

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

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



DE ET OE ES

Document Number:

400697697

Date Received:

DRILLING COMPLETION REPORT

This form is to be submitted within 30 days of the setting of production casing, the plugging of a dry hole, the deepening or sidetracking of a well, or any time the wellbore configuration is changed. If the well is deepened or sidetracked a new Form 5 is required. If an attempt has been made to complete/produce a well, then the operator shall submit Form 5A (Completed Interval Report.) If the well has been plugged, a form 6 (Well Abandonment Report) is required.

Completion Type ☒ Final completion ☐ Preliminary completion

OGCC Operator Number: 47120

Contact Name: Kayla Hamilton

Name of Operator: KERR MCGEE OIL & GAS ONSHORE LP

Phone: (720) 929-6552

Address: P O BOX 173779

Fax:

City: DENVER State: CO Zip: 80217-

API Number 05-123-37868-00

County: WELD

Well Name: HOWARD

Well Number: 3C-29HZ

Location: QtrQtr: SENW Section: 32 Township: 1N Range: 67W Meridian: 6

Footage at surface: Distance: 2439 feet Direction: FNL Distance: 1835 feet Direction: FWL

As Drilled Latitude: 40.008138 As Drilled Longitude: -104.917198

GPS Data:

Date of Measurement: 06/24/2014 PDOP Reading: 2.0 GPS Instrument Operator's Name: Carli Sloan

** If directional footage at Top of Prod. Zone Dist.: 1892 feet. Direction: FNL Dist.: 2077 feet. Direction: FWL

Sec: 32 Twp: 1N Rng: 67W

** If directional footage at Bottom Hole Dist.: 26 feet. Direction: FNL Dist.: 2083 feet. Direction: FWL

Sec: 29 Twp: 1N Rng: 67W

Field Name: WATTENBERG

Field Number: 90750

Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 06/17/2014 Date TD: 08/25/2014 Date Casing Set or D&A: 08/29/2014

Rig Release Date: 09/12/2014 Per Rule 308A.b.

Well Classification:

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

Total Depth MD 15438 TVD** 7806 Plug Back Total Depth MD 15383 TVD** 7807

Elevations GR 5049 KB 5065 Digital Copies of ALL Logs must be Attached per Rule 308A ☐

List Electric Logs Run:

CBL, GR, MUD

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	986	338	0	986	VISU
1ST	8+3/4	7	26	0	8,291	800	296	8,291	CBL
1ST LINER	6+1/8	4+1/2	11.6	7182	15,432	550	7,181	15,432	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	
SHARON SPRINGS	4,716			NO	
SUSSEX	4,828			NO	
NIOBRARA	7,443			NO	
FORT HAYS	7,981			NO	Due to faulting we were unable to measure formation top. This is the depth at which we first drilled into the formation.
CODELL	8,014			NO	

Comment:

Due to anti-collision needs and the variability of directional drilling, our as-drilled BHL could be different than the permitted.

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

Signed: _____

Print Name: Kayla Hamilton

Title: Regulatory Specialist

Date: _____

Email: kayla.hesseltine@anadarko.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
400701684	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
400697751	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>			
400697717	LAS-MEASUREMENT/LOGGING WHILE DRILLING	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400697720	PDF-MEASUREMENT/LOGGING WHILE DRILLING	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400697723	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400697724	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400697750	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)