

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



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Document Number:

401158786

Date Received:

## DRILLING COMPLETION REPORT

This form is to be submitted within 30 days of the setting of production casing, the plugging of a dry hole, the deepening or sidetracking of a well, or any time the wellbore configuration is changed. If the well is deepened or sidetracked a new Form 5 is required. If an attempt has been made to complete/produce a well, then the operator shall submit Form 5A (Completed Interval Report.) If the well has been plugged, a form 6 (Well Abandonment Report) is required.

Completion Type ☒ Final completion ☐ Preliminary completion

OGCC Operator Number: 10459

Contact Name: Kamrin Ruder

Name of Operator: EXTRACTION OIL &amp; GAS LLC

Phone: (720) 9747743

Address: 370 17TH STREET SUITE 5300

Fax:

City: DENVER

State: CO

Zip: 80202

API Number 05-123-43407-01

County: WELD

Well Name: Winder South

Well Number: 5

Location: QtrQtr: SENE Section: 9 Township: 6N Range: 67W Meridian: 6

Footage at surface: Distance: 2306 feet Direction: FNL Distance: 448 feet Direction: FEL

As Drilled Latitude: 40.502673 As Drilled Longitude: -104.890484

## GPS Data:

Date of Measurement: 11/12/2016 PDOP Reading: 1.5 GPS Instrument Operator's Name: Dominick Davis

\*\* If directional footage at Top of Prod. Zone Dist.: 1804 feet. Direction: FSL Dist.: 1886 feet. Direction: FWL

Sec: 8 Twp: 6N Rng: 67W

\*\* If directional footage at Bottom Hole Dist.: 1804 feet. Direction: FSL Dist.: 1886 feet. Direction: FWL

Sec: 8 Twp: 6N Rng: 67W

Field 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: 09/17/2016 Date Casing Set or D&amp;A: 09/18/2016

Rig Release Date: 11/06/2016 Per Rule 308A.b.

## Well Classification:

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

Total Depth MD 15700 TVD\*\* 7160 Plug Back Total Depth MD 15548 TVD\*\* 7156

Elevations GR 4855 KB 4880

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

## List Electric Logs Run:

MUD

## 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	1,556	565	0	1,556	VISU
OPEN HOLE	7+7/8			0	15,769				VISU

## 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	4,213		NO	NO	
SHANNON	4,781		NO	NO	
SHARON SPRINGS	7,111		NO	NO	
NIOBRARA	7,148		NO	NO	
FORT HAYS	7,607		NO	NO	
CODELL	7,732		NO	NO	

Comment:

All other logs ran on Winder South 5 will be attached to its sidetrack 02 Form 5.

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

We were drilling along at 15,700' and had our well projected 8' from the old hole. We drifted back towards original well plan. Believe it or not we intercepted the original well bore. We were frightful that if we pumped cement it might channel up the old well bore and strand the production casing.

We pulled back to 15548' and sidetracked to avoid the original hole and not drift back toward the original BHL til after we passed the old hole.

API # - 05-123-43407

Total MD Drilled – 15,700'

Surface Casing – 9-5/8" 36# set at 1558'

Proposed Fish – None

Open hole sidetrack plan: Side track at 15548' and change targets to avoid Carlisle

Depth of Sidetrack- 15548' MD

Objective formation of sidetrack – Codell (same as APD)

Proposed BHL – Sec 8 – TWP 6N 67W 1870 FSL 460 FWL (same as approved sundry)

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: \_\_\_\_\_ 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"/>
	Directional Survey **	Yes <input type="checkbox"/>	No <input checked="" 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>			
401171808	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401171810	DIRECTIONAL DATA	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)