

FORM
5Rev
12/20

State of Colorado

Energy & Carbon Management Commission

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



Document Number:

403308396

Date Received:

02/03/2023

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: 10261

Contact Name: Lauren Walsh

Name of Operator: BAYSWATER EXPLORATION & PRODUCTION LLC

Phone: (720) 8814502

Address: 730 17TH ST STE 500

Fax:

City: DENVER

State: CO

Zip: 80202

Email: lwalsh@bayswater.us

API Number 05-123-51842-00

County: WELD

Well Name: Ruby West

Well Number: 9R

Location: QtrQtr: NESW

Section: 7

Township: 7N

Range: 65W

Meridian: 6

FNL/FSL

FEL/FWL

Footage at surface: Distance: 2602 feet

Direction: FSL Distance: 2427 feet

Direction: FWL

As Drilled Latitude: 40.589693

As Drilled Longitude: -104.707112

GPS Data: GPS Quality Value: 1.3 Type of GPS Quality Value: PDOP

Date of Measurement: 07/14/2022

FNL/FSL

FEL/FWL

** If directional footage at Top of Prod. Zone

Dist: 1668 feet

Direction: FSL

Dist: 621 feet

Direction: FEL

Sec: 12

Twp: 7N

Rng: 65W

FNL/FSL

FEL/FWL

** If directional footage at Bottom Hole

Dist: 1699 feet

Direction: FSL

Dist: 480 feet

Direction: FWL

Sec: 11

Twp: 7N

Rng: 65W

Field Name: WATTENBERG

Field Number: 90750

Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 11/07/2022

Date TD: 11/11/2022

Date Casing Set or D&A: 11/12/2022

Rig Release Date: 11/14/2022 Per Rule 308A.b.

Well Classification:

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

Total Depth MD 17940

TVD** 7224

Plug Back Total Depth MD 17826

TVD** 7224

Elevations GR 4923

KB 4946

Digital Copies of ALL Logs must be Attached

☒

List All Logs Run:

MWD/LWD, CBL, MUD, DIL in API 05-123-51747

FLUID VOLUMES USED IN DRILLING OPERATIONS

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

Total Fluids (bbls): 3205

Fresh Water (bbls): 1496

Recycled or Reused Fluids That Offset the Use of Fresh Water (bbls): 1709

CASING, LINER AND CEMENT

<u>Casing Type</u>	<u>Size of Hole</u>	<u>Size of Casing</u>	<u>Grade</u>	<u>Wt/Ft</u>	<u>Csg/Liner Top</u>	<u>Setting Depth</u>	<u>Sacks Cmt</u>	<u>Cmt Btm</u>	<u>Cmt Top</u>	<u>Status</u>
CONDUCTOR	24	16	N/A	42	0	80	400	80	0	VISU
SURF	13+1/2	9+5/8	J55	36	0	1563	414	1563	0	VISU
1ST	8+1/2	5+1/2	HCP110	20	0	17803	2715	17803	650	CBL

Bradenhead Pressure Action Threshold 469 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	4,166		NO	NO	
SUSSEX	4,763		NO	NO	
SHANNON	5,626		NO	NO	
SHARON SPRINGS	7,824		NO	NO	
NIOBRARA	7,849		NO	NO	

Operator Comments:

The stated footages for the TPZ are at MD 8190', TVD 7213', and the BHL from projection to bit on directional survey at MD 17940', TVD 7224'. If the TPZ or BHL changes when well is completed it will be reported on the Form 5A.
Alternative Logging Program - No open-hole logs were run on this well. Open hole log was run on Ruby West 11 (API 123- 51747).
As per the previous Form 5, Doc ID: 403189420, the Ruby West 9 well was classified as Lost Hole/Rig Skid. On 11/11/2022, the redrill well (Ruby West 9R) was redrilled to TD of 17,820'.
As-Drilled GPS data was taken on a pre-set conductor.

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

Signed: _____

Print Name: Vinnie Wolfram

Title: Petroleum Engineer

Date: 2/3/2023

Email: vinnie.wolfram@iptwell.com

Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
403311255	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
403308422	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>					
403308396	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
403308407	PDF-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
403308408	PDF-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
403308409	PDF-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
403308410	PDF-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
403308412	LAS-CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
403308413	PDF-CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
403308421	DIRECTIONAL DATA	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
403308432	PDF-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
403308433	LAS-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
403311252	LAS-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Revised the TOC for the First string from 740' to 650', to match the CBL attached to this form.	04/02/2024
Permit	Corrected plug back depths. Pass.	04/01/2024
Permit	Corrected MD, TVD BHL. Wait on plugback depth.	03/28/2024
Permit	Added Alternate Logging program info per operator. Operator submitted production casing cement ticket docnum: 403726016.	03/26/2024
Permit	MDs and TVDs incorrect. Should be 17940, 7224. Incorrect on submit tab as well. Corrected TPZ. Missing production casing cement ticket per Rule 414b. 2A. On submit tab after stating: No open-hole logs were run operator shall clearly identify (by API#, well name & number) the well in which openhole logs were run.	02/29/2024

Total: 5 comment(s)