

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



DE	ET	OE	ES
Document Number: 400206308			
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: Christy Keith Phone: (405)935-7539 Fax: (405)849-7539
Email: christy.keith@chk.com
7. Well Name: State 7-62-36 Well Number: 1H
8. Unit Name (if appl): _____ Unit Number: _____
9. Proposed Total Measured Depth: 10086

WELL LOCATION INFORMATION

10. QtrQtr: NW NW Sec: 36 Twp: 7N Rng: 62W Meridian: 6
Latitude: 40.536329 Longitude: -104.277302

Footage at Surface: 659 feet FNL 659 feet FWL
11. Field Name: Wildcat Field Number: 99999
12. Ground Elevation: 4777 13. County: WELD

14. GPS Data:

Date of Measurement: 07/29/2011 PDOP Reading: 2.6 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
1232 FNL 659 FWL 600 FSL 659 FWL
Sec: 36 Twp: 7N Rng: 62W Sec: 36 Twp: 7N Rng: 62W

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: 634 ft

18. Distance to nearest property line: 660 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1067 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		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. 36-7N-62W

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
SURF	12+1/4	9+5/8	36	0	512	300	512	0
1ST	8+3/4	7	23	0	5,767	175	5,767	5,082
2ND	6	4+1/2	11.6	0	10,086	356	10,086	

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

33. Comments CHESAPEAKE ACQUIRED THIS WELL FROM ANTELOPE. THIS WELL WAS ORIGINALLY PERMITTED AS A VERTICAL WELL AND CHESAPEAKE WOULD LIKE TO DRILL AND COMPLETE THIS WELL AS A HORIZONTAL.

34. Location ID: 420169

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: Christy Keith

Title: Regulatory Comp Analyst Date: 9/20/2011 Email: christy.keith@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. Noshin

Director of COGCC Date: 10/16/2011

API NUMBER

05 123 32486 01

Permit Number: _____ Expiration Date: 10/15/2013

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) 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
400206308	FORM 2 SUBMITTED
400206765	WELL LOCATION PLAT
400206941	DEVIATED DRILLING PLAN
400206942	DRILLING PLAN

Total Attach: 4 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	No LGD or public comment received; final review completed.	10/11/2011 6:35:10 AM
Permit	Notified SLB	10/11/2011 6:34:47 AM
Engineer	Entered surface and intermediate casing information from the Form 5. Bottom of intermediate casing in the sidetrack is the KOP.	10/4/2011 2:31:51 PM
Permit	This well was originally permitted as a vertical and drilled by Antelope Energy. Chesapeake Operating is going to sidetrack this well and drill a horizontal.	10/4/2011 1:47:06 PM

Total: 4 comment(s)

BMP

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

Total: 0 comment(s)