

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.

Document Number:
401277097

Date Received:

Completion Type Final completion Preliminary completion

OGCC Operator Number: 47120 Contact Name: Jennifer Thomas

Name of Operator: KERR MCGEE OIL & GAS ONSHORE LP Phone: (720) 929-6808

Address: P O BOX 173779 Fax: _____

City: DENVER State: CO Zip: 80217-

API Number 05-123-43021-00 County: WELD

Well Name: HOPPER STATE Well Number: 9N-34SLHZ

Location: QtrQtr: NESE Section: 15 Township: 2N Range: 68W Meridian: 6

Footage at surface: Distance: 2361 feet Direction: FSL Distance: 955 feet Direction: FEL

As Drilled Latitude: 40.137952 As Drilled Longitude: -104.983172

GPS Data:
Date of Measurement: 05/16/2017 PDOP Reading: 1.5 GPS Instrument Operator's Name: TRAVIS HOLLAND

** If directional footage at Top of Prod. Zone Dist.: 3032 feet. Direction: FSL Dist.: 1043 feet. Direction: FEL
Sec: 15 Twp: 2N Rng: 68W

** If directional footage at Bottom Hole Dist.: 1485 feet. Direction: FSL Dist.: 1021 feet. Direction: FEL
Sec: 34 Twp: 3N Rng: 68W

Field Name: WATTENBERG Field Number: 90750

Federal, Indian or State Lease Number: _____

Spud Date: (when the 1st bit hit the dirt) 02/05/2017 Date TD: 03/19/2017 Date Casing Set or D&A: 03/21/2017

Rig Release Date: 04/01/2017 Per Rule 308A.b.

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

Total Depth MD 22086 TVD** 7228 Plug Back Total Depth MD 22028 TVD** 7228

Elevations GR 4893 KB 4919 **Digital Copies of ALL Logs must be Attached per Rule 308A**

List Electric Logs Run:
CBL, GR CNL RUN ON HOPPER 16C-
22HZ, API 05-123-43023

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	26	16	42.1	0	106	64	0	106	VISU
SURF	13+1/2	9+5/8	36	0	2,327	896	0	2,327	VISU
1ST	8+1/2	5+1/2	20	0	22,076	3,062	26	22,076	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	
SUSSEX	4,903				
SHARON SPRINGS	7,137				
NIOBRARA	7,277				

Comment:

Due to anti-collision needs and the variability of directional drilling, our as-drilled BHL could be different than the permitted. Per Rule 371.p Exception, compensated neutron logs have been run on the HOPPER 16C-22HZ well (API 05-123-43023).

The Top of Productive Zone provided is an estimate based on the landing point at 7777' MD.

Completion is estimated for Q3, 2017.

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

Signed: _____

Print Name: Jennifer Thomas

Title: Regulatory Specialist

Date: _____

Email: jennifer.thomas@anadarko.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
Attachment Checklist			
401277172	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
401277171	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"/>
Other Attachments			
401277137	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401277139	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401277143	LAS-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401277144	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401277170	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)