

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:

400627276

Date Received:

09/19/2017

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: (303) 495-6780
City: DENVER State: CO Zip: 80290

API Number 05-123-37877-00 County: WELD
Well Name: Razor Well Number: 26K-2307A
Location: QtrQtr: NESW Section: 26 Township: 10N Range: 58W Meridian: 6
Footage at surface: Distance: 2448 feet Direction: FSL Distance: 2048 feet Direction: FWL
As Drilled Latitude: 40.809093 As Drilled Longitude: -103.834295

GPS Data:
Date of Measurement: 04/23/2014 PDOP Reading: 1.4 GPS Instrument Operator's Name: Michael Brown

** If directional footage at Top of Prod. Zone Dist.: 1927 feet Direction: FNL Dist.: 2001 feet Direction: FWL
Sec: 26 Twp: 10N Rng: 58W

** If directional footage at Bottom Hole Dist.: 256 feet Direction: FNL Dist.: 2146 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) 04/01/2014 Date TD: 04/16/2014 Date Casing Set or D&A: 04/17/2014
Rig Release Date: 04/19/2014 Per Rule 308A.b.

Well Classification:
 Dry Oil Gas/Coalbed Disposal Stratigraphic Enhanced Recovery Storage Observation

Total Depth MD 13027 TVD** 5616 Plug Back Total Depth MD 12925 TVD** 5613

Elevations GR 4738 KB 4760 Digital Copies of ALL Logs must be Attached per Rule 308A

List Electric Logs Run:
LWD/Mud/CBL/(CAL, IND, POR, SON, and Triple Combo run in API: 123-37880)

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	6+5/8	36	0	1,573	665	0	1,573	VISU
1ST	8+3/4	7	29	0	6,042	655	60	6,042	CBL
1ST LINER	6	4+1/2	11.6	4971	13,017	620	4,971	13,017	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	5,765		NO	NO	
NIOBRARA	5,841		NO	NO	

Operator Comments

RR and PBDT corrected 09/19/2017, correct pdf format of MWD log and CBL attached 09/19/2017.
No Resistivity run on this well. CAL, IND, POR, SON, and Triple Combo run in API: 123-37880

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: 9/19/2017 Email: pollyt@whiting.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
Attachment Checklist			
400627332	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400627333	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400627338	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
400631676	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"/>
Other Attachments			
400627276	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400627323	CBL 1ST RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400631659	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400631679	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400675416	MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400675417	PDF-MEASUREMENT/LOGGING WHILE DRILLING	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401400183	PDF-CBL 1ST RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401407449	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineering Tech	The Operator emailed the corrected attachments and documents were uploaded. Sent a third request email(10/31/2017) Sent a second request email(10/26/2017) The Cement Bond Log doc#400627323 should be replaced with the CBL.LAS file • Corrected the "Sacks of Cement" for the first string of cement per the Cement Job Summary.	10/05/2017
Permit	Corrected the TPZ section. Corrected KB elevation to reflect directional survey. Corrected Electric Logs Run Comments section. Corrected Open Hole Log Exception comments on Submit tab.	09/19/2017

Total: 2 comment(s)