

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:

400380792

Date Received:

10/14/2013

## 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: 10261

4. Contact Name: JONATHAN RUNGE

2. Name of Operator: BAYSWATER EXPLORATION AND PRODUCTION

Phone: (720) 420-5700

3. Address: 730 17TH ST STE 610

Fax: (720) 420-5800

City: DENVER State: CO Zip: 80202

5. API Number 05-123-36410-00

6. County: WELD

7. Well Name: Hirsch

Well Number: 14-24

8. Location: QtrQtr: NENE Section: 26 Township: 7N Range: 67W Meridian: 6

Footage at surface: Distance: 482 feet Direction: FNL Distance: 232 feet Direction: FEL

As Drilled Latitude: 40.551046 As Drilled Longitude: -104.851721

## GPS Data:

Data of Measurement: 05/17/2013 PDOP Reading: 1.4 GPS Instrument Operator's Name: David MacDonald

\*\* If directional footage at Top of Prod. Zone Dist.: 665 feet. Direction: FSL Dist.: 1961 feet. Direction: FWL

Sec: 24 Twp: 7N Rng: 67W

\*\* If directional footage at Bottom Hole Dist.: 664 feet. Direction: FSL Dist.: 1948 feet. Direction: FWL

Sec: 24 Twp: 7N Rng: 67W

9. Field Name: WATTENBERG

10. Field Number: 90750

11. Federal, Indian or State Lease Number:

12. Spud Date: (when the 1st bit hit the dirt) 01/28/2013 13. Date TD: 02/03/2013 14. Date Casing Set or D&amp;A: 02/04/2013

## 15. Well Classification:

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

16. Total Depth MD 7964 TVD\*\* 7439 17 Plug Back Total Depth MD 7927 TVD\*\* 7402

18. Elevations GR 4953 KB 4969

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:

Density, Neutron, Induction, CBL

## 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
SURF	12+1/4	8+5/8	24	0	756	300	0	756	VISU
1ST	7+7/8	4+1/2	11.6	0	7,964	920	1,634	7,964	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	
PARKMAN	3,914		<input type="checkbox"/>	<input type="checkbox"/>	
SUSSEX	4,743		<input type="checkbox"/>	<input type="checkbox"/>	
SHANNON	5,198		<input type="checkbox"/>	<input type="checkbox"/>	
NIOBRARA	7,520		<input type="checkbox"/>	<input type="checkbox"/>	
FORT HAYS	7,776		<input type="checkbox"/>	<input type="checkbox"/>	
CODELL	7,820		<input type="checkbox"/>	<input type="checkbox"/>	
GREENHORN	7,865		<input type="checkbox"/>	<input type="checkbox"/>	

Comment:

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

Signed: \_\_\_\_\_ Print Name: Jonathan Runge

Title: Consultant Date: 10/14/2013 Email: jrunge@iptengineers.com

### Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
400485766	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
400382485	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>					
400380792	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400382486	DIRECTIONAL DATA	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400393887	PDF-CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400485776	PDF-TRIPLE COMBINATION	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400494606	LAS-TRIPLE COMBINATION	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

### General Comments

User Group	Comment	Comment Date
Engineering Tech	Requested SC cmt tix by 1/31/14. Recieved SC cmt tix 1/21/14.	1/21/2014 3:44:48 PM

Total: 1 comment(s)