

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:

400618552

Date Received:

07/11/2014

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 05-123-38345-00 County: WELD
Well Name: Razor Federal Well Number: 26J-3509A
Location: QtrQtr: NWSE Section: 26 Township: 10N Range: 58W Meridian: 6
Footage at surface: Distance: 2326 feet Direction: FSL Distance: 2013 feet Direction: FEL
As Drilled Latitude: 40.808744 As Drilled Longitude: -103.829840

GPS Data:
Date of Measurement: 01/30/2014 PDOP Reading: 2.0 GPS Instrument Operator's Name: Larry D. Brown

** If directional footage at Top of Prod. Zone Dist.: 1561 feet Direction: FSL Dist.: 2307 feet Direction: FEL
Sec: 26 Twp: 10N Rng: 58W

** If directional footage at Bottom Hole Dist.: 577 feet Direction: FSL Dist.: 2317 feet Direction: FEL
Sec: 35 Twp: 10N Rng: 58W

Field Name: DJ HORIZONTAL NIOBRARA Field Number: 16950
Federal, Indian or State Lease Number: COC075023

Spud Date: (when the 1st bit hit the dirt) 05/19/2014 Date TD: 05/26/2014 Date Casing Set or D&A: 05/29/2014
Rig Release Date: 05/29/2014 Per Rule 308A.b.

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

Total Depth MD 12310 TVD** 5593 Plug Back Total Depth MD 12252 TVD** 5592

Elevations GR 4726 KB 4743 Digital Copies of ALL Logs must be Attached per Rule 308A

List Electric Logs Run:
LWD/MUD/CBL/(Triple Combo, GR, and IND run in API: 123-37495)

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	84	0	97		0	97	VISU
SURF	13+1/2	9+5/8	36	0	1,549	465	0	1,549	VISU
1ST	8+3/4	7	29	0	5,998	816	819	5,998	CBL
1ST LINER	6+1/8	4+1/2	11.60	4862	12,300	500	4,862	12,300	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	5,758		NO	NO	
NIOBRARA	5,772		NO	NO	

Operator Comments

Well drilled 23' passed 600' setback. Form 5A will be submitted documenting that the bottom 57' of wellbore will not produce. Open Hole Logging Exception (document#400642303) , No Resistivity Log Run. Triple Combo, GR, and IND run in API: 123-37495.

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: 7/11/2014 Email: elvera.berryman@whiting.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
400627941	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400627944	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400627946	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
400643372	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>			
400618552	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400627935	PDF-CBL 3RD RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400628703	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400628705	PDF-Measurement/Logging While Drilling	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400628710	LAS-Measurement/Logging While Drilling	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400643375	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	• First string "Cement Top" adjusted from 0' to 819' per CBL.	09/21/2017
Permit	Corrected rig release date via email from operator. Corrected the Plug Back TD section. Corrected Electric Logs Run Comments section. Corrected Open Hole Log Exception comments on Submit tab.	09/07/2017

Total: 2 comment(s)