

**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:

07/26/2017

Submitted Date:

07/29/2017

Document Number:

673715842**FIELD INSPECTION FORM**

Loc ID 447874 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:27 Number of Comments2 Number of Corrective Actions☒ Corrective Action Response Requested**Contact Information:**

Contact Name	Phone	Email	Comment
Extraction OG		COGCCInspections@extracti onog.com	
Warner, Kenneth	303-625-3375	kew@arnerlawpc.com	Principal Agent

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
447895	WELL	PR	02/01/2017		005-07255	Bison 4-64 15-16 2BHZ	PR

General Comment:

LocationOverall Good: ☒

Signs/Marker:			
Type	OTHER		
Comment:	lease sign on Manila Road		
Corrective Action:	Install sign to comply with Rule 210.e.	Date:	09/29/2017
Type	WELLHEAD		
Comment:			
Corrective Action:		Date:	
Type	CONTAINERS		
Comment:			
Corrective Action:		Date:	
Type	BATTERY		
Comment:			
Corrective Action:		Date:	
Type	TANK LABELS/PLACARDS		
Comment:	No contents or quantity labels on the 8 tanks in the large battery berm area. All of these tanks have the same NFPA label (1/4/0)-see attached photos.		
Corrective Action:		Date:	

Emergency Contact Number:

Comment: 720-370-5540

Corrective Action:

Date: _____

Good Housekeeping:

Type	UNUSED EQUIPMENT		
Comment:	Silver QTI combustor used during flowback, at GPS 39.70769, -104.53556, is being removed per operator and is not in use.		
Corrective Action:		Date:	
Type	TRASH		
Comment:	On access road and some on location.		
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:	

Equipment:				corrective date	
Type: Compressor	# 1				
Comment:	Two chemical containers, earth berms, GPS 39.70775, -104.53513				
Corrective Action:					Date:
Type: Bird Protectors	# 1				
Comment:	on HHS				
Corrective Action:					Date:
Type: FWKO	# 1				
Comment:	inside 8 tank metal berm area				
Corrective Action:					Date:
Type: Vertical Separator	# 3				
Comment:	in HHS metal berms				
Corrective Action:					Date:
Type: Emission Control Device	# 3				
Comment:	gas scrubber				
Corrective Action:					Date:
Type: Flow Line	# 2				
Comment:	NOT IN USE: 2-2" steel risers near souther ECD (see attached photo). Unmarked.				
Corrective Action:	Five days to mark and tag unused line(s) and 10 days to contact the Integrity group for discussion.				Date: 08/04/2017
Type: Other	# 1				
Comment:	Midstream GMR on SW corner of location (see attached photos), GPS 39.70710, -104.53621, digital, air sampler available, solar panel and antennae				
Corrective Action:					Date:
Type: Horizontal Heated Separator	# 1				
Comment:	metal berms GPS 39.70747, -104.53529, solar panel with electric panel				
Corrective Action:					Date:
Type: VRU	# 1				
Comment:					
Corrective Action:					Date:
Type: VRT	# 1				
Comment:	inside 8 tank metal berm area (see attached photos)				
Corrective Action:					Date:
Type: Gas Meter Run	# 1				
Comment:	shed, GPS 39.70755, -104.53564				
Corrective Action:					Date:

Tanks and Berms:

Contents	#	Capacity	Type	Tank ID	SE GPS	
CRUDE OIL	1	400 BBLS	STEEL AST		39.707060,-104.535110	
Comment:						
Corrective Action:						Date:

Paint

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

Berms

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

Contents	#	Capacity	Type	Tank ID	SE GPS
CONDENSATE	1	<100 BBLS	BV CONCRETE		,
Comment:					
Corrective Action:					Date:

Paint

Condition		
Other (Content)		
Other (Capacity)	60 bbls	
Other (Type)		

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Comment:	inside 8 tank metal berms			
Corrective Action:				Date:

Contents	#	Capacity	Type	Tank ID	SE GPS
OTHER	1	<100 BBLS	BV CONCRETE		39.707461,-104.535300
Comment:					
Corrective Action:					Date:

Paint

Condition		
Other (Content)		
Other (Capacity)	60 bbls	
Other (Type)		

Berms

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

Contents	#	Capacity	Type	Tank ID	SE GPS
PRODUCED WATER	2	400 BBLS	STEEL AST		,

Comment:	2 enardo valves	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 tanks			Date:
Corrective Action:				Date:

Contents	#	Capacity	Type	Tank ID	SE GPS
CRUDE OIL	6	400 BBLs	STEEL AST		39.707220,-104.535600

Comment:	6 enardo valves, drian inside tank battery berms	Date:
Corrective Action:		Date:

Paint

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

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Metal	Adequate	Walls Sufficent	Base Sufficent	Adequate
Comment:	liner checked during installation			Date:
Corrective Action:				Date:

Venting:

Yes/No	YES	
Comment:		
Corrective Action:		Date:

Flaring:

Type	
Comment:	
Corrective Action:	Date:

Location Construction

Location ID: 447895 CDP: _____

Comment: _____

Corrective Action: _____

Date: _____

Form 2A COAs:

Comment: Form: (02)
401085508
09/25/2016 1) Bradenhead test shall be performed within 60 days of rig release and prior to stimulation. Test results shall be submitted on Form 17 within 10 days of test. 2) Bradenhead test shall be performed between 6 and 7 months after rig release and shall be submitted on Form 17 within 10 days of test. 3) Bradenhead test shall be performed within 30 days of First Production as reported on Form 5A and shall be submitted on Form 17 within 10 days of test.

Form: (02)
401085508
09/25/2016 Operator acknowledges the proximity of the listed non-operated wells. Operator assures that this offset list will be remediated per the DJ Basin Horizontal Offset Policy (option 4) and ensure all applicable documentation is submitted. Well is beyond the area expected to be affected during stimulation (reservoir has not previously been developed, well has a plug above the Niobrara) FRANK CAVANAUGH #1 (API # 005-05054);

Form: (02)
401085508
09/25/2016 Operator a

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:	447895	Type:	WELL	API Number:	005-07255	Status:	PR	Insp. Status:	PR
Producing Well									
Comment:	Casing production. May 2017 reported as Not Completed to COGCC database. Form 5 (F) is in process.								
Corrective Action:								Date:	
BradenHead									
Comment:	BH 12 psi Tubing 240 psi								
Corrective Action:								Date:	

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

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

Land Use: DRY LAND

Comment: dryland, fallow**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? Pass

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: DRY LAND _____

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	Gravel	Pass	Self Inspection	Pass	
Waddles	Pass	Culverts	Pass			
Berms	Pass	Check Dams	Pass			
Compaction	Pass	Compaction	Pass	Material Handling And Spill Prevention	Pass	
Ditches	Pass	Rip Rap	Pass			
Retention Ponds	Pass	Mulching	Pass			
Rip Rap	Pass	Seeding	Pass			

Comment: [Retention pond on NW corner. Wind sock on maintenance tank and on one other tank. Fire extinguishers at tanks.](#)

Corrective Action:

Date: _____

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
401358447	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4210335
673715857	Bison Exploration Bison 4-64 15-16 2BHZ	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4210333