

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:

401399430

Date Received:

09/13/2017

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 05-123-43312-00 County: WELD
Well Name: HILGERS Well Number: 34N-22HZ
Location: QtrQtr: SESE Section: 22 Township: 3N Range: 68W Meridian: 6
Footage at surface: Distance: 855 feet Direction: FSL Distance: 685 feet Direction: FEL
As Drilled Latitude: 40.206604 As Drilled Longitude: -104.981989

GPS Data:
Date of Measurement: 04/28/2017 PDOP Reading: 1.6 GPS Instrument Operator's Name: PRESTON KNUITSEN

** If directional footage at Top of Prod. Zone Dist.: 251 feet Direction: FSL Dist.: 175 feet Direction: FEL
Sec: 22 Twp: 3N Rng: 68W
** If directional footage at Bottom Hole Dist.: 298 feet Direction: FSL Dist.: 499 feet Direction: FWL
Sec: 22 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) 05/17/2017 Date TD: 07/07/2017 Date Casing Set or D&A: 07/07/2017
Rig Release Date: 07/15/2017 Per Rule 308A.b.

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

Total Depth MD 12313 TVD** 7111 Plug Back Total Depth MD 12211 TVD** 7111
Elevations GR 5001 KB 5018 Digital Copies of ALL Logs must be Attached per Rule 308A

List Electric Logs Run:
CBL, MWD/GR, (RESISTIVITY in 05-123-21269, CNL in 05-123-43307)

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	0	97	64	0	97	VISU
SURF	13+1/2	9+5/8	36	0	1,851	725	0	1,851	VISU
1ST	7+7/8	5+1/2	17	0	12,303	1,170	739	12,303	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	4,332				
SHARON SPRINGS	7,298				
NIOBRARA	7,469				

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, open hole resistivity logs have been run on the HILGERS 16-22A well (API 05-123-21269).
Completion for this well is estimated for Q3, 2017.
The Top of Productive Zone provided is an estimate based on the landing point at 7,719' MD.

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: 9/13/2017 Email: jennifer.thomas@anadarko.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
Attachment Checklist			
401399600	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401400865	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
401400815	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			
401399430	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401399564	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401400394	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401400395	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401400576	LAS-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401400580	PDF-CEMENT BOND	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 10/12/2017); changed wellbore status from "DG" to "WO" in well update.	10/12/2017
Permit	Revised SHL from 856 FSL 685 FEL to 855 FSL 685 FEL 22-3N-68W to match the scout ticket Corrected with operator concurrence the footage at bottom hole from 298 FSL 423 FWL 22-3N-68W to 298 FSL 499 FWL 22-3N-68W Revised final TVD from 7110 to 7111 Changed Logs Run to CBL, MWD/GR, (RESISTIVITY in 05-123-21269, CNL in 05-123-43307) With operator concurrence replaced 'Per Rule 371.p Exception, open hole resistivity logs have been run on the HILGERS 33N1-22HZ well (API 05-123-43262)' with Per Rule 317.p Exception, open hole resistivity logs have been run on the HILGERS 16-22A well (API 05-123-21269) Per operator, GPS measurement for this well was taken after conductor csg was set Footage at Top of Prod. Zone is an estimate and will be provided on the Form 5A when the well is completed	09/19/2017

Total: 2 comment(s)