

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:

400579051

Date Received:

08/29/2017

## 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: 96155

Contact Name: Pauleen Tobin

Name of Operator: WHITING OIL &amp; GAS CORPORATION

Phone: (303) 837-1661

Address: 1700 BROADWAY STE 2300

Fax: (303) 495-6780

City: DENVER State: CO Zip: 80290

API Number 05-123-38535-00

County: WELD

Well Name: Razor

Well Number: 11E-1403A

Location: QtrQtr: SWNW Section: 11 Township: 10N Range: 58W Meridian: 6

Footage at surface: Distance: 2397 feet Direction: FNL Distance: 855 feet Direction: FWL

As Drilled Latitude: 40.853989 As Drilled Longitude: -103.839273

## GPS Data:

Date of Measurement: 04/23/2014 PDOP Reading: 1.9 GPS Instrument Operator's Name: Michael Brown

\*\* If directional footage at Top of Prod. Zone Dist.: 1811 feet Direction: FSL Dist.: 857 feet Direction: FWL

Sec: 11 Twp: 10N Rng: 58W

\*\* If directional footage at Bottom Hole Dist.: 128 feet Direction: FSL Dist.: 840 feet Direction: FWL

Sec: 14 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) 01/28/2014 Date TD: 02/04/2014 Date Casing Set or D&amp;A: 02/06/2014

Rig Release Date: 03/31/2014 Per Rule 308A.b.

## Well Classification:

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

Total Depth MD 13390 TVD\*\* 5937 Plug Back Total Depth MD 13293 TVD\*\* 5936

Elevations GR 5002 KB 5019

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

## List Electric Logs Run:

LWD/MUD/CBL/Trip Combo in 123-38531

## 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	20	16	75	0	97		0	97	VISU
SURF	13+1/2	9+5/8	36	0	1,852	938	0	1,852	VISU
1ST	8+3/4	7	29	0	6,321	426	45	6,321	CBL
1ST LINER	6	4+1/2	11.6	5162	13,385	661	5,162	13,385	CALC

### 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	1,610		NO	NO	
HYGIENE	3,480		NO	NO	
SHARON SPRINGS	5,680		NO	NO	
NIOBRARA	5,722		NO	NO	

#### Operator Comments

Correct CBL attached 8/29/17.  
No Resistivity Log Run. CAL, DENS, IND, and Triple Combo run in API: 123-38531.

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: 8/29/2017 Email: pollyt@whiting.com

### Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
400579058	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400579059	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400579060	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
400579061	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>					
400579051	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400579063	DIRECTIONAL DATA	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400588346	LAS-Measurement/Logging While Drilling	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400588348	PDF-Measurement/Logging While Drilling	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400588350	MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401390233	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>
Engineering Tech	<ul style="list-style-type: none"> <li>• Corrected the "Sacks of Cement" for the first string per the Cement Job Summary.</li> <li>• Corrected the "Sacks of Cement" for the surface string per the Cement Job Summary.</li> <li>• Corrected the "Cement Top" for the first liner.</li> </ul> The Mud log has the incorrect API number but is the correct log.	09/01/2017
Permit	Corrected the TPZ section. Corrected the BHL section. Corrected Electric Logs Run Comments section. Corrected Open Hole Log Exception comments on Submit tab.	08/31/2017

Total: 2 comment(s)