

**FORM  
5**Rev  
11/20**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:

402553031

Date Received:

**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/or 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: Bethany Kerley

Name of Operator: WHITING OIL &amp; GAS CORPORATION

Phone: (303) 802-8376

Address: 1700 LINCOLN STREET SUITE 4700

Fax:

City: DENVER State: CO Zip: 80290

Email: bethany.kerley@whiting.com

API Number 05-123-39305-00

County: WELD

Well Name: Razor

Well Number: 33O-2812

Location: QtrQtr: SWSE Section: 33 Township: 10N Range: 58W Meridian: 6  
FNL/FSL FEL/FWL

Footage at surface: Distance: 330 feet Direction: FSL Distance: 1862 feet Direction: FEL

As Drilled Latitude: 40.788576 As Drilled Longitude: -103.867164

GPS Data: GPS Quality Value: 2.3 Type of GPS Quality Value: PDOP Date of Measurement: 01/22/2015

\*\* If directional footage at Top of Prod. Zone Dist: 733 feet Direction: FSL Dist: 1573 feet Direction: FEL  
Sec: 33 Twp: 10N Rng: 58W  
FNL/FSL FEL/FWL\*\* If directional footage at Bottom Hole Dist: 2602 feet Direction: FSL Dist: 1510 feet Direction: FEL  
Sec: 28 Twp: 10N Rng: 58W  
FNL/FSL FEL/FWL

Field Name: WILDCAT

Field Number: 99999

Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 11/30/2014 Date TD: 12/10/2014 Date Casing Set or D&amp;A: 12/12/2014

Rig Release Date: 01/15/2015 Per Rule 308A.b.

Well Classification:

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

Total Depth MD 13233 TVD\*\* 5714 Plug Back Total Depth MD 13174 TVD\*\* 5714

Elevations GR 4715 KB 4736

Digital Copies of ALL Logs must be Attached

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List All Logs Run:

MWD/LWD, Mud Log, CBL (NEU run in API 05-123-39308)

**CASING, LINER AND CEMENT**

<u>Casing Type</u>	<u>Size of Hole</u>	<u>Size of Casing</u>	<u>Grade</u>	<u>Wt/Ft</u>	<u>Csg/Liner Top</u>	<u>Setting Depth</u>	<u>Sacks Cmt</u>	<u>Cmt Btm</u>	<u>Cmt Top</u>	<u>Status</u>
CONDUCTOR	24	16	J-55	75	0	90	105	90	0	VISU
SURF	13+1/2	9+5/8	J-55	36	0	1557	680	1557	0	VISU
1ST	8+3/4	7	P110	29	0	6061	665	6061		CBL
1ST LINER	6+1/8	4+1/2	P110	11.6	4974	13177	615	13233	4974	CALC

Bradenhead Pressure Action Threshold 467 psig

This threshold is calculated per Rule 308A.b.(2)G. If this well is located in a bradenhead test area (see Rule 207.b) per an Order of the Commission, it may be subject to a different threshold.

Does the casing centralization comply with Rule 317.g? Yes

If "NO", provide details below.

**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	1,637		NO	NO	
HYGIENE	3,617		NO	NO	
SHARON SPRINGS	5,587		NO	NO	
NIOBRARA	5,597		NO	NO	

Operator Comments:

Open Hole Logging Exception - No Open Hole Logs were Run. NEU log was run on Razor 33O-2811 API 05-123-39308. Approved open hole logging exception requires that a cased hole neutron and gamma ray log be run on one of the first wells drilled on the Razor 33O pad from TD to surface as per Rule 317.p.

Added API; corrected location and cement depths; additional 100 sacks of cement noted on cement report not used in job. Due to multiple mergers, revised cement tickets are unavailable: Sanjel-O-Tex-C&J Energy-NexTierOFS).

GPS take after rig release from pad

TPZ corrected to 733 FSL, 1573 FEL calculated on top perf at 6084'.

Corrected PBSD-TVD.

Corrected KB/GR

Corrected to BHL provided by survey company

Corrected RR date.

Corrected well logs names to their standard industry abbreviations

Added casing grade to all strings.

Added Engineer calculated Conductor cement sx.

Corrected TOC per engineer interpretation of CBL

Added API to 1st sting and liner cement reports. Noted corrected cement depths on tickets.

Corrected well name. Added qtr/qtr, API and KB/GR to all logs, added location to LAS files.

Field name changed back to Wildcat per COGCC Permit Tech.

Added API, Operator Number and location to Directional Data Import.

Attached new MWD MD log covering the wellbore from surface shoe to TD' and added KB/GR and location to log header.

Corrected well number by replacing the zero with a alpha "O"

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

Signed: \_\_\_\_\_

Print Name: Bethany Kerley

Title: Engineering Tech III

Date: \_\_\_\_\_

Email: bethany.kerley@whiting.com

### Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
402566945	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
402567036	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>					
402553086	PDF-CBL 3RD RUN	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
402566944	DIRECTIONAL DATA	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
402567040	PDF-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
402567043	PDF-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
402567046	PDF-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
402567050	LAS-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
402567053	LAS-CBL 3RD RUN	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
402567058	PDF-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

## General Comments

User Group

Comment

Comment Date

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Stamp Upon  
Approval

Total: 0 comment(s)

