

FORM
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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:

401360523

Date Received:

08/03/2017

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 05-123-43262-00 County: WELD
Well Name: HILGERS Well Number: 33N1-22HZ
Location: QtrQtr: NESE Section: 22 Township: 3N Range: 68W Meridian: 6
Footage at surface: Distance: 2153 feet Direction: FSL Distance: 559 feet Direction: FEL
As Drilled Latitude: 40.210174 As Drilled Longitude: -104.981563

GPS Data:
Date of Measurement: 04/28/2017 PDOP Reading: 2.9 GPS Instrument Operator's Name: PRESTON KNUTSEN

** If directional footage at Top of Prod. Zone Dist.: 1606 feet Direction: FSL Dist.: 115 feet Direction: FEL
Sec: 22 Twp: 3N Rng: 68W

** If directional footage at Bottom Hole Dist.: 1682 feet Direction: FSL Dist.: 470 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) 05/07/2017 Date TD: 05/25/2017 Date Casing Set or D&A: 05/26/2017
Rig Release Date: 06/06/2017 Per Rule 308A.b.

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

Total Depth MD 12438 TVD** 7178 Plug Back Total Depth MD 12333 TVD** 7185
Elevations GR 4998 KB 5015 Digital Copies of ALL Logs must be Attached per Rule 308A

List Electric Logs Run:
CBL, MWD, RESISTIVITY

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	97	64	0	97	VISU
SURF	13+1/2	9+5/8	36	0	1,873	726	0	1,873	VISU
1ST	7+7/8	5+1/2	17	0	12,424	1,181	950	12,424	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	4,293				
SHARON SPRINGS	7,236				
NIOBRARA	7,354				

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 33N1-22HZ well (API 123-43262).

The Top of Productive Zone provided is an estimate based on the landing point at 7762' 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 Analyst Date: 8/3/2017 Email: jennifer.thomas@anadarko.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
401360788	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401360790	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
401360782	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>			
401360523	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401360771	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401360773	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401360775	LAS-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401360776	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401360780	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401360846	LAS-RESISTIVITY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401360854	PDF-RESISTIVITY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineering Tech	<ul style="list-style-type: none"> • Corrected the TPZ footages per the Operator guidance provided on the related Form 5A#401441539 • Corrected the PBTB per the Cement Job Summary 	04/13/2018
Permit	Per operator, GPS measurement was taken on conductor csg after it was set Adjusted Total Depth MD and TVD to match the dir survey Changed Logs Run to CBL, MWD, RESISTIVITY On first string cement job summary - correct API number and data, incorrect well name	02/16/2018

Total: 2 comment(s)