input checked="" type="checkbox"/>

**Equipment:**Location Inventory

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

**Location****Lease Road:**

Type	Satisfactory/Action Required	comment	Corrective Action	Date
Access		See Stormwater comments.		

**Signs/Marker:**

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
OTHER	SATISFACTORY	lease sign @ CR 31		
WELLHEAD	SATISFACTORY			

Inspector Name: Sherman, Susan

Emergency Contact Number (S/AR): SATISFACTORY

Corrective Date: \_\_\_\_\_

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

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

**Good Housekeeping:**

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

**Spills:**

Type	Area	Volume	Corrective action	CA Date
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☐ Multiple Spills and Releases?

**Fencing/:**

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
WELLHEAD	SATISFACTORY	steel panels around all equipment		

**Equipment:**

Type: Vertical Separator	# 1	Satisfactory/Action Required:	SATISFACTORY
Comment	partially buried		
Corrective Action			Date:
Type: Prime Mover	# 1	Satisfactory/Action Required:	SATISFACTORY
Comment	gas engine		
Corrective Action			Date:
Type: Pump Jack	# 1	Satisfactory/Action Required:	SATISFACTORY
Comment	concrete pad, leak on gear box-not on ground		
Corrective Action			Date:
Type: Gas Meter Run	# 1	Satisfactory/Action Required:	SATISFACTORY
Comment	shed near wellhead		
Corrective Action			Date:
Type: Deadman # & Marked	# 4	Satisfactory/Action Required:	SATISFACTORY
Comment			
Corrective Action			Date:
Type: Ancillary equipment	# 3	Satisfactory/Action Required:	SATISFACTORY
Comment	gas scrubber, radio telemetry, solar panel		
Corrective Action			Date:

**Venting:**

Yes/No	
Comment	

**Flaring:**

Type		Satisfactory/Action Required	
Comment:			

Inspector Name: Sherman, Susan

Corrective Action:

Correct Action  
Date:

**Predrill**

Location ID: 300132

**Site Preparation:**

Lease Road Adeq.: \_\_\_\_\_

Pads: \_\_\_\_\_

Soil Stockpile: \_\_\_\_\_

**S/AR:** \_\_\_\_\_

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

Date: \_\_\_\_\_

CDP Num.: \_\_\_\_\_

**Form 2A COAs:**

**S/AR:** SATISFACTORY

**Comment:** No problems seen.

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

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

**Wildlife BMPs:**

BMP Type	Comment
PROPOSED BMPs	<p data-bbox="358 132 695 163">Best Management Practices</p> <p data-bbox="358 310 1479 373">Rosetta Resources Operating LP proposes to utilize the following Best Management Practices (BMP's) where appropriate, to prevent or reduce impacts caused by our oil and gas operations:</p> <ul data-bbox="358 457 1495 1707" style="list-style-type: none"> <li data-bbox="358 457 1495 520">• When building new well sites, limit the surface area to be disturbed to just that which is needed. When a new well is drilled and put on production, reclaim the unneeded well pad to reduce the disturbed surface area and allow the landowners to use it for agriculture.</li> <li data-bbox="358 667 1463 751">• Return the land to near pre -use condition by reforming the surface to match the surrounding area including: terracing, drainage replacement/repair, and re- seeding with native grasses as specified by the Soil Conservation Office.</li> <li data-bbox="358 846 1052 877">• Spray to control noxious weeds on our locations annually.</li> <li data-bbox="358 961 1455 1024">• Inspect our sites for erosion and install erosion controls such as culverts or find an alternate road route that is less likely to erode.</li> <li data-bbox="358 1108 1125 1140">• As much as possible, utilize low impact 2 tracks on lease roads.</li> <li data-bbox="358 1224 1422 1287">• Fill drill site pits within 120 days after completion of a new well subject to pit moisture and weather.</li> <li data-bbox="358 1371 1414 1434">• Hydrocarbon storage tanks are surrounded by impermeable berms to prevent spills from migrating off -site.</li> <li data-bbox="358 1518 1458 1581">• Open top tanks and unattended pits that might contain hydrocarbon are fenced and covered with nets to protect migratory fowl and animals.</li> <li data-bbox="358 1665 1195 1696">• Plans are in place to prevent, control, and cleanup hydrocarbon spills.</li> </ul>

S/AR: \_\_\_\_\_ Comment: CA:  Date: \_\_\_\_\_Comment: Staking:On Site Inspection (305):

Inspector Name: Sherman, Susan

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: 300132 Type: WELL API Number: 125-11622 Status: PR Insp. Status: PR

**Producing Well**

Comment: PR. Dec 2016 reported to COGCC database.

**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: RANGELAND

Comment: pasture

1003a. Waste and Debris removed? Pass

CM \_\_\_\_\_

CA \_\_\_\_\_ CA Date \_\_\_\_\_

Unused or unneeded equipment onsite? Pass

CM \_\_\_\_\_

CA \_\_\_\_\_ CA Date \_\_\_\_\_

Pit, cellars, rat holes and other bores closed? Pass

CM \_\_\_\_\_

CA \_\_\_\_\_ CA Date \_\_\_\_\_

Guy line anchors marked? Pass

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 \_\_\_\_\_

Inspector Name: Sherman, Susan

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
Gravel	Pass	Gravel	Pass			
Compaction	Pass	Compaction	Fail			

S/A/V: **ACTION REQUIRED**

Corrective Date: **04/08/2016**

Comment: **See attached photo of erosion rill forming on side of access road going down to well location.**

CA: **Install or repair required BMPs per Rule 1002.f. Refer to the 1002.f guidance document for further details.**

**Pits:** ☐ NO SURFACE INDICATION OF PIT

**Attached Documents**

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

Document Num	Description	URL
673712854	Augustus Deterdign 30-16	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3801673">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3801673</a>