

FORM  
2  
Rev  
12/05

State of Colorado  
Oil and Gas Conservation Commission

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



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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 ZONE  COMMINGLE ZONE

Refiling   
Sidetrack

Document Number:  
400001558  
Plugging Bond Surety  
20010124

3. Name of Operator: KERR-MCGEE OIL & GAS ONSHORE LP 4. COGCC Operator Number: 47120

5. Address: P O BOX 173779  
City: DENVER State: CO Zip: 80217-3779

6. Contact Name: Cheryl Light Phone: (720)929-6461 Fax: (720)929-7461  
Email: Cheryl.Light@anadarko.com

7. Well Name: MILLER Well Number: 22-33

8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_

9. Proposed Total Measured Depth: 8081

WELL LOCATION INFORMATION

10. QtrQtr: SENW Sec: 33 Twp: 3N Rng: 66W Meridian: 6  
Latitude: 40.184250 Longitude: -104.786660

Footage at Surface: 1620 FNL/FSL FNL 1384 FEL/FWL FWL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4930 13. County: WELD

14. GPS Data:

Date of Measurement: 03/06/2009 PDOP Reading: 6.0 Instrument Operator's Name: TRAVIS KRAICH

15. If well is  Directional  Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL \_\_\_\_\_ FEL/FWL \_\_\_\_\_ Bottom Hole: FNL/FSL \_\_\_\_\_ FEL/FWL \_\_\_\_\_  
2500 FNL 1250 FWL 2500 FNL 1250 FWL  
Sec: 33 Twp: 3N Rng: 66W Sec: 33 Twp: 3N Rng: 66W

16. Is location in a high density area? (Rule 603b)?  Yes  No

17. Distance to the nearest building, public road, above ground utility or railroad: 1620 ft

18. Distance to nearest property line: 57 ft 19. Distance to nearest well permitted/completed in the same formation: 786 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.)
J-Sand	JSND	232-23	160	GWA
Niobrara/Codell	NB-CD	407	160	GWA

21. Mineral Ownership:  Fee  State  Federal  Indian Lease #: \_\_\_\_\_

22. Surface Ownership:  Fee  State  Federal  Indian

23. 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  No

23b. If 23 is No  Surface Owners Agreement Attached or  \$25,000 Blanket Surface Bon  \$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 lease

25. Distance to Nearest Mineral Lease Line: 1250 ft 26. Total Acres in Lease: 5719

### 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 27 or 28 are yes, is this location in a sensitive area (Rule 903)?  Yes  No **If 28, 29, or 30 are "Yes" a pit permit may be required.**

31. Mud disposal:  Offsite  Onsite  
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	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
SURF	12+1/4	8+5/8	24	1,050	735	1,050	0
1ST	7+7/8	4+1/2	11.6	8,081	200	8,081	
1ST LINER							

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

33. Comments Conductor casing will not be used; EXCEPTION LOCATION 603a(2) W/WAIVER

34. Location ID: \_\_\_\_\_

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: Senior Regulatory Analyst Date: 7/23/2009 Email: Cheryl.Light@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: David S. Neslin Director of COGCC Date: 10/2/2009

Permit Number: \_\_\_\_\_ Expiration Date: 10/1/2011

**API NUMBER**  
05 123 30652 00

**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.**

1) Provide 24 hour notice of MIRU to Jim Precup at 303-469-1902 or e-mail at james.precup@state.co.us 2) Comply with Rule 317.i and provide cement coverage from TD to a minimum of 200' above Niobrara and from 200' below Sussex to 200' above Sussex. Verify coverage with cement bond log. 3) Comply with Rule 321. Run and submit Directional Survey from TD to base of surface casing. Ensure that the wellbore complies with setback requirements in commission orders or rules prior to producing the well.

TWINNING PROPOSED MILLER 21-33; EXCEPTION LOCATION WITH WAIVERS 603a(2).

### Attachment Check List

Att Doc Num	Name	Doc Description
1769091	SURFACE CASING CHECK	LF@2123303 1769091
400001738	30 DAY NOTICE LETTER	MILLER 22-33 NOTICE LETTER.pdf
400001739	DRILLING PLAN	Miller 22-33 Directional 04-06-09.pdf
400001740	WELL LOCATION PLAT	MILLER 22-33 PLAT.pdf
400001741	TOPO MAP	MILLER 22-33 TOPO.pdf
400001743	PROPOSED SPACING UNIT	MILLER 22-33 SPACING MAPS.pdf
400001783	MULTI-WELL PLAN	SEW PAD SEC. 33 3N66W33.pdf
400001784	OIL & GAS LEASE	Lease.pdf
400001785	SURFACE AGRMT/SURETY	MILLER 22-33 SOA.pdf
400001815	EXCEPTION LOC WAIVERS	MILLER 22-33 WAIVER 603 a. (2).pdf

Total Attach: 10 Files