

FORM
5

Rev
02/08

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



DE ET OE ES

Document Number:

400463526

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 Final completion Preliminary completion

1. OGCC Operator Number: 47120
2. Name of Operator: KERR-MCGEE OIL & GAS ONSHORE LP
3. Address: P O BOX 173779
City: DENVER State: CO Zip: 80217-
4. Contact Name: JOEL MALEFYT
Phone: (720) 929-6828
Fax: (720) 929-7828

5. API Number 05-123-36725-00
6. County: WELD
7. Well Name: CROWDER Well Number: 15C-18HZ
8. Location: QtrQtr: NENE Section: 18 Township: 2N Range: 65W Meridian: 6
Footage at surface: Distance: 313 feet Direction: FNL Distance: 1168 feet Direction: FEL
As Drilled Latitude: 40.145086 As Drilled Longitude: -104.701463

GPS Data:

Date of Measurement: 05/13/2013 PDOP Reading: 1.9 GPS Instrument Operator's Name: 5/13/2013

** If directional footage at Top of Prod. Zone Dist.: 716 feet. Direction: FNL Dist.: 1448 feet. Direction: FEL

Sec: 18 Twp: 2N Rng: 65W

** If directional footage at Bottom Hole Dist.: 761 feet. Direction: FSL Dist.: 1453 feet. Direction: FEL

Sec: 18 Twp: 2N Rng: 65W

9. Field Name: WATTENBERG 10. Field Number: 90750

11. Federal, Indian or State Lease Number:

12. Spud Date: (when the 1st bit hit the dirt) 02/25/2013 13. Date TD: 04/20/2013 14. Date Casing Set or D&A: 04/21/2013

15. Well Classification:

Dry Oil Gas/Coalbed Disposal Stratigraphic Enhanced Recovery Storage Observation

16. Total Depth MD 11583 TVD** 7363 17 Plug Back Total Depth MD 11558 TVD** 7363

18. Elevations GR 4957 KB 4982

One paper copy of all electric and mud logs must be submitted, along with one digital LAS copy as available.

19. List Electric Logs Run:

CBL; GR; RES; MUD

20. Casing, Liner and Cement:

CASING

Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Top	Cmt Bot	Status
SURF	13+1/2	9+5/8	36	0	1,070	433	0	1,070	VISU
1ST	8+3/4	7	26	0	7,718	766	1,320	7,718	CBL
1ST LINER	6+1/8	4+1/2	11.6	6656	11,568				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:

21. Formation log intervals and test zones:

FORMATION LOG INTERVALS AND TEST ZONES

FORMATION NAME	Measured Depth		Check if applies		COMMENTS (All DST and Core Analyses must be submitted to COGCC)
	Top	Bottom	DST	Cored	
CODELL			<input type="checkbox"/>	<input type="checkbox"/>	ESTIMATED TVD 7364'
SHARON SPRINGS	7,058		<input type="checkbox"/>	<input type="checkbox"/>	
NIOBRARA	7,140		<input type="checkbox"/>	<input type="checkbox"/>	
FORT HAYS	7,588		<input type="checkbox"/>	<input type="checkbox"/>	

Comment:

Due to anti-collision needs and the variability of directional drilling, our as-drilled BHL could be different than the permitted.

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

Signed: _____ Print Name: JOEL MALEFYT

Title: REGULATORY ANALYST Date: _____ Email: RSCDJPOSTDRILL@ANADARKO.COM

Attachment Check List

Att Doc Num	Document Name	attached ?	
Attachment Checklist			
400463635	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
400463634	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			
400463618	LAS-GAMMA RAY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400463620	PDF-GAMMA RAY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400463623	PDF-GAMMA RAY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400463624	LAS-GAMMA RAY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400463625	PDF-GAMMA RAY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400463629	LAS-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400463630	LAS-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400463632	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400463633	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400463637	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400483331	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)