

FORM  
5Rev  
12/20

## State of Colorado

## Oil and Gas Conservation Commission

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



Document Number:

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Date Received:

## DRILLING COMPLETION REPORT

Per Rule 308A, this form and all required attachments shall be submitted after completing the drilling operations to drill, sidetrack, or deepen a wellbore and after changing the casing and/or cement configuration of a wellbore. If any attempt has been made to test, complete, or produce the well, the operator shall also submit a Form 5A (Completed Interval Report) per Rule 308B. If the well has been plugged, the operator shall also submit a Form 6 (Well Abandonment Report) per Rule 311.

Completion Type ☒ Final completion ☐ Preliminary completion

OGCC Operator Number: 10110

Contact Name: Renee Kendrick

Name of Operator: GREAT WESTERN OPERATING COMPANY LLC

Phone: (720) 595-2114

Address: 1001 17TH STREET #2000

Fax:

City: DENVER

State: CO

Zip: 80202

Email: rkendrick@gwp.com

API Number 05-123-51586-00

County: WELD

Well Name: Raindance FC

Well Number: 23-312HN

Location: QtrQtr: NENE Section: 30 Township: 6N Range: 67W Meridian: 6  
FNL/FSL FEL/FWL

Footage at surface: Distance: 740 feet Direction: FNL Distance: 241 feet Direction: FEL

As Drilled Latitude: 40.462956 As Drilled Longitude: -104.927329

GPS Data: GPS Quality Value: 1.6 Type of GPS Quality Value: PDOP Date of Measurement: 07/21/2021

\*\* If directional footage at Top of Prod. Zone Dist: 1179 feet Direction: FSL Dist: 75 feet Direction: FEL  
Sec: 19 Twp: 6N Rng: 67W

\*\* If directional footage at Bottom Hole Dist: 1201 feet Direction: FSL Dist: 702 feet Direction: FWL  
Sec: 24 Twp: 6N Rng: 68W

Field Name: WATTENBERG

Field Number: 90750

Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 07/11/2021 Date TD: 08/12/2021 Date Casing Set or D&amp;A: 08/18/2021

Rig Release Date: 12/12/2021 Per Rule 308A.b.

Well Classification:

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

Total Depth MD 17425 TVD\*\* 6753 Plug Back Total Depth MD 17200 TVD\*\* 6759

Elevations GR 4788 KB 4808

Digital Copies of ALL Logs must be Attached



List All Logs Run:

CBL, Mud Log, MWD/LWD, (Composite in 123-44988)

## FLUID VOLUMES USED IN DRILLING OPERATIONS

(Enter "0" if a type of a fluid was not used. Do not leave blank.)

Total Fluids (bbls): 5801

Fresh Water (bbls): 5327

Recycled or Reused Fluids That Offset the Use of Fresh Water (bbls): 0

**CASING, LINER AND CEMENT**

Casing Type	Size of Hole	Size of Casing	Grade	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top	Status
SURF	13+1/2	9+5/8	J55	40	0	2066	920	2066	0	VISU
1ST	8+1/2	5+1/2	HCP110	20	0	17205	1850	17205	3000	CBL
OPEN HOLE	5+1/2				17205	17425				

Bradenhead Pressure Action Threshold 620 psig

This threshold is calculated per Rule 308A.b.(2)G. If this well is located in a bradenhead test area (see Rule 207.b) per an Order of the Commission, it may be subject to a different threshold.

Does the casing centralization comply with Rule 317.g? Yes

If "NO", provide details below.

**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	
PARKMAN	3,451	3,811	NO	NO	
SUSSEX	4,063	4,310	NO	NO	
SHANNON	4,694	4,790	NO	NO	
SHARON SPRINGS	7,303		NO	NO	
NIOBRARA	7,421		NO	NO	

Operator Comments:

This well was drilled during the second rig occupation on the Raindance Pad.

Alternative Logging Program: No open-hole logs were run; Open-hole composite log was run on the Raindance FD 20-359HC (API # 05-123-44988) Approved APD had BMP requiring one well on the pad to be logged with an open hole resistivity log with gamma ray.

TPZ footages are estimated and are based on the directional survey footages at the 75' setback. Well is not completed Estimated completion by end of Q1 2022. Actual TPZ footages will be reported on the Form 5A.

Production casing was set 220' off bottom. There is a fish in the hole @ 17425'. 79.21' of the BHA was left downhole after fishing unsuccessfully.

The depths reported on the surface cement summary are from the smaller surface rig with a 5' KB which is a 15' difference from the production rig KB of 20'.

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

Renee Kendrick

Signed:

Print Name:

Title: SR Regulatory Analyst

Date:

Email: rkendrick@gwp.com

**Attachment Check List**

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
402928679	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
402939362	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>					
402928678	PDF-CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
402929275	PDF-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
402939363	DIRECTIONAL DATA	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
402946838	LAS-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
402949516	PDF-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

**General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
		Stamp Upon Approval

Total: 0 comment(s)