



State of Colorado
Oil and Gas Conservation Commission



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COGCC

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303)894-2100 Fax:(303)894-2109

WELL CONTROL REPORT

As Required by Rule 327

1. OGCC Operator Number: <u>100185</u>	4. Contact Name & Phone: <u>Gage Soehner</u>	Report taken by: <i>DAVE ANDREWS</i>
2. Name of Operator: <u>EnCana Oil & Gas</u>	Ph: <u>720 951 0732</u>	
3. Address: <u>370 17th Street</u>	Email: <u>e.soehner@encana.</u>	
City: <u>Denver</u> State: <u>CO</u> Zip: <u>80202</u>		

WELL LOCATION INFORMATION

5. API Number: <u>05-077-10149</u>	6. County: <u>Mesa</u>
7. Well Name: <u>Orchard Unit</u>	8. Well Number: <u>23-10HM (D14IU)</u>
9. Unit Name (if appl.): <u>Hunter-Mesa ^{ORCHARD UNIT}</u>	10. Unit No: <u>COC 55072X 66496X</u>
11. QtrQtr: <u>NWNW</u> Sec: <u>14</u> Twn: <u>8S</u> Rng: <u>96W</u> Meridian: <u>6</u>	
12. Footage From Exterior Section Lines: <u>590 FNL 405 FWL</u>	
13. Field Name: <u>Grand Valley</u>	14. Field Number: <u>31290</u>

CASING INFORMATION

15. Surface Casing Size: <u>10-3/4</u> Weight per Foot: <u>40.5</u> Grade: <u>J55</u> True Vertical Setting Depth: <u>1500</u>
16. Intermed. Casing Size: <u>7-5/8"</u> Weight per Foot: <u>26.4</u> Grade: <u>P110</u> True Vertical Setting Depth: <u>5804</u>

KICK INFORMATION

17. True Vertical Depth at Kick: <u>6586'</u>	19. Formation Code: <u>MNCS</u>
18. Formation at Kick: <u>Mancos</u>	21. Shut-in Casing Pressure (SICP): <u>1400</u> psi
20. Shut-in Drill Pipe Pressure (SIDPP): <u>400</u> psi	23. Pit Gain: <u>40</u> bbls
22. Mud weight at Time of Kick: <u>10.1</u> ppg	25. Mud Weight Required to Control Well: <u>11.2</u> ppg
24. Time and Date Shut In: <u>8/2/11 6 PM</u>	
26. Type of Kick: <input checked="" type="checkbox"/> Gas <input type="checkbox"/> Oil <input type="checkbox"/> Water	
27. Comments (describe actions to control in detail):	
Had drilling break & took 40 bbl kick @ 6586'.	
Notified Encana supt, engineer & BLM.	
SIDPP; 400 psi, SICP 1450 psi.	
Weigh up to 11.3 ppg & circ out kick using Wait & Weigh method.	
Had 20-50' flare for 1.5 times bottoms up, and smaller flare continued till 2 x BU. Got 11.1 ppg in returns only after 2.5 x BU	
Lost 133 bbl.	
Flowcheck - static. Open up well & start circ. Had pit gain. Flow check - flowing.	
Close in well & circ 2 x BU before flare was out after continous flaring 15-35' from 10 min into circulation. Lost 190 bbl.	
Open up choke and circ 30 spm/550 psi, 40/860, 50/1400. CBU 50 spm - volume static.	
Reduce rate to 40 spm & CBU.	