

**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:

12/16/2016

Submitted Date:

12/19/2016

Document Number:

673714545**FIELD INSPECTION FORM**
 Loc ID 447874 Inspector Name: Sherman, Susan On-Site Inspection ☐ 2A Doc Num: _____
Operator Information:OGCC Operator Number: 10618Name of Operator: BISON OIL & GAS LLCAddress: 999 18TH STREET #3370City: DENVER State: CO Zip: 80202**Status Summary:**

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

Findings:11 Number of Comments0 Number of Corrective Actions☐ Corrective Action Response Requested**Contact Information:**

Contact Name	Phone	Email	Comment
Gonzales, David	720-644-6997	dgonzales@bisonog.com	President and COO
Akers, John Austin	(303) 550-1877	aakers@bisonog.com	Principal agent
Wenk, Abigal	720-644-6997	awenk@bisonog.com	Regulatory Manager

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
447895	WELL	XX	11/21/2016		005-07255	Bison 4-64 15-16 2BHZ	WO

General Comment:

LocationOverall Good: ☒

Signs/Marker:			
Type			
Comment:			
Corrective Action:		Date:	
Type	OTHER		
Comment:	lease sign at Manila Road		
Corrective Action:		Date:	
Type	TANK LABELS/PLACARDS		
Comment:			
Corrective Action:		Date:	

Emergency Contact Number:

Comment: 303-481-2844

Corrective Action:

Date: _____

Overall Good: ☒

Spills:					
Type	Area	Volume			

In Containment: No

Comment:

☐ Multiple Spills and Releases?**Venting:**

Yes/No			
Comment:			
Corrective Action:		Date:	

Flaring:

Type		
Comment:		
Corrective Action:		Date:

Location Construction

Location ID: 447895 CDP: _____

Comment: _____

Corrective Action: _____

Date: _____

Form 2A COAs:

Comment: No problems seen. No dust from access road at time of inspection. Dust suppression/mitigation measures used at sand castles (see attached photo). Lighting was pointed inward and downward and will be checked during night operations. Select has all E&P Waste tanks contained with skirting. Inspector drove around the location during full pumping operations and observed no noise above the sound of overhead jets. Topsoil piles preserved. Emergency contact number posted on lease sign.

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 FacilitiesFacility ID: 447895 Type: WELL API Number: 005-07255 Status: XX Insp. Status: WO**Well Stimulation**Stimulation Company: Halliburton, WyomingStimulation Type: OTHER**Observation:**Other: Slick Water FracMaximum Casing Recorded: 8670 PSI

Tubing: _____

Surface: _____

Intermediate: _____

Production: _____

Instantaneous Shut-In Pressure (ISIP) _____

Bradenhead Psi: _____

Frac Flow Back: Fluid: _____ Gas: _____

Comment: Frac began an 1:12 pm on Friday, 12/16/2016
8500 psi-pop off
Patriot wireline
Coil tubing rig
Select/water and containment
22 fresh water tanks (water from Purecycle/Select pond)
1 brine tank
2 flowback tanks
1 separator
3 sand castles
13 pump trucks
49 stages planned
Estimated ISIP 3500-4651 psi

Corrective Action: _____

Date: _____

BradenHead

Comment: Slight puff that died immediately when Bradenhead valve opened. Bison is monitoring Bradenhead pressure in surrounding wells.

Corrective Action: _____

Date: _____

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

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

Land Use: DRY LAND

Comment: dryland winter wheat stubble**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? Pass

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
		Seeding	Pass			
		Hydro Mulch	Pass			
Ditches	Pass	Rip Rap	Pass	Self Inspection	Pass	
Retention Ponds	Pass	Culverts	Pass	Vehicle Tracking	Pass	
Berms	Pass	Gravel	Pass	Spill Response	Pass	
Compaction	Pass	Compaction	Pass	Material Handling And Spill Prevention	Pass	
		Waddles	Pass			

Comment: [Emergency shower trailer next to chemical area.](#)

Corrective Action:

Date: _____

Pits: ☒ NO SURFACE INDICATION OF PIT**COGCC Comments**

Comment	User	Date
Frac	ShermaSe	12/19/2016

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

Document Num	Description	URL
673714545	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4031907
673714546	Bison Bison 4-64 15-16 2BHZ Frac	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4031906