

**FORM**  
**5**Rev  
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:

402164164

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: 10459

Contact Name: Kamrin Ruder

Name of Operator: EXTRACTION OIL &amp; GAS INC

Phone: (720) 9747743

Address: 370 17TH STREET SUITE 5300

Fax:

City: DENVER

State: CO

Zip: 80202

Email: kruder@extractionog.com

API Number 05-123-45937-00

County: WELD

Well Name: AD FED DAIRY

Well Number: 20W-25-16

Location: QtrQtr: NWSW

Section: 21

Township: 5N

Range: 65W

Meridian: 6

FNL/FSL

FEL/FWL

Footage at surface: Distance: 1876 feet

Direction: FSL

Distance: 367 feet

Direction: FWL

As Drilled Latitude: 40.382525

As Drilled Longitude: -104.676489

GPS Data:

Date of Measurement: 06/10/2019

PDOP Reading: 1.5

GPS Instrument Operator's Name: JOHN PARKS

FNL/FSL

FEL/FWL

\*\* If directional footage at Top of Prod. Zone

Dist: 452 feet

Direction: FSL

Dist: 460 feet

Direction: FEL

Sec: 20

Twp: 5N

Rng: 66W

FNL/FSL

FEL/FWL

\*\* If directional footage at Bottom Hole

Dist: 544 feet

Direction: FSL

Dist: 2122 feet

Direction: FEL

Sec: 24

Twp: 5N

Rng: 66W

Field Name: WATTENBERG

Field Number: 90750

Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 04/24/2019

Date TD: 08/09/2019

Date Casing Set or D&amp;A: 08/01/2019

Rig Release Date: 08/27/2019 Per Rule 308A.b.

Well Classification:

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

Total Depth MD 19756

TVD\*\* 7139

Plug Back Total Depth MD 19746

TVD\*\* 7139

Elevations GR 4639

KB 4667

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

☒

List Electric Logs Run:

CBL, MUD, MWD, RESISTIVITY

**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
CONDUCTOR	24	16	42	0	80	100	0	80	VISU
SURF	12+1/4	9+5/8	20	0	1,597	515	0	1,597	VISU
1ST	8+1/2	5+1/2	20	0	19,746	3,350	310	19,746	CBL

**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	3,652		NO	NO	
SUSSEX	4,362		NO	NO	
SHANNON	5,202		NO	NO	
NIOBRARA	6,965		NO	NO	
FORT HAYS	7,414		NO	NO	
CODELL	9,937		NO	NO	

## Operator Comments:

The TPZ footages are estimates calculated through Directional Plotting Software—from where the production string (5 ½" casing) crosses the 460' setback hardline. The actual footages will be submitted with the Form 5A.

Open hole resistivity log with gamma ray was run on this well.

Additional Formation Tops  
Niobrara  
15585-15798

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

Signed: \_\_\_\_\_

Print Name: Kamrin RuderTitle: Drilling Technician

Date: \_\_\_\_\_

Email: kruder@extractionog.com

### Attachment Check List

Att Doc Num	Document Name	attached ?
<u>Attachment Checklist</u>		
402167322	CMT Summary *	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
402167319	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>		
402164225	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
402164228	PDF-MUD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
402167318	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
402167326	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
402167329	PDF-MWD/LWD	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)

