

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:

400324482

Date Received:

09/13/2012

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 LLC4. COGCC Operator Number: 103995. 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.COM7. Well Name: WILLIAMS Well Number: 14-22

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

9. Proposed Total Measured Depth: 8100

WELL LOCATION INFORMATION

10. QtrQtr: SESW Sec: 22 Twp: 14S Rng: 56W Meridian: 6Latitude: 38.809600 Longitude: -103.656980

Footage at Surface: 600 feet FNL/FSL 1710 feet FEL/FWL FWL

11. Field Name: WILDCAT Field Number: 9999912. Ground Elevation: 5293 13. County: LINCOLN

14. GPS Data:

Date of Measurement: 07/04/2010 PDOP Reading: 1.7 Instrument Operator's Name: ROBERT J. RUBINO15. 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 ☒ No17. Distance to the nearest building, public road, above ground utility or railroad: 600 ft18. Distance to nearest property line: 600 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1477 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.)
MARMATON	MRTN			
MISSISSIPPIAN	MSSP			
PENNSYLVANIAN	PENN			

21. Mineral Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian Lease #: _____22. Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian23. 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):

W1/2, SECTION 22, TOWNSHIP 14S, RANGE 56W (PLUS ADDITIONAL)

25. Distance to Nearest Mineral Lease Line: 600 ft

26. Total Acres in Lease: 800

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	9+5/8	36	0	810	400	810	0
1ST	7+7/8	5+1/2	17	0	8,100	660	8,100	3,200

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

33. Comments NO CONDUCTOR CASING WILL BE USED.

34. Location ID: 419371

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

Date: 9/13/2012

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: 10/14/2012

API NUMBER

05 073 06426 00

Permit Number: _____ Expiration Date: 10/13/2014

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 prior to spud via electronic Form 42.
- 2) If production casing is set provide cement coverage to at least 200' above the shallowest completed interval (200' above Atoka at a minimum) and cement Cheyenne/Dakota interval (3950'-3350' minimum). Run and submit CBL to verify.
- 3) If well is a dry hole set plugs at the following depths: 40 sks cement +/- 50' above the Atoka, 40 sks cement +/- 50' above any DST w/ show, 40 sks cement at 3950' up, 40 sks cement at 3350' 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
400324482	FORM 2 SUBMITTED
400324495	PROPOSED BMPs

Total Attach: 2 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Final review completed; no LGD or public comment received.	10/9/2012 8:09:35 AM
Permit	Operator revised lease description.	10/5/2012 12:55:38 PM
Permit	On-hold waiting for lease clarification. Well appears to be in an illegal location.	9/17/2012 8:51:28 AM
Permit	No changes have been made from the previously approved Form 2. Form 2A expires 1n Sept./2013.	9/17/2012 8:20:31 AM
Permit	FYI: Mineral lease attached to original APD matches Question No. 25, but not description provided in Question No. 23.	9/15/2012 10:58:06 AM

Total: 5 comment(s)

BMP

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

Total: 1 comment(s)