

FORM
5Rev
02/08

State of Colorado

Oil and Gas Conservation Commission

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



DE ET OE ES

Document Number:

400356272

Date Received:

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 05-045-20409-00

6. County: GARFIELD

7. Well Name: HMU Federal

Well Number: 21-1B (J16W)

8. Location: QtrQtr: NWSE Section: 16 Township: 7S Range: 93W Meridian: 6

Footage at surface: Distance: 1634 feet Direction: FSL Distance: 1673 feet Direction: FEL

As Drilled Latitude: 39.442946 As Drilled Longitude: -107.775693

GPS Data:

Data of Measurement: 10/20/2011 PDOP Reading: 2.2 GPS Instrument Operator's Name: Brandon Birdsall

** If directional footage at Top of Prod. Zone Dist.: 260 feet. Direction: FNL Dist.: 701 feet. Direction: FEL

Sec: 16 Twp: 7S Rng: 93W

** If directional footage at Bottom Hole Dist.: 269 feet. Direction: FNL Dist.: 712 feet. Direction: FEL

Sec: 16 Twp: 7S Rng: 9/W

9. Field Name: MAMM CREEK

10. Field Number: 52500

11. Federal, Indian or State Lease Number: COC61121

12. Spud Date: (when the 1st bit hit the dirt) 12/09/2011 13. Date TD: 05/11/2012 14. Date Casing Set or D&A: 05/12/2012

15. Well Classification:

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

16. Total Depth MD 10845 TVD** 10519 17 Plug Back Total Depth MD 10732 TVD** 10406

18. Elevations GR 7647 KB 7670

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 (included on Neutron Log) 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	26	16	42	0	72	40	0	40	CALC
SURF	12+1/4	9+5/8	36	0	1,701	525	0	1,701	CALC
1ST	7+7/8	4+1/2	11.6	0	10,787	953	5,240	10,845	CBL

STAGE/TOP OUT/REMEDIAL CEMENT

Cement work date: _____

Method used	String	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom

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	
WILLIAMS FORK	6,327	9,947	<input type="checkbox"/>	<input type="checkbox"/>	
ROLLINS	9,948	10,845	<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: _____ Email: marina.ayala@encana.com

Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
400356324	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
400356322	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>					
400356290	PDF-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400356319	LAS-NEUTRON	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400356323	DIRECTIONAL DATA	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)