

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:

400393834

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: 10261

4. Contact Name: JONATHAN RUNGE

2. Name of Operator: BAYSWATER EXPLORATION AND PRODUCTION

Phone: (303) 216-0703

3. Address: 730 17TH ST STE 610

Fax: (303) 216-2139

City: DENVER State: CO Zip: 80202

5. API Number 05-123-36414-00

6. County: WELD

7. Well Name: Hirsch

Well Number: 19-24

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

Footage at surface: Distance: 459 feet Direction: FNL Distance: 254 feet Direction: FEL

As Drilled Latitude: 40.551110 As Drilled Longitude: -104.851800

GPS Data:

Data of Measurement: 05/17/2013 PDOP Reading: 4.8 GPS Instrument Operator's Name: David MacDonald

** If directional footage at Top of Prod. Zone Dist.: 1219 feet. Direction: FSL Dist.: 1223 feet. Direction: FWL

Sec: 24 Twp: 7N Rng: 67W

** If directional footage at Bottom Hole Dist.: 1211 feet. Direction: FSL Dist.: 1218 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) 03/04/2013 13. Date TD: 03/09/2013 14. Date Casing Set or D&A: 03/11/2013

15. Well Classification:

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

16. Total Depth MD 7922 TVD** 7451 17 Plug Back Total Depth MD 7891 TVD** 7420

18. Elevations GR 4953 KB 4869

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	755	274	0	755	VISU
1ST	7+7/8	4+1/2	11.6	0	7,909	860	1,605	7,909	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	3,900		<input type="checkbox"/>	<input type="checkbox"/>	
SUSSEX	4,720		<input type="checkbox"/>	<input type="checkbox"/>	
SHANNON	5,187		<input type="checkbox"/>	<input type="checkbox"/>	
NIOBRARA	7,465		<input type="checkbox"/>	<input type="checkbox"/>	
FORT HAYS	7,740		<input type="checkbox"/>	<input type="checkbox"/>	
CODELL	7,763		<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: Jonathan Runge

Title: Consultant Date: _____ Email: jrunge@iptengineers.com

Attachment Check List

Att Doc Num	Document Name	attached ?
<u>Attachment Checklist</u>		
400485848	CMT Summary *	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
400393883	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>		
400393869	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400393885	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400485853	PDF-TRIPLE COMBINATION	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400486485	LAS-TRIPLE COMBINATION	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)