

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:

401215101

Date Received:

04/19/2017

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 05-123-43028-00 County: WELD
Well Name: Horsetail Well Number: 30G-3144
Location: QtrQtr: SWNE Section: 30 Township: 10N Range: 57W Meridian: 6
Footage at surface: Distance: 2375 feet Direction: FNL Distance: 1920 feet Direction: FEL
As Drilled Latitude: 40.810527 As Drilled Longitude: -103.791479

GPS Data:
Date of Measurement: 10/05/2016 PDOP Reading: 3.2 GPS Instrument Operator's Name: Larry D. Brown

** If directional footage at Top of Prod. Zone Dist.: 2367 feet Direction: FSL Dist.: 1434 feet Direction: FEL
Sec: 30 Twp: 10N Rng: 57W

** If directional footage at Bottom Hole Dist.: 120 feet Direction: FSL Dist.: 1691 feet Direction: FEL
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) 12/13/2016 Date TD: 12/16/2016 Date Casing Set or D&A: 12/17/2016
Rig Release Date: 01/14/2017 Per Rule 308A.b.

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

Total Depth MD 13790 TVD** 5697 Plug Back Total Depth MD 13729 TVD** 5699

Elevations GR 4738 KB 4759 Digital Copies of ALL Logs must be Attached per Rule 308A

List Electric Logs Run:
Mud, LWD, 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	2,078	670	0	2,078	VISU
1ST	8+1/2	5+1/2	20	0	13,774	2,320	120	13,774	CBL

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	1,400		NO	NO	
HYGIENE	3,133		NO	NO	
SHARON SPRINGS	5,482		NO	NO	
NIOBRARA	5,485		NO	NO	

Operator Comments

Well drilled within setbacks. Form 5A will be submitted documenting that the bottom 103.4' of wellbore will not produce. Tartan sub at 13686.6' (lowest completed interval), Float Collar is at 13729.1'.
TPZ is estimated based on estimated location of lower Marker joint at 6214' and will be corrected to actual top perf on form 5a.
Estimated date for well completion is 01/01/2018.
No open hole logs ran per rule 317.p. Full set of logs ran on (05-123-43038 Horsetail 30G-1912)
GPS data taken on preset conductors.

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: 4/19/2017 Email: pollyt@whiting.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
401215443	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401215444	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
401215662	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>			
401215101	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401215150	PDF-CBL 2ND RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401215434	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401215437	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401215440	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401215441	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401215660	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	Bradenhead tests shall be performed and reported according to the following schedule and Form 17 submitted within 10 days of each test.: 1) Within 30 days of rig release prior to stimulation. 2) Between 6 and 7 months after rig release	06/08/2018
Permit	-BHL confirmed TPZ should be confirmed when 5A submitted	05/09/2018

Total: 2 comment(s)