

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:
400181753
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: LOVELAND 12-9-67 Well Number: 1H

8. Unit Name (if appl): _____ Unit Number: _____

9. Proposed Total Measured Depth: 11872

WELL LOCATION INFORMATION

10. QtrQtr: SESW Sec: 12 Twp: 9N Rng: 67W Meridian: 6
Latitude: 40.755197 Longitude: -104.841738

Footage at Surface: 270 feet FSL 1980 feet FWL

11. Field Name: WILDCAT Field Number: 99999

12. Ground Elevation: 5342.7 13. County: WELD

14. GPS Data:

Date of Measurement: 06/22/2011 PDOP Reading: 2.4 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 _____
850 FSL 1981 FWL 600 FNL 1980 FWL
Sec: 12 Twp: 9N Rng: 67W Sec: 12 Twp: 9N Rng: 67W

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: 3386 ft

18. Distance to nearest property line: 270 ft 19. Distance to nearest well permitted/completed in the same formation: 3500 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

IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.

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 12-9N-67W
25. Distance to Nearest Mineral Lease Line: 270 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: _____
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
SURF	12+1/4	9+5/8	40	0	1,200	381	1,200	0
1ST	8+3/4	4+1/2	11.6	0	11,872	1,995	11,872	

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-REGULATORY COM 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: 7/27/2011

API NUMBER 05 123 34046 00	Permit Number: _____ Expiration Date: <u>7/26/2013</u>
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CONDITIONS OF APPROVAL, IF ANY: _____

IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.

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
1771268	SURFACE CASING CHECK
400181753	FORM 2 SUBMITTED
400181989	DRILLING PLAN
400181990	PLAT

Total Attach: 4 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Received corrected top of zone. changed to 850'FSL & 1981' FWL per operator.	7/27/2011 4:00:48 PM
Permit	Requesting corrected top of zone. must be 600' from unit boundary per spacing order 535-2.	7/27/2011 3:04:15 PM

Total: 2 comment(s)

BMP

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

Total: 0 comment(s)