

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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Document Number:

400031890

Plugging Bond Surety

20010124

## 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 3. Name of Operator: KERR-MCGEE OIL & GAS ONSHORE LP 4. 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: BERNHARDT Well Number: 21-1

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

9. Proposed Total Measured Depth: 7953

## WELL LOCATION INFORMATION

10. QtrQtr: NENW Sec: 1 Twp: 4N Rng: 67W Meridian: 6Latitude: 40.345063 Longitude: -104.841321

Footage at Surface: 1367 FNL 1990 FWL  
FNL/FSL FEL/FWL

11. Field Name: Wattenberg Field Number: 9075012. Ground Elevation: 4825 13. County: WELD

## 14. GPS Data:

Date of Measurement: 08/26/2009 PDOP Reading: 2.1 Instrument Operator's Name: Chris Pearson15. If well is  Directional  Horizontal (highly deviated) **submit deviated drilling plan.**Footage at Top of Prod Zone: 1411 FNL 2380 FEL Bottom Hole: 1411 FNL 2380 FELSec: 1 Twp: 4N Rng: 67W Sec: 1 Twp: 4N Rng: 67W16. Is location in a high density area? (Rule 603b)?  Yes  No17. Distance to the nearest building, public road, above ground utility or railroad: 1995 ft18. Distance to nearest property line: 1303 ft 19. Distance to nearest well permitted/completed in the same formation: 849 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	320	N2
Niobrara/Codell	NBCD	407	160	W2NE4, E2NW4

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: 50 ft 26. Total Acres in Lease: 5758

### 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	850	595	850	
1ST	7+7/8	4+1/2	11.6	7,953	200	7,953	

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

33. Comments No conductor casing will be used

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: \_\_\_\_\_ 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: \_\_\_\_\_

<b>API NUMBER</b>	Permit Number: _____	Expiration Date: _____
05	<b>CONDITIONS OF APPROVAL, IF ANY:</b>	

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.

### **Attachment Check List**

Att Doc Num	Name	Doc Description
400031906	MULTI-WELL PLAN	BERNHARDT 8 PAD 4N67W1.pdf
400031907	DRILLING PLAN	BERNHARDT 21-1 DIRECTIONAL.pdf
400031908	WELL LOCATION PLAT	BERNHARDT 21-1 PLAT.pdf
400031909	PROPOSED SPACING UNIT	BERNHARDT 21-1 SPACING UNIT MAP.pdf
400031911	TOPO MAP	BERNHARDT 21-1 Topo.pdf
400031914	30 DAY NOTICE LETTER	BERNHARDT NOTICE LETTER.pdf
400031916	SURFACE AGRMT/SURETY	BERNHARDT Sec 1 SUA.pdf
400031918	WAIVERS	BERNHARDT 21-1 WVR 318A.a & 318A.c.pdf
400033308	OIL & GAS LEASE	BERNHARDT SEC 1 LEASE.pdf

Total Attach: 9 Files