

**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:

02/15/2018

Submitted Date:

02/20/2018

Document Number:

688301205**FIELD INSPECTION FORM**Loc ID 320789 Inspector Name: Sherman, Susan On-Site Inspection ☐ 2A Doc Num: _____**Operator Information:**OGCC Operator Number: 10646Name of Operator: BISON EXPLORATION LLCAddress: PO BOX 1168City: DENVER State: CO Zip: 80202**Status Summary:**

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

Findings:15 Number of Comments1 Number of Corrective Actions☒ Corrective Action Response Requested**Contact Information:**

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

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
204932	WELL	SI	04/01/2017	GW	005-07017	HSR-HILL 10-21	SI

General Comment:High Priority Inspection

LocationOverall Good: ☒**Signs/Marker:**

Type	BATTERY		
Comment:			
Corrective Action:		Date:	
Type	TANK LABELS/PLACARDS		
Comment:			
Corrective Action:		Date:	
Type	WELLHEAD		
Comment:			
Corrective Action:		Date:	

Emergency Contact Number:

Comment:	720-370-5540	Date:	
Corrective Action:		Date:	

Good Housekeeping:

Type	OTHER		
Comment:	Oily stains on top sides of crude oil tank (see attached photos).		
Corrective Action:	Securely fasten all valves, pipes, and fittings to ensure good mechanical condition, inspect at regular intervals and maintain in good mechanical condition per Rule 605.d. Clean oil from sides of tank.	Date:	03/21/2018

Overall Good: ☐**Spills:**

Type	Area	Volume		
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In Containment: No

Comment: ☐ Multiple Spills and Releases?**Fencing/:**

Type	PUMP JACK		
Comment:	wire mesh		
Corrective Action:		Date:	
Type	TANK BATTERY		
Comment:	barbed wire		
Corrective Action:		Date:	
Type	SEPARATOR		
Comment:	barbed wire		
Corrective Action:		Date:	

Equipment:

Type: Pump Jack	# 1		corrective date
Comment:			

Corrective Action:		Date:	
Type: Prime Mover	# 1		
Comment:	gas engine, gas scrubber		
Corrective Action:		Date:	
Type: Bird Protectors	# 1		
Comment:			
Corrective Action:		Date:	
Type: Horizontal Heater Treater	# 1		
Comment:	berms recently maintained		
Corrective Action:		Date:	

Tanks and Berms:

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

Paint

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

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Earth	Adequate	Walls Sufficient	Base Sufficient	Adequate
Comment:	Berms recently maintained.			
Corrective Action:				Date:

Contents	#	Capacity	Type	Tank ID	SE GPS
PRODUCED WATER	1	100 BBLS	FIBERGLASS AST		,
Comment:	needs bird protector of pipe coming out of top of tank				
Corrective Action:					Date:

Paint

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

Berms

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

Venting:

Yes/No			
Comment:			
Corrective Action:		Date:	

Flaring:

Type		
Comment:		
Corrective Action:		Date:

Location Construction

Location ID: 204932 CDP: _____

Comment: _____

Corrective Action: _____ Date: _____

Form 2A COAs:**Comment:** No COAs.

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:

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Summary of Operator Response to Landowner Issues:

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Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:

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Inspected Facilities									
Facility ID:	204932	Type:	WELL	API Number:	005-07017	Status:	SI	Insp. Status:	SI
<div>Idle Well</div> <div>Purpose: <input checked="" type="checkbox"/> Shut In <input type="checkbox"/> Temporarily Abandoned Reminder: _____</div> <div>Comment: <input type="text" value="SI since Aug 2016."/> _____</div> <div>Corrective Action: <input type="text"/> _____ Date: _____</div>									

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

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

Land Use: _____

Comment: [suburban area, house location ~500' NNW of well](#)**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 ☐

Storm Water:

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

Comment:

Corrective Action:

Date:

Pits: ☒ NO SURFACE INDICATION OF PIT

Optical Gas Imaging SurveySurvey Type: RoutineCurrent Operations: ☒ Production ☐ Workover ☐ Flowback ☐ Referred to APCD

GPS(entrance of location): Lat: _____ Long: _____

Wind: Light Speed: _____ (mph) Direction From: S Weather: _____ Temperature: (F)

Assisting Staff: _____ Camera #: _____

☐ Visible Smoke ☐ Referred to CDPHE

Times Surveyed

Equipment Surveyed

Time Survey Start	AM/PM	Time Survey End	AM/PM
12:15	PM	12:25	PM

Equipment
Water Tank(s)
Oil Tank(s)
Wellhead(s)

Comment: Notice of hissing at the well. There was no sound however a Flir survey was performed on 2/21/2018. No hydrocarbons observed during survey.Corrective
Action:

Date:

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

Document Num	Description	URL
401552698	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4384663
688301221	Bison Exploration HSR-Bennett 16-20	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4384661