

**FORM  
5**Rev  
09/14**State of Colorado****Oil and Gas Conservation Commission**

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



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Document Number:

400715723

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

OGCC Operator Number: 100185

Contact Name: Erin Lind

Name of Operator: ENCANA OIL &amp; GAS (USA) INC

Phone: (720) 876-5827

Address: 370 17TH ST STE 1700

Fax:

City: DENVER

State: CO

Zip: 80202-

API Number 05-123-38071-00

County: WELD

Well Name: Edith Ann-Duckworth

Well Number: 4C-21H O268

Location: QtrQtr: SWSE Section: 21 Township: 2N Range: 68W Meridian: 6

Footage at surface: Distance: 284 feet Direction: FSL Distance: 1356 feet Direction: FEL

As Drilled Latitude: 40.117667 As Drilled Longitude: -105.003632

## GPS Data:

Date of Measurement: 10/02/2014

PDOP Reading: 1.9

GPS Instrument Operator's Name: CHRIS

\*\* If directional footage at Top of Prod. Zone Dist.: 912 feet. Direction: FSL Dist.: 1677 feet. Direction: FEL

Sec: 21 Twp: 2N Rng: 68W

\*\* If directional footage at Bottom Hole Dist.: 772 feet. Direction: FNL Dist.: 1837 feet. Direction: FEL

Sec: 16 Twp: 2N Rng: 68W

Field Name: WATTENBERG

Field Number: 90750

Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 04/01/2014 Date TD: 07/28/2014 Date Casing Set or D&amp;A: 07/30/2014

Rig Release Date: 08/26/2014 Per Rule 308A.b.

## Well Classification:

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

Total Depth MD 16767 TVD\*\* 7304 Plug Back Total Depth MD 16655 TVD\*\* 7304

Elevations GR 4926 KB 4955

Digital Copies of ALL Logs must be Attached per Rule 308A ☒

## List Electric Logs Run:

CBL, MWD. Open hole logs were run on the Edith Ann Duckworth 4D-21H O268, which satisfies the COGCC request of open hole log data in a quarter-quarter section where none previously existed.

**CASING, LINER AND CEMENT**

Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Top	Cmt Bot	Status
CONDUCTOR	30	16	42	0	113	110	0	113	CALC
SURF	12+1/4	9+5/8	40	0	935	391	0	945	CALC
1ST	8+3/4	7	26	0	7,815	656	0	7,826	CALC
2ND	6+1/8	4+1/2	13.5	7826	16,752	926	5,815	16,767	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:

### FORMATION LOG INTERVALS AND TEST ZONES

FORMATION NAME	Measured Depth		Check if applies		COMMENTS (All DST and Core Analysis must be submitted to COGCC)
	Top	Bottom	DST	Cored	
SUSSEX	4,305				
SHANNON	4,847				
TEEPEE BUTTES	6,180				
SHARON SPRINGS	7,226				
NIOBRARA	7,364				

Comment:

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

Signed: \_\_\_\_\_

Print Name: Erin Lind

Title: Regulatory Analyst

Date: \_\_\_\_\_

Email: erin.lind@encana.com

### Attachment Check List

Att Doc Num	Document Name	attached ?
<u>Attachment Checklist</u>		
400716048	CMT Summary *	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
400716050	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>		
400715987	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400716001	PDF-MEASUREMENT/LOGGING WHILE DRILLING	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400716044	PDF-MEASUREMENT/LOGGING WHILE DRILLING	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400716047	LAS-MEASUREMENT/LOGGING WHILE DRILLING	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400716052	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)