

FORM  
2

Rev  
12/05

State of Colorado  
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

400332503

Date Received:

10/01/2012

PluggingBond SuretyID

20120011

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: NIGHTHAWK PRODUCTION LLC

4. COGCC Operator Number: 10399

5. Address: 1805 SHEA CENTER DR #290

City: HIGHLANDS State: CO Zip: 80129  
RANCH

6. Contact Name: KYLA VAUGHAN Phone: (505)326-2107 Fax: ()

Email: kvaughan@ltenv.com

7. Well Name: JOHN CRAIG Well Number: 11-2

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

9. Proposed Total Measured Depth: 8400

WELL LOCATION INFORMATION

10. QtrQtr: NESW Sec: 2 Twp: 10S Rng: 56W Meridian: 6

Latitude: 39.206170 Longitude: -103.633220

Footage at Surface: 1980 feet FNL/FSL FSL 1980 feet FEL/FWL  
FSL FWL

11. Field Name: WILDCAT Field Number: 99999

12. Ground Elevation: 5262 13. County: LINCOLN

14. GPS Data:

Date of Measurement: 09/30/2008 PDOP Reading: 1.9 Instrument Operator's Name: ROBERT J RUBINO

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

Sec: Twp: Rng: Sec: Twp: Rng:

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: 9193 ft

18. Distance to nearest property line: 1980 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1271 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.)
ATOKA	ATOK			
CHEROKEE	CHRK			
KEYES	KEYES			
LANSING	LNSNG			
MARMATON	MRTN			
MORROW	MRRW			
SPERGEN	SPGN			
WARSAW	WRSW			

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 OF SECTION 2, T10S, R56W (PLUS ADDITIONAL, SEE ATTACHED EXHIBIT A)

25. Distance to Nearest Mineral Lease Line: 1980 ft 26. Total Acres in Lease: 5157

### 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: BACKFILL WHEN DRY

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	8+5/8	24	0	300	197	300	0
1ST	7+7/8	5+1/2	17	0	8,400	574	8,400	3,649

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

33. Comments NO CONDUCTOR CASING WILL BE USED.

34. Location ID: 413944

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: KYLA VAUGHAN

Title: AGENT FOR NIGHTHAWK PROD. Date: 10/1/2012 Email: KVAUGHAN@LTENV.COM

Operator must have a valid water right or permit allowing for industrial use or purchased water from a seller that has a valid water right or permit allowing for industrial use, otherwise an application for a change in type of use is required under Colorado law. Operator must also use the water in the location set forth in the water right decree or well permit, otherwise an application for a change in place of use is required under Colorado law. Section 37-92-103(5), C.R.S. (2011).

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: Matthew Lee Director of COGCC Date: 10/31/2012

**API NUMBER**

05 073 06379 00

Permit Number: \_\_\_\_\_ Expiration Date: 10/30/2014

**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 48 hour notice of MIRU via electronic Form 42.
- 2) If production casing is set provide cement coverage to at least 200' above shallowest completed interval (200' above Cherokee at a minimum), and stage cement Cheyenne/Dakota interval (4870'-4250' minimum). Run and submit CBL to verify all cemented intervals.
- 3) If well is a dry hole set plugs at the following depths: 40 sks cement +/- 50' above the Cherokee, 40 sks cement across any DST w/ show, 40 sks cement 100' below Cheyenne (4870' up), 40 sks cement 50' above top of Dakota (4250' up), 50 sks cement from 50' below surface casing shoe up into surface casing, 15 sks cement in top of surface casing, cut 4 ft below GL, weld on plate, 5 sks cement each in rat hole and mouse hole.

**Attachment Check List**

Att Doc Num	Name
400332503	FORM 2 SUBMITTED
400332507	PROPOSED BMPs
400332509	LEGAL/LEASE DESCRIPTION
400333623	WELL LOCATION PLAT

Total Attach: 4 Files

**General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	Final review completed.	10/31/2012 3:12:33 PM
Permit	We resolved the permit issue. The County permit was submitted and approved. per John DeWitt.	10/31/2012 3:11:57 PM
Permit	Operator indicated that this well will be drilled it the first quarter of 2013. Operater also indicated that they have addressed the special use permits mentioned in comments by the LGD.	10/31/2012 10:35:03 AM
Permit	LGD filed comments. COGCC should contact LGD.	10/29/2012 6:34:32 AM
Permit	This refile changes the distance to another well completed from the previous 2A.	10/29/2012 6:30:58 AM
Permit	Original location was inspected in June 2012. Original for 2A will expire 4/29/2013 location still active.	10/26/2012 3:19:12 PM
LGD	Operator did not permit well with County Land Use Office	10/22/2012 1:41:05 PM
Permit	This well is a refile of an abandoned location. Location was built but not drilled on. Location was inspected an found to be unsatisfactory. Operator has chosen to repermit rather than abandonment.	10/11/2012 5:57:19 AM
Permit	Operator attached well location plat. This form passed completion.	10/4/2012 7:20:42 PM
Permit	Return to draft: 1. Well location plat is not attached.	10/3/2012 1:21:59 PM

Total: 10 comment(s)

**BMP**

<b><u>Type</u></b>	<b><u>Comment</u></b>
Construction	SEE ATTACHED

Total: 1 comment(s)