

FORM
5

Rev
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:

403521050

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

ECMC Operator Number: 10261 Contact Name: JEFF OVERMAN
Name of Operator: BAYSWATER EXPLORATION & PRODUCTION LLC Phone: (720) 881-4503
Address: 730 17TH ST STE 500 Fax:
City: DENVER State: CO Zip: 80202 Email: JOVERMAN@BAYSWATER.US

API Number 05-123-51499-00 County: WELD
Well Name: Sapphire Well Number: 3
Location: QtrQtr: SENW Section: 5 Township: 6N Range: 65W Meridian: 6
Footage at surface: Distance: 1999 feet Direction: FNL Distance: 1387 feet Direction: FWL
As Drilled Latitude: 40.518649 As Drilled Longitude: -104.691857
GPS Data: GPS Quality Value: 1.4 Type of GPS Quality Value: PDOP Date of Measurement: 02/20/2023
** If directional footage at Top of Prod. Zone Dist: 150 feet Direction: FSL Dist: 1002 feet Direction: FWL
** If directional footage at Bottom Hole Dist: 150 feet Direction: FNL Dist: 1002 feet Direction: FWL
Field Name: WATTENBERG Field Number: 90750
Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 03/14/2023 Date TD: 04/10/2023 Date Casing Set or D&A: 04/11/2023
Rig Release Date: 06/25/2023 Per Rule 308A.b.

Well Classification:
 Dry Oil Gas/Coalbed Disposal Stratigraphic Enhanced Recovery Storage Observation

Total Depth MD 17907 TVD** 7015 Plug Back Total Depth MD 17895 TVD** 7015
Elevations GR 4817 KB 4840 Digital Copies of ALL Logs must be Attached

List All Logs Run:
CBL, MUD, MWD/LWD, RES IN API 123-51517

FLUID VOLUMES USED IN DRILLING OPERATIONS
(Enter "0" if a type of a fluid was not used. Do not leave blank.)
Total Fluids (bbls): 2704 Fresh Water (bbls): 150
Recycled or Reused Fluids That Offset the Use of Fresh Water (bbls): 2554

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
CONDUCTOR	26	16	H-40	65	0	96	60	96	0	VISU
SURF	13+1/2	9+5/8	J55	36	0	1588	411	1588	0	VISU
1ST	8+1/2	5+1/2	P110	20	0	17895	2720	17895	0	CBL

Bradenhead Pressure Action Threshold 476 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 ECMC)
	Top	Bottom	DST	Cored	
PARKMAN	3,879				
SUSSEX	4,644				
SHANNON	5,268				
SHARON SPRINGS	7,214				
NIOBRARA	7,242				

Operator Comments:

The TPZ footages are estimates calculated through Directional Plotting Software—from where the production string (5 ½" casing) crosses the 150' setback hardline. The actual footages will be submitted with the Form 5A.
 Alternative Logging Program- No open hole resistivity log with gamma ray was run on this well per rule 317.p. A Resistivity log was run on Sapphire 13 (API 123-51517)

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

Signed: _____

Print Name: JEFF OVERMAN

Title: DRILLING MANAGER

Date: _____

Email: JOVERMAN@BAYSWATER.US

ATTACHMENT LIST

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
403540848	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
403521125	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>			
403521074	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
403521082	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
403521112	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
403521122	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
403540847	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineering Tech	RTD – does not abide guidance for reporting logs run, no LAS logs uploaded, no MWD/LWD GR of horizontal portion uploaded – resubmit complete/correct by 3/7/25 – no review beyond documenting logging requirements	02/24/2025

Total: 1 comment(s)