

**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:

09/29/2016

Submitted Date:

10/03/2016

Document Number:

674602862**FIELD INSPECTION FORM**
 Loc ID 320673 Inspector Name: Maclaren, Joe 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:4 Number of Comments0 Number of Corrective Actions☐ Corrective Action Response Requested**Contact Information:**

Contact Name	Phone	Email	Comment
Wenk, Abigail		awenk@bisonog.com	
Sherman, Susan		susan.sherman@state.co.us	
Akers, John Austin	(303) 550-1877	aakers@bisonog.com	
Hazard, Ellice		ellice.hazard@state.co.us	
Schlagenhauf, Mark		mark.schlagenhauf@state.co.us	

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
204403	WELL	PR	09/04/1981	GW	005-06488	CAVANAUGH 1-X	EG

General Comment:

COGCC Integrity Inspection performed on September 29th, 2016 in response to initial form 19 spill report Doc #401109673 received on 09/15/2016 that states the following: A leak in an inactive drain valve on the oil tank was discovered at 12:30pm on 9/14/2016. The drain valve had a bull plug on the end of the valve, but a crack had developed on the underside of the valve allowing oil to leak from the tank. The contents of the oil tank were transferred as soon as possible to a water tank on location and the valve was replaced. Details of observations made during this field inspection are available in the flowline section of this report. Photo's have been uploaded and can be accessed via link(s) at end of report.

LocationOverall Good: ☐

Emergency Contact Number:

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

Type	Area	Volume		

In Containment: No

Comment: ☐ Multiple Spills and Releases?**Tanks and Berms:**

Contents	#	Capacity	Type	Tanak ID	SE GPS	
CRUDE OIL	1	300 BBLS	STEEL AST		,	
Comment:	As outlined on supplemental spill report doc #401117576 received by COGCC on 9/27/2016: The drain valve on the oil tank had what appears to be a freeze split on the stem between the valve and bull plug. The split eventually formed a leak. The leak was quickly identified by the operator when conducting his tank gauges and AVO inspections.					
Corrective Action:					Date:	

Paint

Condition	<input type="text"/>	
Other (Content)	<input type="text"/>	
Other (Capacity)	<input type="text"/>	
Other (Type)	<input type="text"/>	

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Comment:				
Corrective Action:				Date:

Venting:

Yes/No	<input type="text"/>		
Comment:	<input type="text"/>		
Corrective Action:	<input type="text"/>	Date:	

Flaring:

Type	<input type="text"/>	
Comment:	<input type="text"/>	
Corrective Action:	<input type="text"/>	Date:

Inspected Facilities

Facility ID: 204403 Type: WELL API Number: 005-06488 Status: PR Insp. Status: EG

COGCC Comments

Comment	User	Date
<p>Preventative Measures Outlined: The tank valve was replaced along with the stem and bull plug. The tanks have been removed and a liner will be installed underneath both the oil and water tank to prevent any fluids from contacting the soil in the event of any other release. All valves at the facility have been inspected. This also caused Bison to inspect all of the other similar valves at the offset tank batteries. This specific incident will be a key discussion point at the next safety meeting which will be focused on winter operations, preventative maintenance/inspections, and process of spill reporting and cleanup.</p>	maclarej	10/03/2016
<p>COGCC Field Inspector met with Bison Oil and Gas contractor (Crossfire) while on location. New dump lines are scheduled to be installed. Note: Perform and document flowline pressure testing (as applicable to COGCC rule 1101e.) prior to returning dumlins to service. Also see flowline pressure testing guidance document on COGCC website.</p>	maclarej	10/03/2016

Attached Documents

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

Document Num	Description	URL
674602869	Tank removed/ Valve replaced	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3967058
674602870	Cleanup/ Site remediation in process	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3967059
674602871	Flowline Locked/ Tagged out	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3967060