

**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:  
400228157

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: RC LAND INC 14-8-67 Well Number: 1H

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

9. Proposed Total Measured Depth: 11516

**WELL LOCATION INFORMATION**

10. QtrQtr: NWNE Sec: 14 Twp: 8N Rng: 67W Meridian: 6  
Latitude: 40.668276 Longitude: -104.856389

Footage at Surface: \_\_\_\_\_ feet FNL/FSL \_\_\_\_\_ feet FEL/FWL \_\_\_\_\_ feet  
FNL 1980 FEL

11. Field Name: WILDCAT Field Number: 99999

12. Ground Elevation: 5296.7 13. County: WELD

14. GPS Data:  
Date of Measurement: 10/18/2011 PDOP Reading: 2.5 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 \_\_\_\_\_  
824 FNL 1981 FEL 600 FSL 1980 FEL  
Sec: 14 Twp: 8 Rng: 67 Sec: 14 Twp: 8 Rng: 67

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: 264 ft

18. Distance to nearest property line: 250 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 2589 ft

**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):

NWNE Sec 14-8N-67W; SHL Oil and Gas Lease NE/4

25. Distance to Nearest Mineral Lease Line: 600 ft 26. Total Acres in Lease: 160

### 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+1/16			0	80		80	0
SURF	12+1/4	9+5/8	40	0	1,250	396	1,250	0
1ST	8+3/4	5+1/2	17	0	6,734	546	6,734	
1ST LINER	8+3/4	4+1/2	11.6	6734	11,516	1,151	11,516	

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: 12/1/2011 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: 12/27/2011

API NUMBER

05 123 34875 00

Permit Number: \_\_\_\_\_ Expiration Date: 12/26/2013

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 at 303-469-1902 or e-mail at james.precup@state.co.us
- 2) Comply with Rule 317.i and provide cement coverage 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
400228157	FORM 2 SUBMITTED
400228244	WELL LOCATION PLAT
400228266	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>
Permit	Final Review Completed. No LGD or public comment received.	12/27/2011 10:01:05 AM
Permit	Changed distance to nearest Mineral lease from 250' to 600' per operator.	12/9/2011 1:51:22 PM
Permit	Total Acres in Lease changed from 640 to 160 per operator. Okay to pass pending public comment 12/23/11.	12/7/2011 9:53:24 AM
Permit	ON HOLD: Requesting confirmation of Leased Acres. Total Acres in Lease: 640. Lease Description: SHL O&G lease is NE/4.	12/7/2011 9:05:38 AM
Permit	Operator input mineral lease description. The form has passed completeness.	12/2/2011 8:36:56 AM
Permit	Returned to draft. Missing mineral lease description.	12/2/2011 7:38:34 AM

Total: 6 comment(s)

**BMP**

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

Total: 0 comment(s)