

**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:

400085762

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 05-123-31143-00 6. County: WELD
7. Well Name: BERNHARDT STATE Well Number: 23-36
8. Location: QtrQtr: NESW Section: 36 Township: 5N Range: 67W Meridian: 6
Footage at surface: Direction: FSL Distance: 1936 Direction: FWL Distance: 2080
As Drilled Latitude: 40.354133 As Drilled Longitude: -104.843489

GPS Data:

Data of Measurement: 08/05/2010 PDOP Reading: 2.7 GPS Instrument Operator's Name: Renee Doiron

** If directional footage

at Top of Prod. Zone Distance: 1318 Direction: FSL Distance: 2611 Direction: FWL
at Bottom Hole Distance: 1322 Direction: FSL Distance: 2613 Direction: FWL

9. Field Name: WATTENBERG 10. Field Number: 9075011. Federal, Indian or State Lease Number: 81/6923-S12. Spud Date: (when the 1st bit hit the dirt) 06/30/2010 13. Date TD: 07/03/2010 14. Date Casing Set or D&A: 07/03/2010

15. Well Classification:

☐ Dry ☐ Oil ☒ Gas/Coalbed ☐ Disposal ☐ Stratigraphic ☐ Enhanced Recovery ☐ Storage ☐ Observation16. Total Depth MD 8012 TVD 7908 17 Plug Back Total Depth MD 7963 TVD 785918. Elevations GR 4833 KB 4848

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:

PRELIMINARY FORM 5

20. Casing, Liner and Cement:

CASING

Casing Type	Size of Hole	Size of Casing	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
SURF	12+1/4	8+5/8	24#	880	550	880	0
1ST	7+7/8	4+1/2	11.6#	8,000	1,010	8,000	780

REMEDIAL CEMENT

Cement work date: _____

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	
PARKMAN	3,771		<input type="checkbox"/>	<input type="checkbox"/>	
SUSSEX	4,330		<input type="checkbox"/>	<input type="checkbox"/>	
SHANNON	4,871		<input type="checkbox"/>	<input type="checkbox"/>	
NIOBRARA	7,092		<input type="checkbox"/>	<input type="checkbox"/>	
FORT HAYS	7,391		<input type="checkbox"/>	<input type="checkbox"/>	
CODELL	7,413		<input type="checkbox"/>	<input type="checkbox"/>	
J SAND	7,862		<input type="checkbox"/>	<input type="checkbox"/>	

Comment:

Preliminary Form 5.

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: _____ Email: Cindy.Vue@anadarko.com

Based on the information provided herein, this Application for Permit-to-Drill complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: _____ Director of COGCC Date: _____

Attachment Check List

Att Doc Num	Name	Doc Description
400085763	DIRECTIONAL SURVEY	Anadarko - Bernhardt State 23-36 p1 vs final.pdf
400085766	CMT SUMMARY	Berhardt St 23-36 SURF CMT TKT.PDF

Total Attach: 2 Files