

FORM

2

Rev
12/05

State of Colorado

Oil and Gas Conservation Commission

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05/04/2013

PluggingBond SuretyID

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APPLICATION FOR PERMIT TO:

1. ☐ Drill, ☐ Deepen, ☐ Re-enter, ☒ **Recomplete and Operate**

2. TYPE OF WELL

OIL ☐ GAS ☒ COALBED ☐ OTHER _____
 SINGLE ZONE ☐ MULTIPLE ☒ COMMINGLE ☒

Refiling ☐Sidetrack ☐3. Name of Operator: KERR-MCGEE OIL & GAS ONSHORE LP4. COGCC Operator Number: 471205. Address: P O BOX 173779City: DENVER State: CO Zip: 80217-37796. Contact Name: Cheryl Light Phone: (720)929-6461 Fax: (720)929-7461Email: cheryl.light@anadarko.com7. Well Name: ENCORE Well Number: 4-12

8. Unit Name (if appl): _____ Unit Number: _____

9. Proposed Total Measured Depth: 8188

WELL LOCATION INFORMATION

10. QtrQtr: NENW Sec: 12 Twp: 5N Rng: 68W Meridian: 6Latitude: 40.420207 Longitude: -104.955449

Footage at Surface: 490 feet FNL/FSL 2410 feet FEL/FWL FWL

11. Field Name: Wattenberg Field Number: 9075012. Ground Elevation: 4980 13. County: WELD

14. GPS Data:

Date of Measurement: 12/30/2010 PDOP Reading: 2.3 Instrument Operator's Name: Renee Doiron15. If well is ☒ Directional ☐ Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL 628 FNL 661 FWL 638 FNL 653 FWL 638 FNL 653 FWL 638
 Sec: 12 Twp: 5N Rng: 68W Sec: 12 Twp: 5N Rng: 68W

16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No17. Distance to the nearest building, public road, above ground utility or railroad: 350 ft18. Distance to nearest property line: 300 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 5461 ft

20. LEASE, SPACING AND POOLING INFORMATION

Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)
Niobrara-Codell	NB-CD	407	80	N/2NW/4

21. Mineral Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian Lease #: _____22. Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian23. Is the Surface Owner also the Mineral Owner? ☒ Yes ☐ No Surface Surety ID#: _____23a. If 23 is Yes: Is the Surface Owner(s) signature on the lease? ☐ Yes ☐ No23b. If 23 is No: ☒ Surface Owners Agreement Attached or ☐ \$25,000 Blanket Surface Bond ☐ \$2,000 Surface Bond ☐ \$5,000 Surface Bond

24. Using standard QtrQtr, Sec, Twp, Rng format enter entire mineral lease description upon which this proposed wellsite is located (attach separate sheet/map if you prefer):

See attached Oil and Gas Lease

25. Distance to Nearest Mineral Lease Line: 660 ft

26. Total Acres in Lease: 145

DRILLING PLANS AND PROCEDURES

27. Is H2S anticipated? ☐ Yes ☒ No If Yes, attach contingency plan.

28. Will salt sections be encountered during drilling? ☐ Yes ☒ No

29. Will salt (>15,000 ppm TDS CL) or oil based muds be used during drilling? ☐ Yes ☒ No

30. If questions 28 or 29 are yes, is this location in a sensitive area (Rule 901.e)? ☐ Yes ☒ No

31. Mud disposal: ☒ Offsite ☐ Onsite

If 28, 29, or 30 are "Yes" a pit permit may be required.

Method: ☐ Land Farming ☒ Land Spreading ☐ Disposal Facility Other: _____

Note: The use of an earthen pit for Recompletion fluids requires a pit permit (Rule 905b). If air/gas drilling, notify local fire officials.

Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
SURF	12+1/4	8+5/8	24#	0	993	610	993	0
1ST	7+7/8	4+1/2	11.6#	0	8,178	1,060	8,178	138

32. BOP Equipment Type: ☒ Annular Preventer ☐ Double Ram ☒ Rotating Head ☐ None

33. Comments A Form 2A is not required for this recompletion because no pit will be constructed and there will be no additional surface disturbance beyond the originally disturbed area.

34. Location ID: 418100

35. Is this application in a Comprehensive Drilling Plan ? ☐ Yes ☐ No

36. Is this application part of submitted Oil and Gas Location Assessment ? ☐ Yes ☒ No

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

Signed: _____ Print Name: Cheryl Light

Title: Sr. Regulatory Analyst Date: 5/4/2013 Email: djregulatory@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: _____

API NUMBER

05 069 06420 00

Permit Number: _____ Expiration Date: _____

CONDITIONS OF APPROVAL, IF ANY:

All representations, stipulations and conditions of approval stated in the Form 2A for this location shall constitute representations, stipulations and conditions of approval for this Form 2 Permit-to-Drill and are enforceable to the same extent as all other representations, stipulations and conditions of approval stated in this Permit-to-Drill.

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Attachment Check List

Att Doc Num	Name
400413735	FORM 2 SUBMITTED
400413746	30 DAY NOTICE LETTER
400413747	SURFACE AGRMT/SURETY
400413748	OIL & GAS LEASE

Total Attach: 4 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Returned to draft: 1) TD incorrect.	5/6/2013 7:34:55 AM

Total: 1 comment(s)

BMP

<u>Type</u>	<u>Comment</u>

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