

**FORM**  
**5**Rev  
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:

400664616

Date Received:

09/15/2017

**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 & GAS CORPORATION Phone: (303) 837-1661  
 Address: 1700 BROADWAY STE 2300 Fax: \_\_\_\_\_  
 City: DENVER State: CO Zip: 80290

API Number 05-123-38484-00 County: WELD  
 Well Name: Razor Well Number: 26I-2315A  
 Location: QtrQtr: NESE Section: 26 Township: 10N Range: 58W Meridian: 6  
 Footage at surface: Distance: 2242 feet Direction: FSL Distance: 629 feet Direction: FEL  
 As Drilled Latitude: 40.808522 As Drilled Longitude: -103.824859

## GPS Data:

Date of Measurement: 04/09/2014 PDOP Reading: 2.1 GPS Instrument Operator's Name: Michael Brown\*\* If directional footage at Top of Prod. Zone Dist.: 2249 feet Direction: FNL Dist.: 529 feet. Direction: FELSec: 26 Twp: 10N Rng: 58W\*\* If directional footage at Bottom Hole Dist.: 56 feet Direction: FNL Dist.: 508 feet. Direction: FELSec: 23 Twp: 10N Rng: 58WField Name: DJ HORIZONTAL NIOBRARA Field Number: 16950

Federal, Indian or State Lease Number: \_\_\_\_\_

Spud Date: (when the 1st bit hit the dirt) 06/07/2014 Date TD: 06/16/2014 Date Casing Set or D&A: 06/25/2014Rig Release Date: 07/21/2014 Per Rule 308A.b.

## Well Classification:

 Dry  Oil  Gas/Coalbed  Disposal  Stratigraphic  Enhanced Recovery  Storage  ObservationTotal Depth MD 13604 TVD\*\* 5543 Plug Back Total Depth MD 13503 TVD\*\* 5544Elevations GR 4712 KB 4733 **Digital Copies of ALL Logs must be Attached per Rule 308A** 

## List Electric Logs Run:

LWD/Mud/CBL/(IND, Triple Combo in 123-37495)**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	80		0	80	VISU
SURF	13+1/2	9+5/8	36	0	1,534	665	0	1,534	VISU
1ST	8+3/4	7	29	0	5,984	645	514	5,984	CBL
1ST LINER	6+1/8	4+1/2	11.6	4874	13,594	585	4,874	13,594	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	1,420		NO	NO	
HYGIENE	3,180		NO	NO	
SHARON SPRINGS	5,563		NO	NO	
NIOBRARA	5,566		NO	NO	

**Operator Comments**

44' over 100' setback. Float collar set at 13503', Cement fills the hole from 13504 to TD.  
Mud log added, RR and PBSD corrected 09/15/17.  
Open Hole Logging Exception (document#400642297) , No Resistivity Log Run. IND and Triple Combo run in API: 123-37495, which is within 1500' of Razor 261 pad.  
GPS coordinates were captured on conductor.

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: 9/15/2017 Email: pollyt@whiting.com

### Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
400664642	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400664646	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400664649	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
400664640	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>			
400664616	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400664634	CBL 1ST RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400664651	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400676256	LAS-MEASUREMENT/LOGGING WHILE DRILLING	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400711515	PDF-MEASUREMENT/LOGGING WHILE DRILLING	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401405076	MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineering Tech	• Corrected the "Cement Top" from 536' to 514' per the Cement Bond Log	12/19/2017
Permit	GPS taken on conductor. Corrected the TPZ section. Bottom of production zone calculated at 161' FNL. Corrected GR and KB elevation to reflect directional survey. Corrected Electric Logs Run Comments section. Corrected Open Hole Log Exception comments on Submit tab. Corrected formation tops via email from operator.	09/15/2017

Total: 2 comment(s)