

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  COMMINGLE

Refiling   
Sidetrack

Document Number:

400213207

PluggingBond SuretyID

19980020

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: SETH SANDERS Phone: (405)935-2567 Fax: (405)849-2567  
Email: seth.sanders@chk.com

7. Well Name: MCFARLIN 14-9-66 Well Number: 1H

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

9. Proposed Total Measured Depth: 11926

### WELL LOCATION INFORMATION

10. QtrQtr: SESE Sec: 14 Twp: 9N Rng: 66W Meridian: 6

Latitude: 40.740240 Longitude: -104.736381

Footage at Surface: 250 feet FSL 660 feet FEL

11. Field Name: WILDCAT Field Number: 99999

12. Ground Elevation: 5215.5 13. County: WELD

#### 14. GPS Data:

Date of Measurement: 08/21/2011 PDOP Reading: 2.2 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 \_\_\_\_\_ FEL/FWL \_\_\_\_\_ Bottom Hole: FNL/FSL \_\_\_\_\_ FEL/FWL \_\_\_\_\_  
815 FSL 671 FEL 600 FNL 660 FEL  
Sec: 14 Twp: 9N Rng: 66W Sec: 14 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: 250 ft

18. Distance to nearest property line: 250 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 5171 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#: 20000041

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 Sec 14-9N-66W

25. Distance to Nearest Mineral Lease Line: 600 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

If 28, 29, or 30 are "Yes" a pit permit may be required.

Method:  Land Farming  Land Spreading  Disposal Facility Other: RELIABLE SERVICES

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	1,460	459	1,460	0
1ST	8+3/4	5+1/2	17#	0	7,139	454	7,139	
1ST LINER	8+3/4	4+1/2	11.6#	7139	11,926	1,152	11,926	

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: SETH SANDERS

Title: REGULATORY COMPL. ANALYST Date: 10/10/2011 Email: seth.sanders@chk.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: David S. Nesline Director of COGCC Date: 11/6/2011

<b>API NUMBER</b>
05 123 34669 00

Permit Number: \_\_\_\_\_ Expiration Date: 11/5/2013

**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 Jim Precup via e-mail at jim.precup@state.co.us.
- 2) Comply with Rule 317.i and provide cement coverage from the end of the production casing to a minimum of 200' above the Niobrara. Verify coverage with a cement bond log.
- 3) Comply with Rule 321. Run and submit Directional Survey from the end of production casing 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
2481230	SURFACE CASING CHECK
400213207	FORM 2 SUBMITTED
400213213	DEVIATED DRILLING PLAN
400213214	DRILLING PLAN
400213215	WELL LOCATION PLAT

Total Attach: 5 Files

### General Comments

User Group	Comment	Comment Date
Permit	Final review complete	11/1/2011 10:36:36 AM
Permit	Exception location not required. Opr corrected dist to lease line. Ready to pass pending public comment 11/1/11.	10/18/2011 3:32:15 PM
Permit	On hold for opr to supply exception location request and waiver.	10/17/2011 1:19:31 PM

Total: 3 comment(s)

### BMP

Type	Comment

Total: 0 comment(s)