

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



Document Number:

400447769

Date Received:

07/15/2013

## 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: Scott Webb

Name of Operator: WHITING OIL &amp; GAS CORPORATION

Phone: (303) 390-4095

Address: 1700 BROADWAY STE 2300

Fax: (303) 390-5590

City: DENVER State: CO Zip: 80290

API Number 05-123-37506-00

County: WELD

Well Name: Horsetail

Well Number: 16B-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: 04/03/2013 PDOP Reading: 1.2 GPS Instrument Operator's Name: Dallas Nelson

\*\* If directional footage at Top of Prod. Zone Dist.: 657 feet Direction: FNL Dist.: 2052 feet Direction: FEL

Sec: 16 Twp: 10N Rng: 57W

\*\* If directional footage at Bottom Hole Dist.: 775 feet Direction: FNL Dist.: 2060 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) 07/07/2013 Date TD: 07/12/2013 Date Casing Set or D&amp;A: 07/12/2013

Rig Release Date: Per Rule 308A.b.

## Well Classification:

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

Total Depth MD 5724 TVD\*\* 5550 Plug Back Total Depth MD 4500 TVD\*\* 4498

Elevations GR 4776 KB 4793 Digital Copies of ALL Logs must be Attached per Rule 308A ☐

List Electric Logs Run:

## 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
SURF	13+1/2	9+5/8	36	0	1,833	837	0	1,833	CBL
OPEN HOLE	8+3/4			1833	5,724				

## STAGE/TOP OUT/REMEDIAL CEMENT

Cement work date: _____					
Method used	String	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom
	OPEN HOLE	5,724	507	4,500	5,724

Details of work:

Cement kick off plug for preparation to sidetrack.
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### 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	
SHARON SPRINGS	5,516		NO	NO	
NIOBRARA	5,523		NO	NO	Niobrara not completed

Operator Comments

Well was plugged back in preparation of sidetracking.
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I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: \_\_\_\_\_ Print Name: Scott M. Webb

Title: Regulatory & Permitting M Date: 7/15/2013 Email: scottw@whiting.com

### Attachment Check List

Att Doc Num	Document Name	attached ?
<u>Attachment Checklist</u>		
2451191	CMT Summary *	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400447828	CMT Summary *	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
2451192	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 type="checkbox"/> No <input checked="" type="checkbox"/>
	Other	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
<u>Other Attachments</u>		
400447769	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400447829	WELLBORE DIAGRAM	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400989283	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	Passes permitting. The well is plotting correctly plotting on the GIS maps.	09/25/2017
Permit	Corrected directional data has been uploaded but does not display on map until 2/17/16 update. Permitting will confirm data is properly displayed on the map and pass form at that time.	02/16/2016
Permit	Corrected coordinates to as-drilled. Corrected SHL footages. Directional data does not corresponded with stated footages or survey. Operator contacted. ON HOLD.	02/14/2016
Engineer	The DD and DS are for the -01 wellbore - requested the DD and DS for the -00 wellbore - deleted one cement summary - duplicates Added open hole piece Req'd SC tix	08/01/2014
Permit	Off Hold. Operator uploaded directional survey and template. Waiting on map update. Need to verify that this is for the correct wellbore suffix.	09/12/2013
Permit	On Hold. Requested directional survey.	07/25/2013

Total: 6 comment(s)