

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:

400024863

Plugging Bond Surety

20010124

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 STATE Well Number: 21-36

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

9. Proposed Total Measured Depth: 8045

## WELL LOCATION INFORMATION

10. QtrQtr: NENW Sec: 36 Twp: 5N Rng: 67W Meridian: 6Latitude: 40.361520 Longitude: -104.843740Footage at Surface: 633 FNL/FSL 2015 FEL/FWL FNL FWL11. Field Name: Wattenberg Field Number: 9075012. Ground Elevation: 4887 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: FNL/FSL \_\_\_\_\_ FEL/FWL \_\_\_\_\_ Bottom Hole: FNL/FSL \_\_\_\_\_ FEL/FWL \_\_\_\_\_

1310 FNL 2540 FWL 1310 FNL 2540 FWLSec: 36 Twp: 5N Rng: 67W Sec: 36 Twp: 5N 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: 615 ft18. Distance to nearest property line: 662 ft 19. Distance to nearest well permitted/completed in the same formation: 854 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	E2NW4, W2NE4
Niobrara-Codell	NB-CD	407	160	E2NW4, W2NE4

21. Mineral Ownership:  Fee  State  Federal  Indian Lease #: 81-6923-S

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

25. Distance to Nearest Mineral Lease Line: 1310 ft 26. Total Acres in Lease: 640

### 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	8,045	200	8,045	

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

33. Comments No conductor casing will be used

34. Location ID: 328056

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
400024864	OIL & GAS LEASE	BERNHARDT SEC 36 LEASE.pdf
400024865	MULTI-WELL PLAN	BERNHARDT STATE 3 PAD.pdf
400024866	DRILLING PLAN	BERNHARDT STATE 21-36 DIRECTINAL.pdf
400024867	WELL LOCATION PLAT	BERNHARDT STATE 21-36 PLAT.pdf
400024868	PROPOSED SPACING UNIT	BERNHARDT STATE 21-36 SPACING MAP.pdf
400024869	TOPO MAP	BERNHARDT STATE 21-36 Topo.pdf
400024870	30 DAY NOTICE LETTER	BERNHARDT STATE NOTICE LETTER.pdf

Total Attach: 7 Files