

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:

400915877

Date Received:

11/18/2015

## 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: <u>47120</u>	Contact Name: <u>Kayla Hesselstine</u>
Name of Operator: <u>KERR MCGEE OIL &amp; GAS ONSHORE LP</u>	Phone: <u>(720) 929-6552</u>
Address: <u>P O BOX 173779</u>	Fax: _____
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80217-</u>	

API Number <u>05-123-41341-00</u>	County: <u>WELD</u>
Well Name: <u>ICEMAN STATE</u>	Well Number: <u>32N-B16HZ</u>
Location: QtrQtr: <u>SWNW</u> Section: <u>15</u> Township: <u>3N</u> Range: <u>67W</u> Meridian: <u>6</u>	
Footage at surface: Distance: <u>1970</u> feet Direction: <u>FNL</u> Distance: <u>995</u> feet Direction: <u>FWL</u>	
As Drilled Latitude: <u>40.227494</u> As Drilled Longitude: <u>-104.882660</u>	

GPS Data:  
Date of Measurement: 06/01/2015 PDOP Reading: 2.0 GPS Instrument Operator's Name: Carli Sloan

\*\* If directional footage at Top of Prod. Zone Dist.: 2364 feet Direction: FSL Dist.: 811 feet. Direction: FWL  
Sec: 15 Twp: 3N Rng: 67W

\*\* If directional footage at Bottom Hole Dist.: 2335 feet Direction: FSL Dist.: 263 feet. Direction: FWL  
Sec: 16 Twp: 3N Rng: 67W

Field Name: WATTENBERG Field Number: 90750  
Federal, Indian or State Lease Number: \_\_\_\_\_

Spud Date: (when the 1st bit hit the dirt) 05/27/2015 Date TD: 09/23/2015 Date Casing Set or D&A: 09/24/2015  
Rig Release Date: 09/30/2015 Per Rule 308A.b.

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

Total Depth MD <u>13036</u> TVD** <u>6894</u> Plug Back Total Depth MD <u>12929</u> TVD** <u>6889</u>
Elevations GR <u>4797</u> KB <u>4817</u> <b>Digital Copies of ALL Logs must be Attached per Rule 308A</b> <input type="checkbox"/>

List Electric Logs Run:  
CBL, MWD, (IND in 123-17927, 123-25001)

### 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	73	48	0	73	VISU
SURF	13+1/2	9+5/8	36	0	1,654	667	0	1,654	VISU
1ST	8+1/2	5+1/2	17	0	13,022	1,850	116	13,022	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	4,085				
SHARON SPRINGS	7,081				
NIOBRARA	7,189				

Operator Comments

Due to anti-collision needs and the variability of directional drilling, our as-drilled BHL could be different than the permitted. Per Rule 317.p & the Open Hole Logging Exception#400770633 the existing wells within six hundred feet with acceptable resistivity and gamma ray are the HSR-FRED MAYER 5-15A(API:123-17927) & the MAYER 32-15(API:123-25001)

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

Signed: \_\_\_\_\_ Print Name: Kayla Hesseltine

Title: Regulatory Specialist Date: 11/18/2015 Email: kayla.hesseltine@anadarko.com

### Attachment Check List

Att Doc Num	Document Name	attached ?	
<b>Attachment Checklist</b>			
400915897	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
400915896	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"/>
<b>Other Attachments</b>			
1734454	CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400915877	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400915891	MEASUREMENT/LOGGING WHILE DRILLING	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400915893	LAS-MEASUREMENT/LOGGING WHILE DRILLING	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400915895	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400930753	CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineering Tech	Sent a third request for the CBL.LAS 1/22/2018. Uploaded CBL.LAS as doc#1734454.(1/24/2018) • Corrected the PBTB & PBTVD per the directional data	01/22/2018
Permit	Corrected footage at TPZ from 2338 FSL 576 FWL 15-3N-67W to 2364 FSL 811 FWL 15-3N-67W, based on interpolation Changed Logs Run to CBL, MWD, (IND in 123-17927, 123-25001)	12/11/2017

Total: 2 comment(s)