

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:  
400031969  
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: 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: BERNHARDT Well Number: 29-1  
 8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_  
 9. Proposed Total Measured Depth: 8116

WELL LOCATION INFORMATION

10. QtrQtr: NENW Sec: 1 Twp: 4N Rng: 67W Meridian: 6  
 Latitude: 40.345280 Longitude: -104.841340  
 Footage at Surface: 1287 FNL/FSL FNL 1985 FEL/FWL FWL  
 11. Field Name: Wattenberg Field Number: 90750  
 12. Ground Elevation: 4826 13. County: WELD

14. GPS Data:

Date of Measurement: 08/26/2009 PDOP Reading: 2.1 Instrument Operator's Name: Chris Pearson

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

Footage at Top of Prod Zone: FNL/FSL 75 FNL 1330 FWL FWL Bottom Hole: FNL/FSL 75 FNL 1330 FWL FWL  
 Sec: 1 Twp: 4N Rng: 67W Sec: 1 Twp: 4N Rng: 67W

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: 1995 ft

18. Distance to nearest property line: 1303 ft 19. Distance to nearest well permitted/completed in the same formation: 796 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		160	1:N2NW4 36:S2SW4
Niobrara/Codell	NBCD	407	160	1:N2NW4 36:S2SW4

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 oil and gas lease Unit Configuration: JSND & NB-CD T4N-R67W Sec 1 N2NW4; T5N-R67W Sec 36 S2SW4

25. Distance to Nearest Mineral Lease Line: 75 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	8,116	200	8,116	

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
400031972	MULTI-WELL PLAN	BERNHARDT 8 PAD 4N67W1.pdf
400031973	DRILLING PLAN	BERNHARDT 29-1 DIRECTIONAL.pdf
400031974	WELL LOCATION PLAT	BERNHARDT 29-1 PLAT.pdf
400031975	PROPOSED SPACING UNIT	BERNHARDT 29-1 SPACING MAP.pdf
400031976	TOPO MAP	BERNHARDT 29-1 Topo.pdf
400031977	WAIVERS	BERNHARDT 29-1 WVR 318A.a & 318A.c.pdf
400031978	30 DAY NOTICE LETTER	BERNHARDT NOTICE LETTER.pdf
400031979	OIL & GAS LEASE	BERNHARDT SEC 1 LEASE.pdf
400031981	SURFACE AGRMT/SURETY	BERNHARDT Sec 1 SUA.pdf

Total Attach: 9 Files