

**FORM
INSP**Rev
X/15**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:

03/19/2019

Submitted Date:

03/19/2019

Document Number:

688304198

FIELD INSPECTION FORM
 Loc ID 320785 Inspector Name: Sherman, Susan On-Site Inspection ☐ 2A Doc Num:
Operator Information:

OGCC Operator Number: 10646

Name of Operator: AXIS EXPLORATION LLC

Address: 370 17TH ST SUITE 5300

City: DENVER State: CO Zip: 80202

Status Summary:

- ☐ THIS IS A FOLLOW UP INSPECTION
- ☐ FOLLOW UP INSPECTION REQUIRED
- ☐ NO FOLLOW UP INSPECTION REQUIRED

Findings:

3 Number of Comments

1 Number of Corrective Actions

☒ Corrective Action Response Requested**ANY CORRECTIVE ACTION(S) FROM
PREVIOUS INSPECTIONS THAT HAVE NOT
BEEN ADDRESSED ARE STILL APPLICABLE****Contact Information:**

Contact Name	Phone	Email	Comment
Chesson, Bob		robert.chesson@state.co.us	COGCC EPS
Extraction Oil	720-370-5540	COGCCInspections@extracti onog.com	

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
204915	WELL	SI	09/01/2018	GW	005-07000	BENNETT A-2	PA

General Comment:

Followup inspection to historic produced water tank spill reported on 3/13/2019 to the COGCC database. There recently was a high amount of precipitation received in the area. Impacted stained soils were covered with blue tarp and earth berms were installed around the excavation (see attached photos). The 1 Mile tab on the COGCC database scout card for this well lists ~55 water wells around this well. The closest house is ~300' (273' was listed on the Form 19 I) from the spill. The second nearest house from the spill is ~570' east with two more houses within 1000' of the spill. The tank battery was located ~1000' NW of the well so distances to water wells may not be accurate in relation to the spill. COGCC Form 19 I states: "If present, a groundwater sample will be collected and submitted for laboratory analysis to support site characteristics and excavation clearance." Odors were present around the excavation at the time of inspection but gas monitor did not alarm.

LocationOverall Good: ☐

Emergency Contact Number:

Comment: Corrective Action: Date: Overall Good: ☐**Spills:**

Type	Area	Volume		
PW/CO	Tank			
Comment: Form 19 I was submitted to COGCC EPS.				
Corrective Action: Remove stained soil within 30 days.			Date:	04/22/2019

In Containment: No

Comment: ☐ Multiple Spills and Releases?**Equipment:**

Type			corrective date
Gas Meter Run	# 1		
Comment:			
Corrective Action:			Date:
Horizontal Heated Separator	# 0		
Comment:			
Corrective Action:			Date:

Venting:

Yes/No		
Comment:		
Corrective Action:		Date:

Flaring:

Type		
Comment:		
Corrective Action:		Date:

Reclamation - Storm Water - Pit**Interim Reclamation:**

Date Interim Reclamation Started: _____ Date Interim Reclamation Completed: _____

Land Use: _____

Comment: _____

1002 SITE PREPARATION AND STABILIZATION

1002a. FENCING _____

Comment _____

Corrective Action _____

Date _____

1002b. SOIL REMOVAL AND
SEGREGATION _____

Comment _____

Corrective Action _____

Date _____

1002c. PROTECTION OF SOILS _____

Comment _____

Corrective Action _____

Date _____

1002E. SURFACE DISTURBANCE MINIMIZATION _____

Comment _____

Corrective Action _____

Date _____

1003a. Waste and Debris removed? _____

Comment _____

Corrective Action _____

Date _____

Unused or unneeded equipment onsite? _____

Comment _____

Corrective Action _____

Date _____

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

Comment _____

Corrective Action _____

Date _____

Guy line anchors marked? _____

Comment _____

Corrective Action _____

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 REVEGETATIONCropland

Top soil replaced _____ Recontoured _____ Perennial forage re-established _____

Non-Cropland

Top soil replaced _____ Recontoured _____ 80% Revegetation _____

1003e. INTERIM VEGETATION TRANSECT

TRANSECT RESULTS OF DISTURBED AREA% _____

TRANSECT RESULTS OF REFERENCE AREA% _____

TOTAL % OF DESIRABLE VEGETATION COVER _____

VEGETATIVE COVER _____

1003 f. Weeds Noxious weeds? _____

Comment _____

Corrective Action _____ Date _____

Overall Interim Reclamation**Final Reclamation/ Abandoned Location:**

Date Final Reclamation Started: _____ Date Final Reclamation Completed: _____

Final Land Use: _____

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 _____

1004.d. FINAL VEGETATION TRANSECT

TRANSECT RESULTS OF DISTURBED AREA% _____

TRANSECT RESULTS OF REFERENCE AREA% _____

TOTAL % OF DESIRABLE VEGETATION COVER _____

VEGETATIVE COVER _____

Comment: _____

Corrective Action: _____ Date _____

Overall Final Reclamation _____ Well Release on Active Location ☐ Multi-Well Location ☐

Attached Documents

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

Document Num	Description	URL
688304203	Axis Exploration LLC, Bennett A-2 spill	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4768204
688304204	Axis Exploration LLC, Bennett A-2 spill	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4768205