

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:

401090430

Date Received:

04/24/2018

## 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: 96155

Contact Name: Pauleen Tobin

Name of Operator: WHITING OIL &amp; GAS CORPORATION

Phone: (303) 837-1661

Address: 1700 BROADWAY STE 2300

Fax:

City: DENVER State: CO Zip: 80290

API Number 05-123-42636-00

County: WELD

Well Name: Razor

Well Number: 250-2410

Location: QtrQtr: SWSE Section: 25 Township: 10N Range: 58W Meridian: 6

Footage at surface: Distance: 355 feet Direction: FSL Distance: 1980 feet Direction: FEL

As Drilled Latitude: 40.803460 As Drilled Longitude: -103.810309

## GPS Data:

Date of Measurement: 07/25/2016 PDOP Reading: 1.4 GPS Instrument Operator's Name: Michael Brown

\*\* If directional footage at Top of Prod. Zone Dist.: 759 feet Direction: FSL Dist.: 2263 feet Direction: FEL

Sec: 25 Twp: 10N Rng: 58W

\*\* If directional footage at Bottom Hole Dist.: 100 feet Direction: FNL Dist.: 2140 feet Direction: FEL

Sec: 24 Twp: 10N Rng: 58W

Field Name: DJ HORIZONTAL NIOBRARA

Field Number: 16950

Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 08/08/2016 Date TD: 08/12/2016 Date Casing Set or D&amp;A: 08/14/2016

Rig Release Date: 09/15/2016 Per Rule 308A.b.

## Well Classification:

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

Total Depth MD 15844 TVD\*\* 5618 Plug Back Total Depth MD 15800 TVD\*\* 5619

Elevations GR 4718 KB 4739

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

## List Electric Logs Run:

LWD/Mud/CBL/(Composite in 123-42647 &amp; 123-42634)

## 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	65	0	101		0	101	VISU
SURF	13+1/2	9+5/8	36	0	2,084	680	0	2,084	VISU
1ST	8+1/2	5+1/2	20	0	15,843	2,650	200	15,843	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	
PIERRE	1,380		NO	NO	
HYGIENE	3,113		NO	NO	
SHARON SPRINGS	5,650		NO	NO	
NIOBRARA	5,659		NO	NO	

#### Operator Comments

Well drilled within setbacks. Tartan sub at 15756.0' (lowest completed interval), Float Collar is at 15799.9'.  
TPZ is estimated based on estimated location of lower Marker joint at 5854' and will be corrected to actual top perf on form 5a.  
Estimated date for well completion is 01/01/2018.  
No open-hole logs were run on this well. Composite run in API: 123-42647 and API: 123-42634.

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

Signed: \_\_\_\_\_ Print Name: Pauleen Tobin

Title: Engineer Tech Date: 4/24/2018 Email: pollyt@whiting.com

### Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
401090692	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401093875	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
401168094	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>					
401090430	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401119053	PDF-CBL 1ST RUN	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401119054	PDF-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401119056	LAS-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401119060	PDF-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401119065	PDF-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401168093	DIRECTIONAL DATA	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401611089	LAS-CBL 1ST RUN	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Corrected the TPZ section per information on form 5A, doc #401507006. Corrected rig release date. Corrected Electric Logs Run Comments section. Corrected Open Hole Log Exception comments on Submit tab. Permitting review complete, passed task.	04/03/2018
Permit	Revised Formation Tops per Operator request.	11/27/2017

Total: 2 comment(s)