

FORM
5Rev
02/08

State of Colorado

Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



DE ET OE ES

Document Number:

400524082

Date Received:

DRILLING COMPLETION REPORT

This form is to be submitted within 30 days of the setting of production casing, the plugging of a dry hole, the deepening or sidetracking of a well, or any time the wellbore configuration is changed. If the well is deepened or sidetracked a new Form 5 is required. If an attempt has been made to complete/produce a well, then the operator shall submit Form 5A (Completed Interval Report.) If the well has been plugged, a form 6 (Well Abandonment Report) is required.

Completion Type ☐ Final completion ☒ Preliminary completion

1. OGCC Operator Number: 96155

4. Contact Name: Erin Ekblad

2. Name of Operator: WHITING OIL AND GAS CORPORATION

Phone: (303) 876-7053

3. Address: 1700 BROADWAY STE 2300

Fax:

City: DENVER State: CO Zip: 80290

5. API Number 05-123-37956-00

6. County: WELD

7. Well Name: Razor

Well Number: 271-2213A

8. Location: QtrQtr: NESE Section: 27 Township: 10N Range: 58W Meridian: 6

Footage at surface: Distance: 2395 feet Direction: FSL Distance: 725 feet Direction: FEL

As Drilled Latitude: 40.808914 As Drilled Longitude: -103.844297

GPS Data:

Data of Measurement: 02/19/2013 PDOP Reading: 1.4 GPS Instrument Operator's Name: Jerremy Harris

** If directional footage at Top of Prod. Zone Dist.: 2553 feet. Direction: FNL Dist.: 824 feet. Direction: FEL

Sec: 27 Twp: 10N Rng: 58W

** If directional footage at Bottom Hole Dist.: 2357 feet. Direction: FNL Dist.: 924 feet. Direction: FEL

Sec: 27 Twp: 10N Rng: 58W

9. Field Name: WILDCAT

10. Field Number: 99999

11. Federal, Indian or State Lease Number:

12. Spud Date: (when the 1st bit hit the dirt) 11/22/2013 13. Date TD: 11/26/2013 14. Date Casing Set or D&A:

15. Well Classification:

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

16. Total Depth MD 5838 TVD** 5667 17 Plug Back Total Depth MD TVD** 5095

18. Elevations GR 4756 KB 4773

One paper copy of all electric and mud logs must be submitted, along with one digital LAS copy as available.

19. List Electric Logs Run:

20. Casing, Liner and Cement:

CASING

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	60	0	97	CALC
SURF	13+1/2	9+5/8	36	0	1,618	688	0	1,618	CALC

STAGE/TOP OUT/REMEDIAL CEMENT

Cement work date: 11/26/2013

Method used	String	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom
	S.C. 1.1	4,502			

Details of work:

The wellbore diagram does show a cement plug set @ 4502' so you will need to list this plug under this section of the form and I inquired with Whiting about a wireline ticket for this well.

21. Formation log intervals and test zones:

FORMATION LOG INTERVALS AND TEST ZONES					
FORMATION NAME	Measured Depth		Check if applies		COMMENTS (All DST and Core Analyses must be submitted to COGCC)
	Top	Bottom	DST	Cored	
SHARON SPRINGS	5,585	5,594	<input type="checkbox"/>	<input type="checkbox"/>	
NIOBRARA	5,594		<input type="checkbox"/>	<input type="checkbox"/>	

Comment:

Whiting received email confirmation from Diana Burn at COGCC that we can proceed as proposed to sidetrack the subject wellbore on November 26, 2013. As required by the COGCC, a Form 2 APD was submitted for the same surface location to set up the sidetrack 01.

We are not able to provide an As Drilled plat for this well since the rig is on location. However, we will submit the as drilled plat and lat/long locations with final completion report.

PROPOSED OR COMPLETED OPERATIONS:

- EXPLAIN THE SITUATION THAT HAS RESULTED IN THE NEED TO SIDETRACK:
- DATA COLLECTED BY MWD-GAMMA TOOL AND THE MUD LOG INDICATED THAT WE WOULD LAND OUR CURVE APPROXIMATELY 40' LOW TO OUR TARGET (DUE TO NOT GETTING DESIGNED BUILD RATES). TO GET BACK ON TARGET WE WOULD HAVE DRILL MORE THAN 1000' OF LATERAL WHICH WOULD REDUCE THE OVERALL EFFECTIVE LATERAL LENGTH BY 16% WHICH IS WHY WE OPT TO SIDETRACK. THE INTENT IS TO OPEN HOLE SIDETRACK AT 5100' MD AND COMPLETE THE WELL TO THE ORIGINAL BHL.
- TOTAL DEPTH REACHED:
- 5,839' (MD)
- CASING:
- SURFACE CASING:
- SIZE: 9.625" 36PPF J-55 LTC
- DEPTH: 1,618'
- DESCRIPTION OF FISH IN THE HOLE:
- NO FISH TO REPORT
- PLUG BACK DEPTHS:
- PLUG_1 (11/26/13):
- FROM 4500' TO 5700' (NIOBRARA TOP EST AT 5594')
- 510 SXS
- 17PPG (0.99 CUFT/SX)
- SET USING DRILL PIPE @ 5700'
- HOLE SIZE = 8.75"
- SIDETRACK KICK OFF POINT:
- 5100' (MD)
- BHL TARGET FOR SIDETRACK HOLE:
- (SAME TARGET) 100' FNL AND 1155'FEL S22-T10N-R58W

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

Signed: _____

Print Name: Erin Ekblad

Title: Regulatory Analyst

Date:

Email: eekblad@progressivepcs.net

Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
400525242	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
400525239	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 type="checkbox"/>	No <input checked="" type="checkbox"/>
400525303	Other	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
<u>Other Attachments</u>			
400525237	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400525240	WELLBORE DIAGRAM	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)