

**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:

11/07/2017

Submitted Date:

11/15/2017

Document Number:

688600108**FIELD INSPECTION FORM**Loc ID: 416722 Inspector Name: BURGER, CRAIG On-Site Inspection: ☐ 2A Doc Num: _____**Operator Information:**OGCC Operator Number: 10447Name of Operator: URSA OPERATING COMPANY LLCAddress: 1600 BROADWAY ST STE 2600City: DENVER State: CO Zip: 80202**Status Summary:**

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

Findings:6 Number of Comments3 Number of Corrective Actions

- ☒
- Corrective Action Response Requested

Contact Information:

Contact Name	Phone	Email	Comment
Kellerby, Shaun		shaun.kellerby@state.co.us	
Murray, Richard		g.richard.murray@state.co.us	
Andrews, Dave		david.andrews@state.co.us	
Knudson, Dwayne	970-456-3335	dknudson@ursaresources.com	All Inspections

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
416842	WELL	PR	10/29/2012	GW	045-19375	McLin B9	PR
416851	WELL	PR	01/19/2014	GW	045-19381	McLin B17	PR
416864	WELL	PR	07/02/2014	GW	045-19391	McLin B18	PR
434060	WELL	PR	06/15/2016	LO	045-22156	McLin B21	PR

General Comment:

Follow up to previous inspection that observed high bradenhead pressures. The corrective actions and due dates on this inspection replace the previous corrective actions.

Multiple bradenheads on this pad are plumbed together through a check valve and into a separator to sell the gas. Operator altered the flowline to bypass the separator directly into the sales line in order to prevent the pressure from building over 150 psi during the separator cycle. Operator provided bradenhead pressure data for before and after the flowline alteration and pressures were below 150 psi after the alteration.

Inspected Facilities

Facility ID: 416842 Type: WELL API Number: 045-19375 Status: PR Insp. Status: PR

BradenHead

Comment: The gauge on the bradenhead read 440 psi. Gauge was removed by operator and replaced. Replacement gauge read about 40 psi.

Corrective Action:

Date:

Facility ID: 416851 Type: WELL API Number: 045-19381 Status: PR Insp. Status: PR

BradenHead

Comment: Pressure cycles between the gathering line pressure reported to be 140 psi and up to a pressure above 150 psi prior to the separator cycling. Pressure on the bradenhead at the time of this inspection was about 160 psi. Pressure is monitored with a SCADA system. Operator reported the bradenhead built to 456 psi on the annual bradenhead testing spreadsheet and bradenhead test (COGCC doc #401421334, tested 9/20/2017). The pressure blew down to 0 in 25 minutes through a 2 inch flowline.

Corrective Action: Perform another bradenhead test including sampling of bradenhead and production casing gas as described in COGCC's Operator Guidance "COGCC OPERATOR INSTRUCTIONS Bradenhead Testing and Reporting Dated March 22, 2017" with the following exception: shut in should not be for 7 days since the pressure is already around 140 psi and commission order is to maintain the pressure below 150 psi.

Date: 12/31/2017

Facility ID: 416864 Type: WELL API Number: 045-19391 Status: PR Insp. Status: PR

BradenHead

Comment: Pressure cycles between the gathering line pressure reported to be 140 psi and up to a pressure above 150 psi prior to the separator cycling. Pressure on the bradenhead at the time of this inspection was about 160 psi. Pressure is monitored with a SCADA system. Operator reported the bradenhead built to 420 psi on the annual bradenhead testing spreadsheet and bradenhead test (COGCC doc #401421340, tested 10/20/2017). The pressure blew down to 0 in 15 minutes through a 2 inch flowline.

Corrective Action: Perform another bradenhead test including sampling of bradenhead gas as described in COGCC's Operator Guidance "COGCC OPERATOR INSTRUCTIONS Bradenhead Testing and Reporting Dated March 22, 2017" with the following exception: shut in should not be for 7 days since the pressure is already around 140 psi and commission order is to maintain the pressure below 150 psi.

Date: 12/31/2017

Facility ID: 434060 Type: WELL API Number: 045-22156 Status: PR Insp. Status: PR

BradenHead

Comment: Pressure cycles between the gathering line pressure reported to be 140 psi and up to a pressure above 150 psi prior to the separator cycling. Pressure on the bradenhead at the time of this inspection was about 160 psi. Pressure is monitored with a SCADA system. Operator reported the bradenhead built to 420 psi on the annual bradenhead testing spreadsheet.

Corrective Action: Perform another bradenhead test including sampling of bradenhead gas as described in COGCC's Operator Guidance "COGCC OPERATOR INSTRUCTIONS Bradenhead Testing and Reporting Dated March 22, 2017" with the following exception: shut in should not be for 7 days since the pressure is already around 140 psi and commission order is to maintain the pressure below 150 psi.

Date: 12/31/2017

Attached Documents

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

Document Num	Description	URL
401460979	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4303067