

FORM
5Rev
09/14

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:

401158784

Date Received:

01/06/2017

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 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

API Number 05-123-43400-00 County: WELD
 Well Name: Winder South Well Number: 4
 Location: QtrQtr: SENE Section: 9 Township: 6N Range: 67W Meridian: 6
 Footage at surface: Distance: 2306 feet Direction: FNL Distance: 468 feet Direction: FEL
 As Drilled Latitude: 40.502673 As Drilled Longitude: -104.890556

GPS Data:

Date of Measurement: 11/12/2016 PDOP Reading: 1.7 GPS Instrument Operator's Name: Dominick Davis** If directional footage at Top of Prod. Zone Dist.: 1970 feet Direction: FSL Dist.: 479 feet Direction: FELSec: 9 Twp: 6N Rng: 67W** If directional footage at Bottom Hole Dist.: 2036 feet Direction: FSL Dist.: 540 feet Direction: FWLSec: 8 Twp: 6N Rng: 67WField Name: WATTENBERG Field Number: 90750

Federal, Indian or State Lease Number: _____

Spud Date: (when the 1st bit hit the dirt) 08/14/2016 Date TD: 09/07/2016 Date Casing Set or D&A: 09/08/2016Rig Release Date: 11/06/2016 Per Rule 308A.b.

Well Classification:

☐ Dry ☒ Oil ☐ Gas/Coalbed ☐ Disposal ☐ Stratigraphic ☐ Enhanced Recovery ☐ Storage ☐ ObservationTotal Depth MD 16870 TVD** 6826 Plug Back Total Depth MD 16857 TVD** 6826Elevations GR 4855 KB 4880 Digital Copies of ALL Logs must be Attached per Rule 308A ☒

List Electric Logs Run:

MWD/LWD, CBL, Mud, (Triple Combo on 123-43548).

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	13+1/2	9+5/8	36	0	1,557	565	0	1,557	VISU
1ST	7+7/8	5+1/2	20	0	16,860	2,100	100	16,860	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	3,640		NO	NO	
SUSSEX	4,202		NO	NO	
SHANNON	4,761		NO	NO	
SHARON SPRINGS	7,120		NO	NO	
NIOBRARA	7,180		NO	NO	

Operator Comments

No open hole Resistivity log with Gamma Ray was run on this well. A Triple Combo was run on the Winder South 11 (123-43548).
The TPZ footages are estimates as the completions on this well will be delayed due to economic and logistical reasons.
CBL has incorrect API.

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: 1/6/2017 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"/>
401167023	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>					
401158784	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401166937	CEMENT BOND_PDF	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401167020	DIRECTIONAL DATA	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401167034	CEMENT JOB SUMMARY_PRODUCTION	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401167036	CEMENT JOB SUMMARY_SURFACE	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401167039	MUD_HORIZONTAL_PDF	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401167043	MUD_VERTICAL_PDF	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401167044	MWD/LWD_PDF	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401167045	MWD/LWD_LAS	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineering Tech	<p>Bradenhead tests(two missed) were not performed per the COA on the related Form 2; referred to enforcement group.</p> <p>Form 7 is missing from the Spud Date; request sent to Operator.</p> <ul style="list-style-type: none"> • The Cement Job Summary for the first string has the incorrect API# provided but this is the correct summary for the Winder South 4 well • The Cement Bond Log has the incorrect API# provided but this is the correct log for the Winder South 4 well • Corrected the "Date TD" per the attached Mud log 	07/25/2018
Permit	<ul style="list-style-type: none"> • TPZ footages corrected from 1975' FSL to 1970' FSL and from 460' FEL to 479' FEL, per operator. • Added comment: "No open hole Resistivity log with Gamma Ray was run on this well" to Submit tab. • "Gamma Ray" log names corrected to "MWD/LWD". • "Combination OHL" corrected to "Triple Combo" in operator comment on Submit tab. • Added "Triple Combo on 123-43548" to list of logs run. • First string "Sacks of Cement" corrected from 2025 to 2100 per cement job summary. • "Date Casing Set" corrected from 9/7/2016 to 9/8/2016 per cement job summary. 	06/14/2018

Total: 2 comment(s)