

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:

401349005

Date Received:

07/24/2017

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: 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 05-123-44171-00 County: WELD
Well Name: S.S. MINNOW Well Number: 14N2-14HZ
Location: QtrQtr: NENW Section: 35 Township: 3N Range: 67W Meridian: 6
Footage at surface: Distance: 983 feet Direction: FNL Distance: 1825 feet Direction: FWL
As Drilled Latitude: 40.186376 As Drilled Longitude: -104.860694

GPS Data:
Date of Measurement: 03/09/2017 PDOP Reading: 1.3 GPS Instrument Operator's Name: ROB WILSON

** If directional footage at Top of Prod. Zone Dist.: 294 feet Direction: FNL Dist.: 1915 feet Direction: FWL
Sec: 35 Twp: 3N Rng: 67W

** If directional footage at Bottom Hole Dist.: 1261 feet Direction: FSL Dist.: 2041 feet Direction: FWL
Sec: 14 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) 03/19/2017 Date TD: 04/27/2017 Date Casing Set or D&A: 04/29/2017
Rig Release Date: 05/26/2017 Per Rule 308A.b.

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

Total Depth MD 19768 TVD** 7207 Plug Back Total Depth MD 19709 TVD** 7210

Elevations GR 4827 KB 4853 Digital Copies of ALL Logs must be Attached per Rule 308A

List Electric Logs Run:
CBL, MWD/GR, (CNL in 05-123-44168, DIL in 05-123-14762)

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	2,328	902	0	2,328	VISU
1ST	8+1/2	5+1/2	20	0	19,753	2,640	0	19,753	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	4,434				
SHARON SPRINGS	7,087				
NIOBRARA	7,214				

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 Exception, compensated neutron logs have been run on the S.S. MINNOW 23C-14HZ well (API 05-123-44168).

The Top of Productive Zone provided is an estimate based on the landing point at 7648' MD.

Completion is estimated for Q4, 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 Analyst Date: 7/24/2017 Email: jennifer.thomas@anadarko.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
Attachment Checklist			
401349156	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401349157	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
401349155	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			
401349005	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401349112	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401349115	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401349120	LAS-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401349128	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401349153	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

General Comments

User Group	Comment	Comment Date
Engineering Tech	• No Form 5A received yet (as of 10/11/2017); changed wellbore status from "DG" to "WO".	10/11/2017
Permit	Changed Logs Run to CBL, MWD/GR, (CNL in 05-123-44168, DIL in 05-123-14762) Per operator, GPS measurement was taken after conductor casing was set Changed 'Rule 371.p' to Rule 317.p in Submit tab Footage at Top of Prod. Zone is an estimate and will be provided on the Form 5A when the well is completed WO Form 5A	08/18/2017

Total: 2 comment(s)