

FORM
5

Rev
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:

402316482

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 05-014-20789-00 County: BROOMFIELD
Well Name: NORTHWEST A Well Number: S20-25-11C
Location: QtrQtr: NWNW Section: 9 Township: 1S Range: 68W Meridian: 6
FNL/FSL FEL/FWL
Footage at surface: Distance: 1285 feet Direction: FNL Distance: 831 feet Direction: FWL
As Drilled Latitude: 39.983169 As Drilled Longitude: -105.012854
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: 2419 feet Direction: FEL
Sec: 8 Twp: 1S Rng: 68W
FNL/FSL FEL/FWL
** If directional footage at Bottom Hole Dist: 2144 feet Direction: FNL Dist: 2406 feet Direction: FEL
Sec: 20 Twp: 1S Rng: 68W
Field Name: DJ HORIZONTAL CODELL Field Number: 16948
Federal, Indian or State Lease Number: _____

Spud Date: (when the 1st bit hit the dirt) 08/31/2019 Date TD: 12/29/2019 Date Casing Set or D&A: 12/30/2019
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 21935 TVD** 8247 Plug Back Total Depth MD 21927 TVD** 8247

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.

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	1,610	625	0	1,630	VISU
1ST	8+1/2	5+1/2	20	0	21,927	3,585	260	21,935	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	5,355		NO	NO	
SUSSEX	5,812		NO	NO	
SHANNON	6,532		NO	NO	
SHARON SPRINGS	8,944		NO	NO	
NIOBRARA	8,963		NO	NO	
FORT HAYS	9,540		NO	NO	
CODELL	9,601		NO	NO	

Operator Comments:

The TPZ footages are estimates calculated through Directional Plotting Software—from where the production string (5 1/2" casing) crosses the setback hardline. The actual footages will be submitted with the Form 5A.
Open hole resistivity log with gamma ray was run on this well.

Fort Hays:
14252-14412
14738-15585
17474-17681
19006-19969
21753-21935

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

Signed: _____

Print Name: Kamrin Ruder

Title: Drilling Technician

Date: 2/28/2020

Email: krunder@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"/>
402325667	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>			
2349965	RESISTIVITY_LAS	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
2349967	RESISTIVITY_PDF	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402316482	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402317212	CEMENT BOND_PDF	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402317215	MUD_PDF	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402325631	MWD/LWD_LAS	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402325647	MWD/LWD_PDF	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402325650	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402325656	CEMENT JOB SUMMARY_SURFACE	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402325661	CEMENT JOB SUMMARY_PRODUCTION	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	10/07/2020
Permit	<ul style="list-style-type: none"> • Missing Resistivity .pdf and .las logs; Resistivity .las uploaded as doc 02349965 and .pdf uploaded as doc 02349967. • TPZ footages estimated; BHL footages ok. 	08/13/2020

Total: 2 comment(s)

