

**FORM  
5**Rev  
09/14**State of Colorado****Oil and Gas Conservation Commission**

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Document Number:

401158791

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 05-123-43405-00 County: WELD  
Well Name: Winder South Well Number: 8  
Location: QtrQtr: SENE Section: 9 Township: 6N Range: 67W Meridian: 6  
Footage at surface: Distance: 2306 feet Direction: FNL Distance: 388 feet Direction: FEL  
As Drilled Latitude: 40.502669 As Drilled Longitude: -104.890265

## GPS Data:

Date of Measurement: 11/12/2016 PDOP Reading: 1.9 GPS Instrument Operator's Name: Dominick Davis\*\* If directional footage at Top of Prod. Zone Dist.: 1121 feet Direction: FSL Dist.: 1511 feet Direction: FWLSec: 9 Twp: 6N Rng: 67W\*\* If directional footage at Bottom Hole Dist.: 1201 feet Direction: FSL Dist.: 518 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) 08/18/2016 Date TD: 10/06/2016 Date Casing Set or D&A: 10/08/2016Rig Release Date: 11/06/2016 Per Rule 308A.b.

## Well Classification:

☐ Dry ☒ Oil ☐ Gas/Coalbed ☐ Disposal ☐ Stratigraphic ☐ Enhanced Recovery ☐ Storage ☐ ObservationTotal Depth MD 17247 TVD\*\* 7092 Plug Back Total Depth MD 17241 TVD\*\* 7092Elevations GR 4856 KB 4881 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	1,564	565	0	1,564	VISU
1ST	7+7/8	5+1/2	20	0	17,244	2,175	900	17,244	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	3,690		NO	NO	
SUSSEX	4,275		NO	NO	
SHANNON	4,855		NO	NO	
SHARON SPRINGS	7,272		NO	NO	
NIOBRARA	7,309		NO	NO	
FORT HAYS	7,675		NO	NO	
CODELL	7,788		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 calculated through Directional Plotting Software—from where the production string (5 ½" casing) crosses the 460' setback hardline.

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"/>
401172639	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>					
2349513	CEMENT BOND_LAS	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401158791	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401165331	CEMENT BOND_PDF	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401165342	CEMENT JOB SUMMARY_SURFACE	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401165343	CEMENT JOB SUMMARY_PRODUCTION	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401172629	MUD_VERTICAL_PDF	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401172630	MUD_HORIZONTAL_PDF	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401172633	MWD/LWD_LAS	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401172634	MWD/LWD_PDF	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401172635	DIRECTIONAL DATA	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401172636	DIRECTIONAL SURVEY_PLOT	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Bradenhead tests(two missed) were not performed per the COA on the related Form 2; referred to enforcement group. Form 7 is missing from the Spud Date; request sent to Operator. The API# provided on the Mud log is incorrect however the log is for the correct well.	09/17/2018
Permit	<ul style="list-style-type: none"><li>• MWD/LWD (.las) log starts at 6000', however .pdf version starts at 1565'; per operator: "The majority of the depths on these files are off because although we picked up gamma from surface, the gamma information wasn't being sent out until deeper so that is where the LAS files begin to be sent. With not being in possession of the kits or databases to recreate LAS files, I do not have the ability to create an LAS file starting at 1565'."; CBL (.las) submitted instead.</li><li>• TPZ footages corrected from 3123' FSL to 1121' FSL and from 460' FEL to 1511' FWL per operator.</li><li>• BHL footages corrected from 1211' FSL to 1201' FSL per operator.</li><li>• Added comment: "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)" to Submit tab.</li><li>• "Date Rig Released" corrected from 10/9/2016 to 11/6/2016 per other wells on pad.</li><li>• TD corrected from 17248' to 17247' per directional survey, directional data, MWD/LWD log, and Mud log.</li><li>• "Directional Data" (401172639) name corrected to "Directional Survey".</li><li>• Surface and first string "Setting Depth" and "Cement Btm" adjusted per cement job summaries.</li><li>• First string "Sacks of Cement" corrected from 2100 to 2175 per cement job summary.</li><li>• "Date Casing Set" corrected from 10/7/2016 to 10/8/2016 per cement job summary.</li></ul>	06/14/2018

Total: 2 comment(s)