State of Colorado
Oil and Gas Conservation Commission

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

DRILLING COMPLETION REPORT

Document Number:

400492032

Date Received:

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 [X] Final completion [ ] Preliminary completion

1. OGCC Operator Number: 10110

4. Contact Name: Callie Fiddes

2. Name of Operator: GREAT WESTERN OPERATING COMPANY LLC

Phone: (303) 398-0550

3. Address: 1801 BROADWAY #500

Fax:

City: DENVER State: CO Zip: 80202

5. API Number 05-123-35598-00

6. County: WELD

7. Well Name: HCW FD

Well Number: 24-20D

8. Location: QtrQtr: SESW Section: 24 Township: 6N Range: 67W Meridian: 6

Footage at surface: Distance: 35 feet Direction: FSL Distance: 2354 feet Direction: FWL

As Drilled Latitude: 40.465357 As Drilled Longitude: -104.842847

GPS Data:

Data of Measurement: 11/13/2012 PDOP Reading: 2.5 GPS Instrument Operator's Name: D. Schwartz

** If directional footage at Top of Prod. Zone Dist.: 1338 feet. Direction: FSL Dist.: 2651 feet. Direction: FEL

Sec: 24 Twp: 6N Rng: 6

** If directional footage at Bottom Hole Dist.: 1338 feet. Direction: FSL Dist.: 2651 feet. Direction: FEL

Sec: 24 Twp: 6N Rng: 6

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) 10/26/2012 13. Date TD: 10/19/2012 14. Date Casing Set or D&A: 10/30/2012

15. Well Classification:

[ ] Dry [X] Oil [ ] Gas/Coalbed [ ] Disposal [ ] Stratigraphic [ ] Enhanced Recovery [ ] Storage [ ] Observation

16. Total Depth MD 7439 TVD** 7259 17 Plug Back Total Depth MD 7424 TVD** 7209

18. Elevations GR 4744 KB 4758

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:

LAS

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	645	460	0	645	
1ST	7+7/8	4+1/2	11.6	0	7,437	600	2,000	7,423	

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	
NIOBRARA	6,955		☐	☐	
FORT HAYS	7,245		☐	☐	
CODELL	7,270		☐	☐	

Comment:

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

Signed: _____   Print Name: Callie Fiddes

Title: Regulatory Tech   Date: _____   Email: regulatorypermitting@gwogco.com

Attachment Check List

Att Doc Num	Document Name	attached ?			

Attachment Checklist

Att Doc Num	Document Name				
400492060	CMT Summary *	Yes	☒	No	☐
	Core Analysis	Yes	☐	No	☒
400492058	Directional Survey **	Yes	☒	No	☐
	DST Analysis	Yes	☐	No	☒
	Logs	Yes	☒	No	☐
	Other	Yes	☐	No	☒

Other Attachments

Att Doc Num	Document Name				
400492055	LAS-	Yes	☒	No	☐
400495473	DIRECTIONAL DATA	Yes	☒	No	☐

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)