

**FORM
5**Rev
02/08State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



DE ET OE ES

Document Number:

400143659

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

4. Contact Name: Cindy Vue

2. Name of Operator: KERR-MCGEE OIL & GAS ONSHORE LP

Phone: (720) 929-6832

3. Address: P O BOX 173779

Fax: (720) 929-7832

City: DENVER State: CO Zip: 80217-37

5. API Number 05-123-31353-00

6. County: WELD

7. Well Name: NRC

Well Number: 21-9

8. Location: QtrQtr: SWNW Section: 9 Township: 1N Range: 67W Meridian: 6

Footage at surface: Distance: 1320 feet Direction: FNL Distance: 1258 feet Direction: FWL

As Drilled Latitude: 40.069140 As Drilled Longitude: -104.900630

GPS Data:

Data of Measurement: 09/03/2010 PDOP Reading: 1.7 GPS Instrument Operator's Name: Renee Doiron

** If directional footage at Top of Prod. Zone Dist.: 1341 feet. Direction: FNL Dist.: 2500 feet. Direction: FWL

Sec: 9 Twp: 1N Rng: 67W

** If directional footage at Bottom Hole Dist.: 1339 feet. Direction: FNL Dist.: 2497 feet. Direction: FWL

Sec: 9 Twp: 1N Rng: 67W

9. Field Name: SPINDLE

10. Field Number: 77900

11. Federal, Indian or State Lease Number:

12. Spud Date: (when the 1st bit hit the dirt) 08/17/2010 13. Date TD: 08/21/2010 14. Date Casing Set or D&A: 08/23/2010

15. Well Classification:

☐ Dry ☒ Oil ☐ Gas/Coalbed ☐ Disposal ☐ Stratigraphic ☐ Enhanced Recovery ☐ Storage ☐ Observation

16. Total Depth MD 8386 TVD** 8298 17 Plug Back Total Depth MD 8354 TVD** 8207

18. Elevations GR 5021 KB 5038

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:

CD-CN-ML, DI-GL-GR; CBL

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	12+1/4	8+5/8	24#	0	1,016	640	0	1,016	CALC
1ST	7+7/8	4+1/2	11.6#	0	8,386	130	6,615	8,386	CBL

ADDITIONAL CEMENT

Cement work date: 08/23/2010

Details of work:

Method used	String	Cementing tool setting/pref depth	Cement volume	Cement top	Cement bottom
DV TOOL	1ST	5,740	680	1,204	5,770

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	
PARKMAN	4,276		<input type="checkbox"/>	<input type="checkbox"/>	
SUSSEX	4,657		<input type="checkbox"/>	<input type="checkbox"/>	
SHANNON	5,276		<input type="checkbox"/>	<input type="checkbox"/>	
NIOBRARA	7,494		<input type="checkbox"/>	<input type="checkbox"/>	
FORT HAYS	7,792		<input type="checkbox"/>	<input type="checkbox"/>	
CODELL	7,814		<input type="checkbox"/>	<input type="checkbox"/>	
J SAND	8,260		<input type="checkbox"/>	<input type="checkbox"/>	

Comment:

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

Signed: _____ Print Name: Cindy Vue

Title: Regulatory Analyst II Date: 3/17/2011 Email: Cindy.Vue@anadarko.com

Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
400143664	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
400143663	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 type="checkbox"/>	No	<input checked="" type="checkbox"/>
	Other	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
<u>Other Attachments</u>					
400143659	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

General Comments

User Group

Comment

Comment Date

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Total: 0 comment(s)