

FORM
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6/99

State of Colorado

Oil and Gas Conservation Commission

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Document Number:

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BRADENHEAD TEST REPORT

Step 1. Record all tubing and casing pressures as found. Step 2. Sample now. If intermediate or surface casing pressure > 25 psi. In sensitive areas, 1 psi.
Step 3. Conduct Bradenhead test. Step 4. Conduct intermediate casing test. Step 5. Send report to BLM within 3 days and to OGCC within 10 days. Include wellbore diagram if not previously submitted or if wellbore configuration has changed since prior program. Attach gas and liquid analyses if sampled.

1. OGCC Operator Number: 10447 3. BLM Lease No: _____
2. Name of Operator: URSA OPERATING COMPANY LLC
4. API Number: 05-045-22446-00 5. Multiple completion? ☐ Yes ☒ No
6. Well Name: VALLEY FARMS L Number: 34C-11-06-92
7. Location (QtrQtr, Sec, Twp, Rng, Meridian): SESE,11,6S,92W,6
8. County GARFIELD 9. Field Name: WILDCAT
10. Minerals: ☐ Fee ☐ State ☐ Federal ☐ Indian

11. Date of Test: 10/09/2015

12. Well Status: ☒ Flowing☐ Shut In ☐ Gas Lift☐ Pumping ☐ Injection☐ Clock/Intermitter☐ Plunger Lift

13. Number of Casing Strings:

☒ Two ☐ Three ☐ Liner?

14. EXISTING PRESSURES

Record all pressures as found	Tubing: 339 Fm: WMFK	Tubing: _____ Fm: _____	Prod Csg 571 Fm: WMFK	Intermediate Csg: _____	Surf. Csg 164
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BRADENHEAD TEST

Buried valve? ☐ Yes ☒ NoConfirmed open? ☒ Yes ☐ No

With gauges monitoring production, intermediate casing and tubing pressures, open surface casing (bradenhead) valve (if no intermediate casing, monitor only the production casing and tubing pressures.) Record pressures at five minute intervals Define characteristics of flow in "Bradenhead Flow" column using letter designations below:

O = No Flow; C = Continuous; D = Down to 0; V = Vapor
H = Water H2O; M = Mud; W = Whisper; S = Surge; G = Gas

BRADENHEAD SAMPLE TAKEN?

☐ Yes ☒ No ☒ Gas ☐ LiquidCharacter of Bradenhead fluid: ☐ Clear ☐ Fresh☐ Sulfur ☐ Salty ☐ Black

Other:(describe)

Sample cylinder number:

Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing:	Prod Csg PSIG	Intermedia Csg PSIG	Bradenhead Flow:
00:00	WMFK 339	<input type="checkbox"/>	<input type="checkbox"/> 571		G
05:00	WMFK 149	<input type="checkbox"/>	<input type="checkbox"/> 566		G
10:00	WMFK 159	<input type="checkbox"/>	<input type="checkbox"/> 567		G
15:00	WMFK 165	<input type="checkbox"/>	<input type="checkbox"/> 565		W
20:00	WMFK 167	<input type="checkbox"/>	<input type="checkbox"/> 566		W
25:00	WMFK 165	<input type="checkbox"/>	<input type="checkbox"/> 567		V
30:00	WMFK 168	<input type="checkbox"/>	<input type="checkbox"/> 565		V

Instantaneous Bradenhead PSIG at end of test: > 0

INTERMEDIATE CASING TEST

Buried valve? ☐ Yes ☐ NoConfirmed open? ☐ Yes ☐ No

With gauges monitoring production, intermediate casing and tubing pressures, open the intermediate casing valve. Record pressures at five minute intervals Characterize flow in "Intermediate Flow" column using letter designations below:

O = No Flow; C = Continuous; D = Down to 0; V = Vapor
H = Water H2O; M = Mud; W = Whisper; S = Surge; G = Gas

INTERMEDIATE SAMPLE TAKEN?

☐ Yes ☐ No ☐ Gas ☐ LiquidCharacter of Intermediate fluid: ☐ Clear ☐ Fresh☐ Sulfur ☐ Salty ☐ Black

Other:(describe)

Sample cylinder number:

Instantaneous Intermediate Casing PSIG at end of test: >

Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing:	Prod Csg PSIG	Intermedia Csg PSIG	Bradenhead Flow:
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

Comments:

Braden head built up to 165 in five days, bled down to a whisper/vapor in 20 minutes through a 1/2" needle valve.

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Test Performed By: Shane Vaugh Title: Production Super Phone: (970) 6239539

Signed: Shane Vaughn Title: Prod Super Date: 10/13/2015

Witnessed By: _____ Title: _____ Agency: _____