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

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Document Number: 401475661

Date Received:

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.

Completion Type [X] Final completion [ ] Preliminary completion

OGCC Operator Number: 47120 Contact Name: CRYSTAL MCCLAIN

Name of Operator: KERR MCGEE OIL & GAS ONSHORE LP Phone: (720) 9294398

Address: P O BOX 173779 Fax:

City: DENVER State: CO Zip: 80217-

API Number 05-123-43570-00 County: WELD

Well Name: NORDEN Well Number: 28N-14HZ

Location: QtrQtr: SWSE Section: 14 Township: 1N Range: 67W Meridian: 6

Footage at surface: Distance: 477 feet Direction: FSL Distance: 1961 feet Direction: FEL

As Drilled Latitude: 40.045022 As Drilled Longitude: -104.855107

GPS Data:

Date of Measurement: 07/31/2017 PDOP Reading: 1.3 GPS Instrument Operator's Name: TOBY OSBORN

** If directional footage at Top of Prod. Zone Dist.: 1334 feet. Direction: FSL Dist.: 2402 feet. Direction: FEL

Sec: 14 Twp: 1N Rng: 67W

** If directional footage at Bottom Hole Dist.: 53 feet. Direction: FNL Dist.: 2504 feet. Direction: FEL

Sec: 14 Twp: 1N Rng: 67W

Field Name: WATTENBERG Field Number: 90750

Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 08/05/2017 Date TD: 10/02/2017 Date Casing Set or D&A: 10/03/2017

Rig Release Date: 10/05/2017 Per Rule 308A.b.

Well Classification:

[ ] Dry [X] Oil [ ] Gas/Coalbed [ ] Disposal [ ] Stratigraphic [ ] Enhanced Recovery [ ] Storage [ ] Observation

Total Depth MD 11950 TVD** 7399 Plug Back Total Depth MD 11897 TVD** 7398

Elevations GR 4952 KB 4969

Digital Copies of ALL Logs must be Attached per Rule 308A [ ]

List Electric Logs Run:

GR, MIT, CBL, CNL RUN ON NORDEN 1C-14HZ (API: 05-123-43576).

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	1,874	703	0	1,874	VISU
1ST	8+1/2	7	26	0	5,892	500	20	5,892	CBL
1ST LINER	6+1/8	4+1/2	11.6	5633	11,945	390	5,633	11,945	CALC

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	4,568				
SHARON SPRINGS	7,474				
NIOBRARA	7,529				

Comment:

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 Norden 1C-14HZ well (API: 05-123-43576).

The Top of Productive Zone provided is an estimate based on the landing point at 8035' MD.

As-drilled GPS data was taken after conductor was set.

Completion is estimated for Q4 2018.

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

Signed: Print Name: CRYSTAL MCCLAIN

Title: REGULATORY ANALYST Date: Email: CRYSTAL.MCCLAIN@ANADARKO.COM

Attachment Check List

Att Doc Num	Document Name	attached ?
Attachment Checklist		
401475693	CMT Summary *	Yes ☒ No ☐
	Core Analysis	Yes ☐ No ☒
401475690	Directional Survey **	Yes ☒ No ☐
	DST Analysis	Yes ☐ No ☒
	Logs	Yes ☒ No ☐
	Other	Yes ☐ No ☒
Other Attachments		
401475667	LAS-CEMENT BOND	Yes ☒ No ☐
401475672	PDF-CEMENT BOND	Yes ☒ No ☐
401475673	PDF-MWD/LWD	Yes ☒ No ☐
401475674	LAS-MWD/LWD	Yes ☒ No ☐
401475675	LAS-CASING EVALUATION TOOL	Yes ☒ No ☐
401475678	PDF-CASING EVALUATION TOOL	Yes ☒ No ☐
401475689	DIRECTIONAL DATA	Yes ☒ No ☐

General Comments

User Group	Comment	Comment Date
		Stamp Upon Approval

Total: 0 comment(s)