

FORM
5Rev
02/20**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:

402316483

Date Received:

02/28/2020

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 & GAS INC

Phone: (720) 9747743

Address: 370 17TH STREET SUITE 5300

Fax:

City: DENVER

State: CO

Zip: 80202

Email: kruder@extractionog.com

API Number 05-014-20786-00

County: BROOMFIELD

Well Name: NORTHWEST A

Well Number: S20-25-12N

Location: QtrQtr: NWNW Section: 9 Township: 1S Range: 68W Meridian: 6
FNL/FSL FEL/FWL

Footage at surface: Distance: 1281 feet Direction: FNL Distance: 849 feet Direction: FWL

As Drilled Latitude: 39.983180 As Drilled Longitude: -105.012793

GPS Data: GPS Quality Value: 1.5 Type of GPS Quality Value: PDOP Date of Measurement: 10/03/2019

GPS Instrument Operator's Name: DANIEL SULLIVAN

FNL/FSL

FEL/FWL

** If directional footage at Top of Prod. Zone Dist: 480 feet Direction: FNL Dist: 2117 feet Direction: FEL
Sec: 8 Twp: 1S Rng: 68W

FNL/FSL

FEL/FWL

** If directional footage at Bottom Hole Dist: 2145 feet Direction: FNL Dist: 2116 feet Direction: FEL
Sec: 20 Twp: 1S Rng: 68W

Field Name: DJ HORIZONTAL NIOBRARA

Field Number: 16950

Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 08/31/2019 Date TD: 01/03/2020 Date Casing Set or D&A: 01/04/2020

Rig Release Date: 01/11/2020 Per Rule 308A.b.

Well Classification:

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

Total Depth MD 21610 TVD** 7889 Plug Back Total Depth MD 21602 TVD** 7889

Elevations GR 5314 KB 5343

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

List Electric Logs Run:

CBL, Mud Log, MWD/LWD, (Resistivity on 014-20789).

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	36	0	1,592	625	0	1,615	VISU
1ST	8+1/2	5+1/2	20	0	21,602	3,518	3,690	21,610	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	5,357		NO	NO	
SUSSEX	5,831		NO	NO	
SHANNON	6,605		NO	NO	
SHARON SPRINGS	9,013		NO	NO	
NIOBRARA	9,051		NO	NO	

Operator Comments:

The TPZ footages are estimates calculated through Directional Plotting Software—from where the production string (5 ½" casing) crosses the 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 the Northwest A S20-25-11C (014-20789).

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: 2/28/2020 Email: kruder@extractionog.com

Attachment Check List

Att Doc Num	Document Name	attached ?
<u>Attachment Checklist</u>		
	CMT Summary *	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
402325678	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>		
402316483	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
402317290	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
402317292	PDF-MUD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
402325673	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
402325675	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
402325676	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
402325679	CEMENT JOB SUMMARY_PRODUCTION	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
402325680	CEMENT JOB SUMMARY_SURFACE	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineering Tech	Corrected field name Corrected list all electric logs run abbreviation Corrected surface string cement bottom per attached cement job summary Corrected 1st string cement bottom per attached cement job summary and directional survey Passed engineering review	09/09/2020
Permit	• TPZ footages estimated; BHL footages ok.	08/19/2020

Total: 2 comment(s)

