

FORM
5Rev
10/14

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:

401551687

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: 10661

Contact Name: Elizabeth Kane

Name of Operator: BISON OIL & GAS II LLC

Phone: (720) 644-6997

Address: 518 17TH STREET #1800

Fax:

City: DENVER

State: CO

Zip: 80202

Email: ekane@bisonog.com

API Number 05-123-45962-00

County: WELD

Well Name: De Ford

Well Number: 1 Intercept

Location: QtrQtr: NESE

Section: 19

Township: 8N

Range: 59W

Meridian: 6

FNL/FSL

FEL/FWL

Footage at surface: Distance: 2339 feet

Direction: FSL

Distance: 980 feet

Direction: FEL

As Drilled Latitude: 40.646963

As Drilled Longitude: -104.014001

GPS Data:

Date of Measurement: 03/08/2018

PDOP Reading: 1.3

GPS Instrument Operator's Name: Loren Shanks

FNL/FSL

FEL/FWL

** If directional footage at Top of Prod. Zone

Dist: 2339 feet

Direction: FSL

Dist: 980 feet

Direction: FEL

Sec: 19

Twp: 8N

Rng: 59W

FNL/FSL

FEL/FWL

** If directional footage at Bottom Hole

Dist: 2339 feet

Direction: FSL

Dist: 980 feet

Direction: FEL

Sec: 19

Twp: 8N

Rng: 59W

Field Name: WILDCAT

Field Number: 99999

Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 11/23/2017

Date TD: 11/29/2017

Date Casing Set or D&A:

Rig Release Date: 11/30/2017 Per Rule 308A.b.

Well Classification:

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

Total Depth MD 395

TVD** 379

Plug Back Total Depth MD 395

TVD** 379

Elevations GR 4833

KB 4842

Digital Copies of ALL Logs must be Attached per Rule 308A



List Electric Logs Run:

No Logs Run

CASING, LINER AND CEMENT

Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Top	Cmt Bot	Status
SURF	22	8+5/8	24	0	150	432	0	155	VISU
OPEN HOLE	4+3/4		0	0	395	101	0	0	VISU

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	

Operator Comments:

This well was drilled to the Condition of Approval listed on the Castor 8-59 19-24-12 Well API 05-123-45842, on November 17, 2017, Bison Oil & Gas II, LLC (Bison) moved a rig to the De Ford #1 API 05-123-05533, a well previously drilled and abandoned in 1955, to re-enter and properly isolate the Codell, Niobrara, and fresh water zones. Due to multiple issues, Bison proposed to intersect the De Ford #1 below the surface casing and cement (approximately 250' TVD) from this new well drilled 9' west of the De Ford #1. Bison attempted to use this re-entry as a method to properly isolate the Codell, Niobrara, and fresh water zones prior to hydraulically fracturing the horizontal well within 1500' of the De Ford #1. Please note that surface hole location was listed for footages at the top of the production zone and bottom hole.

Directional survey PDF not available.

Cement plugs detailed on Form 6 SR Doc # 401551725

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

Signed: _____

Print Name: Ariana Solis

Title: Regulatory Analyst Date: _____ Email: asolis@bisonog.com

Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
401577355	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
	Directional Survey **	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
	DST Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
	Logs	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
	Other	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
<u>Other Attachments</u>					
401577224	DIRECTIONAL DATA	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	<ul style="list-style-type: none">• Missing directional survey.pdf attachment.• Surface casing not cemented? Cement quantity indicated as zero on surface casing line.• No cement plugs? Cement quantity indicated as zero on open hole line.• No cement job summaries for surface casing or any plugs.	12/04/2018

Total: 1 comment(s)

