

**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: \_\_\_\_\_

**Status Summary:**

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

**Operator Information:**

OGCC Operator Number: 10447  
Name of Operator: URSA OPERATING COMPANY LLC  
Address: 1600 BROADWAY ST STE 2600  
City: DENVER State: CO Zip: 80202

**Findings:**

- 6 Number of Comments
- 3 Number of Corrective Actions
- Corrective Action Response Requested

**Contact Information:**

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

**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. 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: <u>416842</u>	Type: <u>WELL</u>	API Number: <u>045-19375</u>	Status: <u>PR</u>	Insp. Status: <u>PR</u>
<b>BradenHead</b>				
<b>Comment:</b>	The gauge on the bradenhead read 440 psi. Gauge was removed by operator and replaced. Replacement gauge read about 40 psi.			
<b>Corrective Action:</b>				<b>Date:</b>
Facility ID: <u>416851</u>	Type: <u>WELL</u>	API Number: <u>045-19381</u>	Status: <u>PR</u>	Insp. Status: <u>PR</u>
<b>BradenHead</b>				
<b>Comment:</b>	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.			
<b>Corrective Action:</b>	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".			<b>Date:</b> <u>11/30/2017</u>
Facility ID: <u>416864</u>	Type: <u>WELL</u>	API Number: <u>045-19391</u>	Status: <u>PR</u>	Insp. Status: <u>PR</u>
<b>BradenHead</b>				
<b>Comment:</b>	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.			
<b>Corrective Action:</b>	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".			<b>Date:</b> <u>11/30/2017</u>
Facility ID: <u>434060</u>	Type: <u>WELL</u>	API Number: <u>045-22156</u>	Status: <u>PR</u>	Insp. Status: <u>PR</u>
<b>BradenHead</b>				
<b>Comment:</b>	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).			
<b>Corrective Action:</b>	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".			<b>Date:</b> <u>11/30/2017</u>