

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: 400204214			
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)849-7538  
Email: christy.keith@chk.com  
7. Well Name: State 7-61-16 Well Number: 1H  
8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_  
9. Proposed Total Measured Depth: 10157

WELL LOCATION INFORMATION

10. QtrQtr: SESE Sec: 16 Twp: 7N Rng: 61W Meridian: 6  
Latitude: 40.569361 Longitude: -104.205668

Footage at Surface: 659 feet FNL/FSL 660 feet FEL/FWL FEL

11. Field Name: Wildcat Field Number: 99999  
12. Ground Elevation: 4978 13. County: WELD

14. GPS Data:

Date of Measurement: 08/01/2011 PDOP Reading: 2.2 Instrument Operator's Name: DARREN VEAL

15. If well is ☐ Directional ☒ Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL 1232 FSL 654 FEL 600 FNL 660 FEL 600  
Bottom Hole: FNL/FSL 600 FNL 660 FEL 600  
Sec: 16 Twp: 7N Rng: 61W Sec: 16 Twp: 7N Rng: 61W

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: 660 ft

18. Distance to nearest property line: 659 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 5280 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 #: 8425.5

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 16-7N-61W

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	612	339	612	0
1ST	8+3/4	7	23	0	5,837	175	5,837	5,200
2ND	6+1/8	4+1/2	11.6	0	10,157	388	10,157	

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

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

34. Location ID: 420176

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: 9/13/2011 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. Neslin

Director of COGCC Date: 10/9/2011

#### API NUMBER

05 123 32487 01

Permit Number: \_\_\_\_\_ Expiration Date: 10/8/2013

#### 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
400204214	FORM 2 SUBMITTED
400204226	WELL LOCATION PLAT
400204227	DEVIATED DRILLING PLAN
400204856	SURFACE OWNER CONSENT

Total Attach: 4 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	This well is a sidetrack and therefore requires a sundry notice detailing the sidetrack and a wellbore diagram.	9/27/2011 2:25:20 PM
Engineer	Entered surface and intermediate casing information from the Form 5. Bottom of intermediate casing in the sidetrack is the KOP.	9/27/2011 1:16:12 PM
Permit	This well was drilled as a verticle well by Antelope Energy. Chesapeake is side-tracking to complete a horizontal well.	9/16/2011 10:25:49 AM

Total: 3 comment(s)

### **BMP**

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

Total: 0 comment(s)