

APPLICATION FOR PERMIT TO:

1. **Drill,** Deepen, Re-enter, Recomplete and Operate

2. TYPE OF WELL

OIL GAS COALBED OTHER LATERAL

SINGLE ZONE MULTIPLE COMMINGLE

Refiling
Sidetrack

Document Number:
400187368

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: LINDSEY MELOTT Phone: (405)935-8323 Fax: (405)849-8323
Email: LINDSEY.MELOTT@CHK.COM

7. Well Name: THOMAS RANCH 9-10-67 Well Number: 1H

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

9. Proposed Total Measured Depth: 12346

WELL LOCATION INFORMATION

10. QtrQtr: SWSW Sec: 9 Twp: 10N Rng: 67W Meridian: 6
Latitude: 40.841212 Longitude: -104.903158

Footage at Surface: 15 feet FSL 709 feet FWL

11. Field Name: WILDCAT Field Number: 99999

12. Ground Elevation: 5615.3 13. County: WELD

14. GPS Data:
Date of Measurement: 05/25/2011 PDOP Reading: 1.9 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

600 FSL 705 FWL 600 FNL 709 FWL

Sec: 9 Twp: 10N Rng: 67W Sec: 9 Twp: 10N 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: 739 ft

18. Distance to nearest property line: 15 ft 19. Distance to nearest well permitted/completed in the same formation: 2100 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):

W/2 AND SE/2

25. Distance to Nearest Mineral Lease Line: 15 ft 26. Total Acres in Lease: 64

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 FIELD

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	1,200	381	1,200	0
1ST	8+3/4	4+1/2	11.6	0	12,358	2,041	12,358	0

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

33. Comments _____

34. Location ID: 418467

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: 7/20/2011 Email: LINDSEY.MELOTT@CHK.

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: 8/21/2011

API NUMBER
05 123 34219 01

Permit Number: _____ Expiration Date: 8/20/2013

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 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
400187368	FORM 2 SUBMITTED
400187385	DEVIATED DRILLING PLAN
400187387	WELL LOCATION PLAT

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	surface/mineral owner is fee/fee per operator. corrected form 2A.	8/9/2011 11:12:56 AM
Permit	Requesting confirmation that surface is fee. Form 2A shows state surface.	7/27/2011 10:31:40 AM
Permit	Changed distance to nearest permitted/completed well from 30' to 2100' per operator.	7/26/2011 10:47:52 AM
Permit	Request confirmation of distance to nearest permitted/completed well.	7/25/2011 3:39:20 PM

Total: 4 comment(s)

BMP

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

Total: 0 comment(s)