

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



DE ET OE ES

Document Number:

401222640

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

OGCC Operator Number: 96155

Contact Name: Pauleen Tobin

Name of Operator: WHITING OIL &amp; GAS CORPORATION

Phone: (303) 837-1661

Address: 1700 BROADWAY STE 2300

Fax:

City: DENVER State: CO Zip: 80290

API Number 05-123-41781-00

County: WELD

Well Name: Horsetail

Well Number: 07F-1838

Location: QtrQtr: SENW Section: 7 Township: 10N Range: 57W Meridian: 6

Footage at surface: Distance: 2545 feet Direction: FNL Distance: 2179 feet Direction: FWL

As Drilled Latitude: 40.853746 As Drilled Longitude: -103.796163

## GPS Data:

Date of Measurement: 01/19/2016 PDOP Reading: 1.3 GPS Instrument Operator's Name: Michael Brown

\*\* If directional footage at Top of Prod. Zone Dist.: 2407 feet. Direction: FNL Dist.: 1630 feet. Direction: FWL

Sec: 7 Twp: 10N Rng: 57W

\*\* If directional footage at Bottom Hole Dist.: 96 feet. Direction: FSL Dist.: 1634 feet. Direction: FWL

Sec: 18 Twp: 10N Rng: 57W

Field Name: WILDCAT

Field Number: 99999

Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 01/18/2017 Date TD: 01/22/2017 Date Casing Set or D&amp;A: 01/23/2017

Rig Release Date: 01/24/2017 Per Rule 308A.b.

## Well Classification:

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

Total Depth MD 14140 TVD\*\* 6014 Plug Back Total Depth MD 14089 TVD\*\* 6013

Elevations GR 4899 KB 4920 Digital Copies of ALL Logs must be Attached per Rule 308A ☒

## List Electric Logs Run:

Mud, LWD, IND, CBL (Note: Neutron log run on Horsetail 07F-1839)

## 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	2,064	670	0	2,064	
1ST	8+1/2	5+1/2	20	0	14,137	2,330	50	14,137	

## 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	1,700		NO	NO	
HYGIENE	3,550		NO	NO	
SHARON SPRINGS	5,685		NO	NO	
NIOBRARA	5,692		NO	NO	
FORT HAYS	5,984		NO	NO	
CODELL	6,022		NO	NO	
CARLILE	6,032		NO	NO	

Comment:

Well drilled 4' passed 100' setback. Form 5A will be submitted documenting that the bottom 92.8' of wellbore will not produce. Tartan toe sleeve at 14047.3' (lowest completed interval), Float Collar is at 14089.2'. TPZ is estimated based on estimated location of lower Marker joint at 6517' and will be corrected to top perf on form 5a.  
Estimated Completion date 06/01/2017.

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: \_\_\_\_\_

Email: pollyt@whiting.com

### Attachment Check List

Att Doc Num	Document Name	attached ?
<u>Attachment Checklist</u>		
401222862	CMT Summary *	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
401222868	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>		
401222869	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
401222870	PDF-CBL 2ND RUN	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
401222883	PDF-DUAL INDUCTION	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
401222889	LAS-DUAL INDUCTION	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
401222893	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
401222895	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
401222897	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
401222899	PDF-MUD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)