

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:

401158818

Date Received:

01/24/2017

## 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 &amp; GAS INC

Phone: (720) 9747743

Address: 370 17TH STREET SUITE 5300

Fax:

City: DENVER State: CO Zip: 80202

API Number 05-123-39984-00

County: WELD

Well Name: Varra

Well Number: 3

Location: QtrQtr: NWSW Section: 5 Township: 6N Range: 67W Meridian: 6

Footage at surface: Distance: 1693 feet Direction: FSL Distance: 790 feet Direction: FWL

As Drilled Latitude: 40.513224 As Drilled Longitude: -104.923879

## GPS Data:

Date of Measurement: 12/02/2016 PDOP Reading: 1.2 GPS Instrument Operator's Name: Charlie Scott

\*\* If directional footage at Top of Prod. Zone Dist.: 2106 feet Direction: FSL Dist.: 2286 feet Direction: FEL

Sec: 4 Twp: 6N Rng: 67W

\*\* If directional footage at Bottom Hole Dist.: 2106 feet Direction: FSL Dist.: 2286 feet Direction: FEL

Sec: 4 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) 08/05/2016 Date TD: 09/30/2016 Date Casing Set or D&amp;A: 08/06/2016

Rig Release Date: 11/26/2016 Per Rule 308A.b.

## Well Classification:

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

Total Depth MD 15135 TVD\*\* 6839 Plug Back Total Depth MD 15135 TVD\*\* 6839

Elevations GR 4874 KB 4899

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

## List Electric Logs Run:

Logs attached to Sidetrack Form 5, (Triple Combo on 123-39990).

## 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	1,578	565	0	1,578	VISU
OPEN HOLE	7+7/8			1578	15,135				

### 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	3,431		NO	NO	
SUSSEX	3,973		NO	NO	
SHANNON	4,535		NO	NO	
SHARON SPRINGS	7,045		NO	NO	
NIOBRARA	7,146		NO	NO	

#### Operator Comments

No open hole Resistivity log with Gamma Ray was run on this well. A Triple Combo log was run on the Varra 10 (123-39990).

We tripped back in the hole on the Varra #3. We had a throw at 14,100' that was 45' larger than the previous well drilled and put us in the bottom of the Sharron. We weighted up our mud and conditioned the hole--we saw little improvement. With how sticky the well was acting our best option was to pull back and sidetrack. We then lowered our targets going into the fault so as to avoid the Sharron on this pass.

We pulled back to 11,033' to sidetrack.

API # - 05-123-39984-00

Total MD Drilled – 15,135'

Surface Casing – 9-5/8" 36# set at 1596'

Proposed Fish – None

Open hole sidetrack plan: Side track at 11,033' and change targets to avoid Sharron

Depth of Sidetrack- 11,033' MD

Objective formation of sidetrack – Niobrara (same as APD)

Proposed BHL – Sec 5 – TWP 6N 67W 2110 FSL 460 FEL (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: 1/24/2017

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"/>
2349473	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 type="checkbox"/>	No	<input checked="" type="checkbox"/>
	Other	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
<u>Other Attachments</u>					
401158818	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401186681	CEMENT JOB SUMMARY_SURFACE	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401671288	DIRECTIONAL DATA	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	<ul style="list-style-type: none"> <li>• Missing surface string cement job summary; attached to -01 wellbore Form 5; re-indexed to this Form.</li> <li>• Surface string "Setting Depth" and "Cement Btm" corrected from 1594' to 1578' per cement job summary.</li> <li>• Missing surface string "Sacks of Cement"; entered as 565 per cement job summary.</li> <li>• Missing Directional Survey; received via email and uploaded as doc 02349473.</li> <li>• TD corrected from 15,041' (final survey) to 15,135' (projection to bit) and TVD from 6,846' to 6,839' per directional survey.</li> <li>• Missing directional data; received and uploaded.</li> <li>• BHL footages (and therefore TPZ footages) corrected from 2110' FSL to 2106' FSL and from 460' FEL to 2286' FEL, per operator; removed operator comment from Submit tab that footages are estimated.</li> <li>• Added comment: "No open hole Resistivity log with Gamma Ray was run on this well" to Submit tab.</li> <li>• Removed open hole status of "VISU"; open hole so no cement status to verify.</li> <li>• Corrected open hole "Csg/Lin Top" from 0' to 1,578' to reflect surface string shoe.</li> <li>• Corrected open hole "Setting Depth" from 16,815' (sidetrack TD) to 15,135' per this -00 wellbore's TD.</li> <li>• "Date Casing Set" corrected from 10/3/2016 to 8/6/2016 to reflect last string set in this hole (surface string).</li> <li>• "Date TD" corrected from 10/3/2016 (sidetrack TD date) to 9/30/2016 to reflect the date this OH was TD'd.</li> <li>• PBTD corrected from 11,033' to 15,135' (TD); open-hole sidetrack so no cement used to plug back.</li> </ul>	05/09/2018

Total: 1 comment(s)