

FORM
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Rev
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:

403153542

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: <u>10670</u>	Contact Name: <u>DUSTIN DYK</u>
Name of Operator: <u>MALLARD EXPLORATION LLC</u>	Phone: <u>(720) 543-7951</u>
Address: <u>1400 16TH STREET SUITE 300</u>	Fax: _____
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>	Email: <u>DDYK@MALLARDEXPLORATION.COM</u>

API Number <u>05-123-47211-00</u>	County: <u>WELD</u>
Well Name: <u>Bashor Fed</u>	Well Number: <u>27-3-4HN</u>
Location: QtrQtr: <u>NWNE</u> Section: <u>27</u> Township: <u>9N</u> Range: <u>60W</u> Meridian: <u>6</u>	
	FNL/FSL FEL/FWL
Footage at surface: Distance: <u>459</u> feet Direction: <u>FNL</u> Distance: <u>1558</u> feet Direction: <u>FEL</u>	
As Drilled Latitude: <u>40.727097</u> As Drilled Longitude: <u>-104.074374</u>	
GPS Data: GPS Quality Value: <u>1.5</u> Type of GPS Quality Value: <u>PDOP</u> Date of Measurement: <u>05/12/2022</u>	
	FNL/FSL FEL/FWL
** If directional footage at Top of Prod. Zone Dist: <u>300</u> feet Direction: <u>FNL</u> Dist: <u>2310</u> feet Direction: <u>FWL</u>	
Sec: <u>27</u> Twp: <u>9N</u> Rng: <u>60W</u>	
	FNL/FSL FEL/FWL
** If directional footage at Bottom Hole Dist: <u>2372</u> feet Direction: <u>FSL</u> Dist: <u>2006</u> feet Direction: <u>FWL</u>	
Sec: <u>3</u> Twp: <u>8N</u> Rng: <u>60W</u>	
Field Name: <u>WILDCAT</u> Field Number: <u>99999</u>	
Federal, Indian or State Lease Number: _____	

Spud Date: (when the 1st bit hit the dirt) <u>02/18/2022</u> Date TD: <u>04/10/2022</u> Date Casing Set or D&A: <u>04/11/2022</u>
Rig Release Date: <u>05/07/2022</u> Per Rule 308A.b.

Well Classification:

Dry Oil Gas/Coalbed Disposal Stratigraphic Enhanced Recovery Storage Observation

Total Depth MD <u>20260</u> TVD** <u>6406</u> Plug Back Total Depth MD <u>20257</u> TVD** <u>6406</u>
Elevations GR <u>4994</u> KB <u>5011</u> Digital Copies of ALL Logs must be Attached <input checked="" type="checkbox"/>

List All Logs Run:

CBL, MUD, MWD/LWD, (TRIPLE COMBO RAN ON 123-47213)

FLUID VOLUMES USED IN DRILLING OPERATIONS
(Enter "0" if a type of a fluid was not used. Do not leave blank.)

Total Fluids (bbls): 4066 Fresh Water (bbls): 1980

Recycled or Reused Fluids That Offset the Use of Fresh Water (bbls): 2086

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	43	0	94	60	94	0	VISU
SURF	13+1/2	9+5/8	J-55	36	0	1936	735	1936	0	VISU
1ST	8+1/2	5+1/2	P-110	20	0	20257	3200	20257	160	CBL

Bradenhead Pressure Action Threshold 581 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	3,722				
SUSSEX	4,426				
SHANNON	4,853				
SHARON SPRINGS	6,458				
NIOBRARA	6,510				

Operator Comments:

The TPZ footages are estimates calculated through Directional Plotting Software—from where the production string (5 1/2" casing) crosses the 300' 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 Triple Combo log was run on Bashor Fed 27-3-6HN (123-47213)

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

Signed: _____

Print Name: DUSTIN DYK

Title: Chief Operating Officer

Date: _____

Email: DDYK@MALLARDEXPLORATION.COM

Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
403153557	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
403153556	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>			
403153552	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
403153553	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
403153554	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
403153555	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
403157314	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

General Comments

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

Total: 0 comment(s)