



State of Colorado

Oil and Gas Conservation Commission

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



FOR OGCC USE ONLY

RECEIVED

AUG 16 2012

COGCC

WELL CONTROL REPORT

As Required by Rule 327

1. OGCC Operator Number: 100185
2. Name of Operator: Encana Oil & Gas (USA) Inc
3. Address: 370 17th St, STE 1700
City: Denver State: CO Zip: 80202

4. Contact Name & Phone:
Miracle Pfister
Ph: 720-876-3761
Email: miracle.pfister@encana.com

Report taken by:

DAVE ANDREWS

WELL LOCATION INFORMATION

5. API Number: 05-045-21274-00 6. County: Garfield
7. Well Name: MCU 8. Well Number: 22-13A (N22W)
9. Unit Name (if appl.): Middleton Creek 10. Unit No: COC688997
11. QtrQtr: SESW Sec: 22 Twn: 7S Rng: 93W Meridian: 6
12. Footage From Exterior Section Lines: 567 FSL, 2073 FWL 653 FSL, 2064 FWL
13. Field Name: Mamm Creek 14. Field Number: 52500

CASING INFORMATION

15. Surface Casing Size: 9.625 Weight per Foot: 36 Grade: J55 True Vertical Setting Depth: 1590 ft
16. Intermed. Casing Size: / Weight per Foot: / Grade: / True Vertical Setting Depth: /

KICK INFORMATION

17. True Vertical Depth at Kick: 9192 ft
18. Formation at Kick: Rollins 19. Formation Code: RLNS
20. Shut-in Drill Pipe Pressure (SIDPP): not recorded psi 21. Shut-in Casing Pressure (SICP): 130 psi
22. Mud weight at Time of Kick: 10.4 ppg 23. Pit Gain: 20 bbls
24. Time and Date Shut In: 23:00 hrs; 8-14-12 25. Mud Weight Required to Control Well: 10.6 ppg
26. Type of Kick: ☒ Gas ☐ Oil ☐ Water
27. Comments (describe actions to control in detail):

Cuttings Gas: Pit gain started when gas was near surface. Shut well in Due to Pit Gain: 20 bbls, High flow rate: 85% and GTS: 2650 units. Close Pipe Rams, Open HCR to closed choke: Monitor pressures: ISIP: 50 psi increased to 130 psi. Circ using Driller Step 1 w/ 10.45 ppg mud, Circ Press: 600 psi, GTS immediately: 25-30' Flare dropping to 3' to 5' after 5mins. Bring Bttms Up plus @ 40 spm. Shut Well in: Monitor on Csg Press: No increase; Open Well and Flow Check 20 mins: OK.

Increase Mud Wt to 10.6 ppg in Mud Tanks and Circ Surface to Surface @ 80 spm. No losses w/ Flare f/ 3' to 8'. Mud Cut to 10.2ppg. Pump & spot LCM Pill across loss zone .