

FORM  
5

Rev  
02/08

State of Colorado

Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



DE ET OE ES

Document Number:

400247287

Date Received:

01/31/2012

DRILLING COMPLETION REPORT

This form is to be submitted within 30 days of the setting of production casing, the plugging of a dry hole, the deepening or sidetracking of a well, or any time the wellbore configuration is changed. If the well is deepened or sidetracked a new Form 5 is required. If an attempt has been made to complete/produce a well, then the operator shall submit Form 5A (Completed Interval Report.) If the well has been plugged, a form 6 (Well Abandonment Report) is required.

Completion Type ☒ Final completion ☐ Preliminary completion

1. OGCC Operator Number: 100185 4. Contact Name: Marina Ayala  
2. Name of Operator: ENCANA OIL & GAS (USA) INC Phone: (720) 876-5905  
3. Address: 370 17TH ST STE 1700 Fax: (720) 876-6905  
City: DENVER State: CO Zip: 80202-

5. API Number 05-077-10112-00 6. County: MESA  
7. Well Name: ORCHARD UNIT Well Number: 18-15H (K20OU)  
8. Location: QtrQtr: NESW Section: 20 Township: 8S Range: 96W Meridian: 6  
Footage at surface: Distance: 1399 feet Direction: FSL Distance: 1686 feet Direction: FWL  
As Drilled Latitude: 39.331914 As Drilled Longitude: -108.135201

GPS Data:

Data of Measurement: 09/27/2011 PDOP Reading: 2.2 GPS Instrument Operator's Name: Brandon Birdsall

\*\* If directional footage at Top of Prod. Zone Dist.: 1217 feet. Direction: FSL Dist.: 169 feet. Direction: FWL

Sec: 20 Twp: 8S Rng: 96W

\*\* If directional footage at Bottom Hole Dist.: 642 feet. Direction: FSL Dist.: 1870 feet. Direction: FEL

Sec: 18 Twp: 8S Rng: 96W

9. Field Name: GRAND VALLEY 10. Field Number: 31290

11. Federal, Indian or State Lease Number: COC58675

12. Spud Date: (when the 1st bit hit the dirt) 02/13/2011 13. Date TD: 07/01/2011 14. Date Casing Set or D&A: 07/02/2011

15. Well Classification:

☐ Dry ☐ Oil ☒ Gas/Coalbed ☐ Disposal ☐ Stratigraphic ☐ Enhanced Recovery ☐ Storage ☐ Observation

16. Total Depth MD 13853 TVD\*\* 8477 17 Plug Back Total Depth MD 13740 TVD\*\* 8571

18. Elevations GR 5927 KB 5949

One paper copy of all electric and mud logs must be submitted, along with one digital LAS copy as available.

19. List Electric Logs Run:

RST, CBL (same log included in Neutron) and Mud.

20. Casing, Liner and Cement:

CASING

| Casing Type | Size of Hole | Size of Casing | Wt/Ft | Csg/Liner Top | Setting Depth | Sacks Cmt | Cmt Top | Cmt Bot | Status |
|-------------|--------------|----------------|-------|---------------|---------------|-----------|---------|---------|--------|
| CONDUCTOR   | 30           | 20             | 53    | 0             | 40            | 40        | 0       | 40      | CALC   |
| SURF        | 14+3/4       | 10+3/4         | 40.50 | 0             | 1,535         | 854       | 0       | 1,570   | CALC   |
| 1ST         | 9+7/8        | 7+5/8          | 26.40 | 0             | 7,560         | 681       | 3,550   | 7,560   | CALC   |
| 2ND         | 6+3/4        | 5              | 23.20 | 0             | 13,833        | 663       | 4,120   | 13,853  | CBL    |

### STAGE/TOP OUT/REMEDIAL CEMENT

Cement work date: \_\_\_\_\_

| Method used | String | Cementing tool setting/pref depth | Cement volume | Cement top | Cement bottom |
|-------------|--------|-----------------------------------|---------------|------------|---------------|
| DV TOOL     | 1ST    | 3,099                             | 363           | 1,740      | 3,550         |

Details of work:

21. Formation log intervals and test zones:

### FORMATION LOG INTERVALS AND TEST ZONES

| FORMATION NAME | Measured Depth |        | Check if applies         |                                     | COMMENTS (All DST and Core Analyses must be submitted to COGCC) |
|----------------|----------------|--------|--------------------------|-------------------------------------|---|
|                | Top            | Bottom | DST                      | Cored                               |   |
| ROLLINS        | 4,961          | 5,230  | <input type="checkbox"/> | <input type="checkbox"/>            |   |
| COZZETTE       | 5,231          | 5,459  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |   |
| CORCORAN       | 5,460          | 6,814  | <input type="checkbox"/> | <input type="checkbox"/>            |   |
| CASTLEGATE     | 6,815          | 7,562  | <input type="checkbox"/> | <input type="checkbox"/>            |   |
| MANCOS         | 7,563          | 8,558  | <input type="checkbox"/> | <input type="checkbox"/>            |   |
| NIOBRARA       | 8,559          | 13,853 | <input type="checkbox"/> | <input type="checkbox"/>            |   |

Comment:

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

Signed: \_\_\_\_\_ Print Name: Marina Ayala

Title: Permitting Technician Date: 1/31/2012 Email: marina.ayala@encana.com

### Attachment Check List

| Att Doc Num                 | Document Name         | attached ? |                                     |    |                                     |
|-----------------------------|-----------------------|------------|-------------------------------------|----|-------------------------------------|
| <u>Attachment Checklist</u> |                       |            |                                     |    |                                     |
| 400247340                   | CMT Summary *         | Yes        | <input checked="" type="checkbox"/> | No | <input type="checkbox"/>            |
|                             | Core Analysis         | Yes        | <input type="checkbox"/>            | No | <input checked="" type="checkbox"/> |
| 400247339                   | Directional Survey ** | Yes        | <input checked="" type="checkbox"/> | No | <input type="checkbox"/>            |
|                             | DST Analysis          | Yes        | <input type="checkbox"/>            | No | <input checked="" type="checkbox"/> |
|                             | Logs                  | Yes        | <input checked="" type="checkbox"/> | No | <input type="checkbox"/>            |
|                             | Other                 | Yes        | <input type="checkbox"/>            | No | <input checked="" type="checkbox"/> |
| <u>Other Attachments</u>    |                       |            |                                     |    |                                     |
| 400247287                   | FORM 5 SUBMITTED      | Yes        | <input checked="" type="checkbox"/> | No | <input type="checkbox"/>            |
| 400247305                   | LAS-NEUTRON           | Yes        | <input checked="" type="checkbox"/> | No | <input type="checkbox"/>            |
| 400247313                   | PDF-MUD               | Yes        | <input checked="" type="checkbox"/> | No | <input type="checkbox"/>            |
| 400247314                   | PDF-CEMENT BOND       | Yes        | <input checked="" type="checkbox"/> | No | <input type="checkbox"/>            |

**General Comments**

| <b><u>User Group</u></b> | <b><u>Comment</u></b>  | <b><u>Comment Date</u></b> |
|--------------------------|--|----------------------------|
| Permit                   | off hold--paper logs RST/SM/GR-CC 1672731, 1672732 in well file. | 2/27/2012<br>10:45:03 AM   |
| Permit                   | on hold pending receipt of paper logs                            | 2/1/2012<br>12:54:04 PM    |

Total: 2 comment(s)