

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:

400504157

Date Received:

02/06/2014

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: (303) 495-6780
City: DENVER State: CO Zip: 80290

API Number 05-123-37506-01 County: WELD
Well Name: Horsetail Well Number: 16-1610B
Location: QtrQtr: NWNE Section: 16 Township: 10N Range: 57W Meridian: 6
Footage at surface: Distance: 395 feet Direction: FNL Distance: 2150 feet Direction: FEL
As Drilled Latitude: 40.845279 As Drilled Longitude: -103.754508

GPS Data:
Date of Measurement: 07/31/2013 PDOP Reading: 2.1 GPS Instrument Operator's Name: Michael Brown

** If directional footage at Top of Prod. Zone Dist.: 979 feet Direction: FNL Dist.: 2150 feet Direction: FEL
Sec: 16 Twp: 10N Rng: 57W

** If directional footage at Bottom Hole Dist.: 668 feet Direction: FSL Dist.: 2144 feet Direction: FEL
Sec: 16 Twp: 10N Rng: 57W

Field Name: WILDCAT Field Number: 99999
Federal, Indian or State Lease Number: 1004-9

Spud Date: (when the 1st bit hit the dirt) 07/09/2013 Date TD: 07/19/2013 Date Casing Set or D&A: 07/21/2013
Rig Release Date: Per Rule 308A.b.

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

Total Depth MD 9534 TVD** 5544 Plug Back Total Depth MD 9534 TVD** 5544

Elevations GR 4777 KB 4794 Digital Copies of ALL Logs must be Attached per Rule 308A

List Electric Logs Run:
LWD/Mud/RCBL

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	80		0	80	CALC
SURF	13+1/2	9+5/8	36	0	1,833	837	0	1,833	CALC
1ST	8+3/4	7	29	0	5,868	426	0	5,883	CBL
1ST LINER	6	4+1/2	11.6	4637	9,525				

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	1,607		NO	NO	
HYGIENE	3,404		NO	NO	
SHARON SPRINGS	5,516		NO	NO	
NIOBRARA	5,523		NO	NO	

Operator Comments

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: 2/6/2014 Email: pollyt@whiting.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
400504221	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
400504223	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>			
400504157	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400504187	PDF-CBL 1ST RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400504224	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400551500	PDF-MEASUREMENT/LOGGING WHILE DRILLING	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400551501	LAS-MEASUREMENT/LOGGING WHILE DRILLING	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400551502	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Passes permitting.	09/25/2017
Permit	ON HOLD for sidetrack form 5 #400447769 corrections.	02/14/2016
Engineer	req'd SC cement tix for -00 - conductor casing captured on -01	08/01/2014

Total: 3 comment(s)