

**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:

401138534

Date Received:

01/27/2017

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:

City: DENVER State: CO Zip: 80290

API Number 05-123-42878-00

County: WELD

Well Name: Horsetail

Well Number: 30E-1934

Location: QtrQtr: Lot 2 Section: 30 Township: 10N Range: 57W Meridian: 6

Footage at surface: Distance: 2323 feet Direction: FNL Distance: 570 feet Direction: FWL

As Drilled Latitude: 40.810709 As Drilled Longitude: -103.801361

GPS Data:

Date of Measurement: 05/17/2018 PDOP Reading: 1.0 GPS Instrument Operator's Name: Aaron Scherer

** If directional footage at Top of Prod. Zone Dist.: 2553 feet Direction: FNL Dist.: 287 feet Direction: FWL

Sec: 30 Twp: 10N Rng: 57W

** If directional footage at Bottom Hole Dist.: 84 feet Direction: FNL Dist.: 287 feet Direction: FWL

Sec: 19 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) 10/27/2016 Date TD: 10/31/2016 Date Casing Set or D&A: 11/01/2016

Rig Release Date: 11/02/2016 Per Rule 308A.b.

Well Classification:

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

Total Depth MD 13965 TVD** 5800 Plug Back Total Depth MD 13917 TVD** 5802

Elevations GR 4718 KB 4739

Digital Copies of ALL Logs must be Attached per Rule 308A ☒

List Electric Logs Run:

MWD, Mud, CBL

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	2,050	645	0	2,050	VISU
1ST	8+1/2	5+1/2	20	0	13,962	2,420	325	13,962	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	1,417		NO	NO	
HYGIENE	3,189		NO	NO	
SHARON SPRINGS	5,721		NO	NO	
NIOBRARA	5,730		NO	NO	

Operator Comments

Well drilled 16' past 100' setback. Form 5A will be submitted documenting that the bottom 89.2' of wellbore will not produce. Tartan sub at 13875.8' (lowest completed interval), Float Collar is at 13917.0'.
TPZ is estimated based on estimated location of lower Marker joint at 6193' and will be corrected to actual top perf on form 5a.
Estimated date for well completion is 01/01/2018.

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

Signed: _____ Print Name: Pauleen TobinTitle: Engineer Tech Date: 1/27/2017 Email: pollyt@whiting.com

Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
401138536	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401195859	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
401195861	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>					
401138534	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401195836	PDF-CBL 1ST RUN	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401195842	PDF-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401195843	LAS-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401195845	PDF-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401195847	PDF-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401195862	DIRECTIONAL DATA	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	-Lat/Long from a different well emailed operator -Lat and long updated -BHL confirmed TPZ should be confirmed when 5A submitted -Added scavenger cement to first string sks of cement total	05/10/2018

Total: 1 comment(s)