

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



DE	ET	OE	ES
----	----	----	----

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:

400031890

Plugging Bond Surety

20010124

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: 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/FSL FNL 1990 FEL/FWL 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: FNL/FSL 1411 FNL 2380 FEL 1411 FNL 2380 FEL
 Bottom Hole: FNL/FSL 1411 FNL 2380 FEL
 Sec: 1 Twp: 4N Rng: 67W Sec: 1 Twp: 4N Rng: 67W
16. 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: _____

API NUMBER 05 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.

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