

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:

400182068

Plugging Bond Surety

19980020

**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: CHESAPEAKE OPERATING INC 4. COGCC Operator Number: 16660  
5. Address: P O BOX 18496  
City: OKLAHOMA CITY State: OK Zip: 73154-0496  
6. Contact Name: LINDSEY MELOTT Phone: (405)935-8323 Fax: (405)849-8323  
Email: LINDSEY.MELOTT@CHK.COM  
7. Well Name: EICHHEIM 18-9-66 Well Number: 1H  
8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_  
9. Proposed Total Measured Depth: 11559

**WELL LOCATION INFORMATION**

10. QtrQtr: SESE Sec: 18 Twp: 9N Rng: 66W Meridian: 6  
Latitude: 40.740606 Longitude: -104.812576

Footage at Surface: 405 feet FNL/FSL FSL 660 feet FEL/FWL FEL

11. Field Name: WILDCAT Field Number: 99999  
12. Ground Elevation: 5286.1 13. County: WELD

14. GPS Data:

Date of Measurement: 06/22/2011 PDOP Reading: 2.3 Instrument Operator's Name: PAUL ORME

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

Footage at Top of Prod Zone: FNL/FSL 949 FSL 662 FEL 600 FEL/FWL 660 FEL 600  
Bottom Hole: FNL/FSL 600 FNL 660 FEL 600  
Sec: 18 Twp: 9N Rng: 66W Sec: 18 Twp: 9N 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: 211 ft

18. Distance to nearest property line: 405 ft 19. Distance to nearest well permitted/completed in the same formation: 1500 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.)
NIOBRARA	NBRR	535-2	640	ALL

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 Bond ☐ \$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):  
ALL SECTION 18-9N-66W

25. Distance to Nearest Mineral Lease Line: \_\_\_\_\_ 405 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 28 or 29 are yes, is this location in a sensitive area (Rule 901.e)? ☐ Yes ☒ No

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	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
CONDUCTOR	24	16		0	80		80	0
SURF	12+1/4	9+5/8	40	0	1,100	352	1,100	
1ST	8+3/4	4+1/2	11.6	0	11,559	1,958	11,559	

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

33. Comments \_\_\_\_\_

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: LINDSEY MELOTT

Title: SUPERVISOR-REG COMP Date: 7/6/2011 Email: LINDSEY.MELOTT@CHK.CO

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: 7/28/2011

#### API NUMBER

05 123 34080 00

Permit Number: \_\_\_\_\_ Expiration Date: 7/27/2013

#### 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 Bo Brown at e-mail bo.brown@state.co.us.
- 2) Comply with Rule 317.i and provide cement coverage from TVD to a minimum of 200' above Niobrara. 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.

### **Attachment Check List**

Att Doc Num	Name
400182068	FORM 2 SUBMITTED
400182096	WELL LOCATION PLAT
400182098	DEVIATED DRILLING PLAN

Total Attach: 3 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>

Total: 0 comment(s)

### **BMP**

<b><u>Type</u></b>	<b><u>Comment</u></b>

Total: 0 comment(s)