

FORM
5Rev
11/20State 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:

402518218

Date Received:

11/03/2020

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: Pauleen Tobin

Name of Operator: WHITING OIL & GAS CORPORATION

Phone: (303) 390-4267

Address: 1700 LINCOLN STREET SUITE 4700

Fax:

City: DENVER

State: CO

Zip: 80290

Email: pollyt@whiting.com

API Number 05-123-43931-00

County: WELD

Well Name: Razor Fed

Well Number: 261-3546

Location: QtrQtr: NESE

Section: 26

Township: 10N

Range: 58W

Meridian: 6

FNL/FSL

FEL/FWL

Footage at surface: Distance: 2414 feet

Direction: FSL

Distance: 792 feet

Direction: FEL

As Drilled Latitude: 40.808989

As Drilled Longitude: -103.825461

GPS Data: GPS Quality Value: 1.7

Type of GPS Quality Value: PDOP

Date of Measurement: 05/15/2017

FNL/FSL

FEL/FWL

** If directional footage at Top of Prod. Zone

Dist: 2498 feet

Direction: FSL

Dist: 912 feet

Direction: FEL

Sec: 26

Twp: 10N

Rng: 58W

FNL/FSL

FEL/FWL

** If directional footage at Bottom Hole

Dist: 632 feet

Direction: FSL

Dist: 1002 feet

Direction: FEL

Sec: 35

Twp: 10N

Rng: 58W

Field Name: WILDCAT

Field Number: 99999

Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 06/01/2017

Date TD: 06/05/2017

Date Casing Set or D&A: 06/07/2017

Rig Release Date: 06/20/2017 Per Rule 308A.b.

Well Classification:

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

Total Depth MD 13410

TVD** 5730

Plug Back Total Depth MD 13348

TVD** 5731

Elevations

GR 4711

KB 4732

Digital Copies of ALL Logs must be Attached

☒

List All Logs Run:

Mud log, MWD/LWD, CBL (Triple Combo in API 123-38488)

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	101	153	101	0	VISU
SURF	13+1/2	9+5/8	J-55	36	0	2089	560	2089	0	VISU
1ST	8+1/2	5+1/2	HCP110	20	0	13395	2355	13410	1338	CBL

Bradenhead Pressure Action Threshold 627 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	1,411		NO	NO	
HYGIENE	3,164		NO	NO	
SHARON SPRINGS	5,523		NO	NO	
NIOBRARA	5,528		NO	NO	

Operator Comments:

Well was drilled and completed within setbacks.

No open hole logs run (Triple Combo run on Razor 26I-2316B API 123-38488). One of the first wells drilled on the pad will be logged with an open-hole resistivity log with gamma-ray from TD to into the surface casing.

GPS taken off of conductor prior to surface spud
TPZ location corrected to actual based on top perf at 6218'
BHL provided by survey company
Corrected well logs names to their standard industry abbreviations
Corrected 1st string cement sx count
Corrected TOC per engineer interpretation of CBL
Corrected 1st string cement bottom to TD per directional survey
Attached 1st cement reports with corrected location
Added Eng'r calculated sacks of cement for conductor
Attached .las format of CBL from surface to KOP
Attached MWD MD/TVD.pdf and .las logs with location on log header
Corrected API number in log box in Drilling Tab

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

Signed: _____

Print Name: Pauleen TobinTitle: Regulatory Compliance SpeDate: 11/3/2020Email: pollyt@whiting.com**Attachment Check List**

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
402518356	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
402518357	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
402518358	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>					
402518218	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
402518312	LAS-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
402518314	PDF-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
402518315	PDF-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
402518317	PDF-CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
402518344	PDF-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
402518345	PDF-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
402518355	LAS-CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
402518359	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	Corrected 1st string casing cement top per CBL	12/15/2020
Permit	Passed Permit Review	11/23/2020

Total: 2 comment(s)

