

**FORM
5**Rev
09/14**State of Colorado****Oil and Gas Conservation Commission**

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Document Number:

401118068

Date Received:

01/26/2017

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 05-123-42873-00

County: WELD

Well Name: Horsetail

Well Number: 30E-3136

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

Footage at surface: Distance: 2372 feet Direction: FNL Distance: 689 feet Direction: FWL

As Drilled Latitude: 40.810591 As Drilled Longitude: -103.800913

GPS Data:

Date of Measurement: 09/09/2016 PDOP Reading: 2.0 GPS Instrument Operator's Name: Michael Brown

** If directional footage at Top of Prod. Zone Dist.: 2463 feet Direction: FSL Dist.: 1111 feet Direction: FWL

Sec: 30 Twp: 10N Rng: 57W

** If directional footage at Bottom Hole Dist.: 101 feet Direction: FSL Dist.: 985 feet Direction: FWL

Sec: 31 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) 09/24/2016 Date TD: 09/28/2016 Date Casing Set or D&A: 09/29/2016

Rig Release Date: 09/29/2016 Per Rule 308A.b.

Well Classification:

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

Total Depth MD 13927 TVD** 5790 Plug Back Total Depth MD 13860 TVD** 5789

Elevations GR 4718 KB 4739 Digital Copies of ALL Logs must be Attached per Rule 308A ☒

List Electric Logs Run:

LWD, 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	100	0	101	VISU
SURF	13+1/2	9+5/8	36	0	2,081	770	0	2,081	VISU
1ST	8+1/2	5+1/2	20	0	13,908	2,415	0	13,908	VISU

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	1,408		NO	NO	
HYGIENE	3,154		NO	NO	
SHARON SPRINGS	5,648		NO	NO	
NIOBRARA	5,654		NO	NO	

Operator Comments

Well drilled within 100' setback. Form 5A will be submitted documenting that the bottom 111.2' of wellbore will not produce. Tartan sub at 13815.8' (lowest completed interval), Float Collar is at 13860.2'.
TPZ is estimated based on estimated location of lower Marker joint at 6202' 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 Tobin

Title: Engineering Tech Date: 1/26/2017 Email: pollyt@whiting.com

Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
401131928	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401131939	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
2137088	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>					
401118068	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401136342	LAS-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401136343	PDF-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401136346	PDF-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401136347	PDF-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401192591	PDF-CBL 1ST RUN	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401192607	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	Corrected Conductor Casing sacks of cement, provided by operator via email Corrected 1st string status to VISU, as reported in the cement job summary (doc #401131939). CBL doesnt show cement top No open hole logs were run on this well	12/28/2018
Permit	-Confirmed BHL, TPZ should be confirmed when form 5A submitted "Operator will run cased hole neutron and gamma ray logs, or other petrophysical log(s) approved by the Director, on the first well on this pad to undergo subsequent operations that provide wireline access to the wellbore. Form 4 has been requested from operator for each well on the pad to add this COA to the well file."	08/21/2018
Permit	-Corrected cement sks to reflect cement summaries -all logs correct minus directional survey corrupt. Other than logs form needs reviewed.	06/11/2018

Total: 3 comment(s)

