

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:

400846942

Date Received:

06/19/2015

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 05-123-38508-00 County: WELD
Well Name: Razor Well Number: 22D-2703A
Location: QtrQtr: NWNW Section: 22 Township: 10N Range: 58W Meridian: 6
Footage at surface: Distance: 381 feet Direction: FNL Distance: 693 feet Direction: FWL
As Drilled Latitude: 40.830215 As Drilled Longitude: -103.858553

GPS Data:
Date of Measurement: 10/28/2014 PDOP Reading: 2.5 GPS Instrument Operator's Name: Larry D. Brown

** If directional footage at Top of Prod. Zone Dist.: 712 feet Direction: FNL Dist.: 933 feet Direction: FWL
Sec: 22 Twp: 10N Rng: 58W

** If directional footage at Bottom Hole Dist.: 2541 feet Direction: FNL Dist.: 855 feet Direction: FWL
Sec: 27 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) 05/27/2015 Date TD: 06/04/2015 Date Casing Set or D&A: 06/05/2015
Rig Release Date: 06/07/2015 Per Rule 308A.b.

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

Total Depth MD 13236 TVD** 5744 Plug Back Total Depth MD 13187 TVD** 5747
Elevations GR 4832 KB 4853 Digital Copies of ALL Logs must be Attached per Rule 308A

List Electric Logs Run:
LWD/Mud/CBL/(CAL, IND, D/N, Triple Combo run in 123-36257)

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	101		0	101	VISU
SURF	13+1/2	9+5/8	36	0	1,678	719	0	1,678	VISU
1ST	8+3/4	7	29	0	6,118	635	122	6,118	CBL
1ST LINER	6+1/8	4+1/2	11.60	5073	13,226	676	5,073	13,226	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	1,512		NO	NO	
HYGIENE	3,415		NO	NO	
SHARON SPRINGS	5,693		NO	NO	
NIOBRARA	5,699		NO	NO	

Operator Comments

Open Hole Logging Exception (document#400648618) , No Resistivity Log Run. CAL, IND, D/N, Triple Combo run in API: 123-36257

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: 6/19/2015 Email: elvera.berryman@whiting.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
400846945	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400850463	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400850473	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
400856268	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>			
1734368	CBL-CBL 1ST RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400846942	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400851481	LAS-MEASUREMENT/LOGGING WHILE DRILLING	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400851483	MEASUREMENT/LOGGING WHILE DRILLING	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400851484	MEASUREMENT/LOGGING WHILE DRILLING	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400851485	MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400856251	CBL 1ST RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400856265	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	Is the CBL.LAS file available? Missing gamma data from surface-5,000'. (10/24/2017) Requested from Operator(10/24/2017) Attached doc#1734368	10/18/2017
Permit	Corrected the Plug Back TD section. Corrected GR and KB elevation to reflect directional survey. Corrected Electric Logs Run Comments section. Corrected Open Hole Log Exception comments on Submit tab.	09/14/2017

Total: 2 comment(s)