

**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:

400647897

Date Received:

07/22/2014

**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 05-123-37987-00

County: WELD

Well Name: Razor Federal

Well Number: 26L-2304B

Location: QtrQtr: NWSW Section: 26 Township: 10N Range: 58W Meridian: 6

Footage at surface: Distance: 2244 feet Direction: FSL Distance: 659 feet Direction: FWL

As Drilled Latitude: 40.808539 As Drilled Longitude: -103.839289

## GPS Data:

Date of Measurement: 03/26/2014 PDOP Reading: 2.1 GPS Instrument Operator's Name: Michael Brown

\*\* If directional footage at Top of Prod. Zone Dist.: 2513 feet Direction: FSL Dist.: 1160 feet Direction: FWL

Sec: 26 Twp: 10N Rng: 58W

\*\* If directional footage at Bottom Hole Dist.: 133 feet Direction: FNL Dist.: 1173 feet Direction: FWL

Sec: 23 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) 04/25/2014 Date TD: 05/05/2014 Date Casing Set or D&amp;A: 05/07/2014

Rig Release Date: 07/07/2014 Per Rule 308A.b.

## Well Classification:

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

Total Depth MD 14021 TVD\*\* 5692 Plug Back Total Depth MD 13927 TVD\*\* 5691

Elevations GR 4735 KB 4751 Digital Copies of ALL Logs must be Attached per Rule 308A ☐

## List Electric Logs Run:

MWD/LWD, Mud, CBL, TRIPLE COMBO IN 123-38339

**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	1,559	719	0	1,559	VISU
1ST	8+3/4	7	29	0	6,048	419	436	6,048	CBL
1ST LINER	6	4+1/2	11.6	5058	14,011	723	5,058	14,011	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	1,691		NO	NO	
HYGIENE	3,513		NO	NO	
SHARON SPRINGS	5,647		NO	NO	
NIOBRARA	5,655		NO	NO	

#### Operator Comments

Open Hole Logging Exception (document#400642266) , No Resistivity Log Run. SON and Triple Combo run in API: 123-38339.

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: 7/22/2014 Email: pollyt@whiting.com

### Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
400648513	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400648515	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400648516	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
400648518	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>					
1734362	CEMENT BOND LOG	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400647897	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400647924	CBL 1ST RUN	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400648505	PDF-Measurement/Logging While Drilling	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400648507	LAS-Measurement/Logging While Drilling	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400648509	MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400648519	DIRECTIONAL DATA	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineering Tech	Waiting on a copy of the LAS file for the CBL.(9/4/2017) Attached doc#1734362	09/04/2017
Permit	Corrected the BHL section. Corrected rig release date via email from operator. Corrected the Plug Back TD section. Corrected GR elevation to reflect directional survey. Corrected Electric Logs Run Comments section. Corrected Open Hole Log Exception comments on Submit tab.	09/01/2017

Total: 2 comment(s)