

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:

400588123

Date Received:

04/28/2014

**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: Elvera Berryman  
 Name of Operator: WHITING OIL & GAS CORPORATION Phone: (303) 390-4221  
 Address: 1700 BROADWAY STE 2300 Fax: (303) 390-1598  
 City: DENVER State: CO Zip: 80290

API Number 05-123-38530-00 County: WELD  
 Well Name: Razor Well Number: 11E-0203A  
 Location: QtrQtr: SWNW Section: 11 Township: 10N Range: 58W Meridian: 6  
 Footage at surface: Distance: 2322 feet Direction: FNL Distance: 855 feet Direction: FWL  
 As Drilled Latitude: 40.854207 As Drilled Longitude: -103.839269

## GPS Data:

Date of Measurement: 04/23/2014 PDOP Reading: 2.0 GPS Instrument Operator's Name: Michael Brown

\*\* If directional footage at Top of Prod. Zone Dist.: 1407 feet Direction: FNL Dist.: 832 feet. Direction: FWL

Sec: 11 Twp: 10N Rng: 58W

\*\* If directional footage at Bottom Hole Dist.: 593 feet Direction: FNL Dist.: 760 feet. Direction: FWL

Sec: 2 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) 03/13/2014 Date TD: 03/19/2014 Date Casing Set or D&A: 03/21/2014

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 12360 TVD\*\* 5902 Plug Back Total Depth MD 12263 TVD\*\* 5903

Elevations GR 5002 KB 5019 **Digital Copies of ALL Logs must be Attached per Rule 308A**

## List Electric Logs Run:

LWD, Mud Log, CBL. No Open Hole Logs were run on this well. CAL, DENS, IND and Triple Combo run in API: 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	0	1,849	797	0	1,849	VISU
1ST	8+3/4	7	29.0	0	6,259	420	86	6,259	CBL
1ST LINER	6	4+1/2	11.60	5185	12,355	568	5,183	1,235	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	5,843		NO	NO	
NIOBRARA	5,851		NO	NO	

Operator Comments

No Open Hole Logs were run on this well. 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: Elvera Berryman

Title: Engineer Tech Date: 4/28/2014 Email: elvera.berryman@whiting.com

### Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
400588164	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400588166	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400590985	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
400588162	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>			
400588123	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400588161	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400588169	PDF-CBL 1ST RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400588366	LAS-Measurement/Logging While Drilling	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400588367	PDF-Measurement/Logging While Drilling	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400588368	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Corrected the BHL section. Corrected casing set date. Corrected rig release date via email from operator. Corrected the Plug Back TD section. Corrected Electric Logs Run Comments section. No Open Hole Logs were run on this well. CAL, DENS, IND and Triple Combo run in API: 123-38531. Corrected Open Hole Log Exception comments on Submit tab.	08/25/2017
Engineer	Liner depth 12350, cement qty 568 sx.	01/22/2016

Total: 2 comment(s)