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Document Number:
 400210237
 PluggingBond SuretyID
 19980020

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

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: HEIBY 18-8-66 Well Number: 1H
 8. Unit Name (if appl): _____ Unit Number: _____
 9. Proposed Total Measured Depth: 10875

WELL LOCATION INFORMATION

10. QtrQtr: NWNW Sec: 18 Twp: 8N Rng: 66W Meridian: 6
 Latitude: 40.666837 Longitude: -104.828527
 Footage at Surface: 676 feet FNL 609 feet FWL
 11. Field Name: WILDCAT Field Number: 99999
 12. Ground Elevation: 5245 13. County: WELD

14. GPS Data:
 Date of Measurement: 09/07/2011 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: 1251 FNL 614 FWL Bottom Hole: 600 FSL 654 FWL
 Sec: 18 Twp: 8N Rng: 66W Sec: 18 Twp: 8N 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: 1214 ft
 18. Distance to nearest property line: 609 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 6864 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#: _____
 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 18-8N-66W

25. Distance to Nearest Mineral Lease Line: 609 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	1,000	322	1,000	0
1ST	8+3/4	5+1/2	17#	0	6,575	532	6,535	
2ND	8+3/4	4+1/2	11.6#	6575	10,875	1,054	10,875	

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 COMP. ANALYST Date: 9/30/2011 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: _____ 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
400210237	FORM 2 SUBMITTED
400210254	WELL LOCATION PLAT
400210257	DRILLING PLAN
400210259	DEVIATED DRILLING PLAN

Total Attach: 4 Files

General Comments

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

Total: 0 comment(s)

BMP

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

Total: 0 comment(s)