

**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:

12/15/2017

Submitted Date:

12/16/2017

Document Number:

688300818

FIELD INSPECTION FORM

Loc ID 320743 Inspector Name: Sherman, Susan On-Site Inspection 2A Doc Num: _____

Status Summary:

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

Operator Information:

OGCC Operator Number: 10646
Name of Operator: BISON EXPLORATION LLC
Address: PO BOX 1168
City: DENVER State: CO Zip: 80202

Findings:

- 14 Number of Comments
- 1 Number of Corrective Actions
- Corrective Action Response Requested

Contact Information:

Contact Name	Phone	Email	Comment
Rickard, Jeff	720-557-08310	jrickard@extractionog.com	
Extraction Oil and Gas		COGCCInspections@extractionog.com	

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
204749	WELL	PR	08/11/1983	GW	005-06834	CARRAWAY-MCCALLAN 1	PR

General Comment:

Reinspection to check FRAC monitoring equipment at wellhead and signs.

Location

Overall Good:

Signs/Marker:			
Type	BATTERY		
Comment:			
Corrective Action:		Date:	
Type	WELLHEAD		
Comment:			
Corrective Action:		Date:	
Type	TANK LABELS/PLACARDS		
Comment:	crude oil and produced water tanks have the same NFPA diamond, 1/3/0.		
Corrective Action:		Date:	
Type	CONTAINERS		
Comment:			
Corrective Action:		Date:	

Emergency Contact Number:			
Comment:	720-370-5540		
Corrective Action:		Date:	_____

Overall Good:

Spills:			
Type	Area	Volume	

In Containment: No

Comment: _____

Multiple Spills and Releases?

Fencing/:			
Type	WELLHEAD		
Comment:	steel panels		
Corrective Action:		Date:	
Type	TANK BATTERY		
Comment:	steel fence on pasture side		
Corrective Action:		Date:	

Equipment:			corrective date
Type: Horizontal Heated Separator	# 1		
Comment:	berms at CPS 39.68552, -104.55549		
Corrective Action:		Date:	
Type: Bird Protectors	# 1		
Comment:	on HHS		
Corrective Action:		Date:	
Type: Gas Meter Run	# 1		

Comment:	shed, solar panel, radio telemetry, digital, 20.9 psi on flowline, at GPS 39.68549, -104.55560			Date:	
Corrective Action:				Date:	
Type: Deadman # & Marked	# 4				
Comment:				Date:	
Corrective Action:				Date:	
Type: Plunger Lift	# 1				
Comment:	motor valve, solar panel, antenna, digital monitoring-casing 118 psi, tubing 119 psi and BH -2			Date:	
Corrective Action:				Date:	

Tanks and Berms:

Contents	#	Capacity	Type	Tank ID	SE GPS	
CRUDE OIL	1	300 BBLS	STEEL AST		39.685160,-104.555490	
Comment:					Date:	
Corrective Action:					Date:	

Paint

Condition	Adequate	
Other (Content)		
Other (Capacity)		
Other (Type)		

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance	
Earth	Adequate	Walls Sufficent	Base Sufficient	Adequate	
Comment:				Date:	
Corrective Action:				Date:	

Contents	#	Capacity	Type	Tank ID	SE GPS	
PRODUCED WATER	1	300 BBLS	STEEL AST			
Comment:					Date:	
Corrective Action:					Date:	

Paint

Condition	Adequate	
Other (Content)		
Other (Capacity)		
Other (Type)		

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance	
Comment:	same berms as crude oil tank			Date:	
Corrective Action:				Date:	

Venting:

Yes/No		
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Comment:			
Corrective Action:		Date:	

Flaring:

Type	
Comment:	
Corrective Action:	Date:

Location Construction

Location ID: 204749 CDP: _____

Comment:

Corrective Action: Date: _____

Form 2A COAs:

Comment:

Corrective Action: Date: _____

Wildlife BMPs:

Comment:

Corrective Action: Date: _____

Comment:

Corrective Action: Date: _____

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:

Inspected Facilities

Facility ID: 204749 Type: WELL API Number: 005-06834 Status: PR Insp. Status: PR

Producing Well

Comment: [PR. Sep 2017 production reported to COGCC database.](#)

Corrective Action:

Date:

Reclamation - Storm Water - Pit

Interim Reclamation:

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

Land Use: _____

Comment: Well in corral. Tank battery in pasture.

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 REVEGETATION

Cropland

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

Storm Water:

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Gravel	Pass					
Compaction	Fail					
Waddles	Fail					

Comment: [Erosion rill starting at GMR that continues on north side of separator berms and into pasture. Large gravel stops just before the separator berm. Waddles are installed in pasture and require maintenance. See attached photos.](#)

Corrective Action: [Install or repair required BMPs per Rule 1002.f.](#)

Date: 01/19/2018

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
401488650	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4328178
688300832	Bison Carraway-MCCALLAN 1	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4328173