

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:

400371910

Date Received:

07/30/2013

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)635-5669 Fax: ()

Email: KVAUGHAN@LTENV.COM

7. Well Name: JOHN CRAIG Well Number: 1-2

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

9. Proposed Total Measured Depth: 8800

WELL LOCATION INFORMATION

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

Latitude: 39.211790 Longitude: -103.623950

Footage at Surface: 1222 feet FNL/FSL FNL 665 feet FEL/FWL FEL

11. Field Name: OLD HOMESTEAD Field Number: 60634

12. Ground Elevation: 5267 13. County: LINCOLN

14. GPS Data:

Date of Measurement: 12/04/2012 PDOP Reading: 3.7 Instrument Operator's Name: KEITH WESTFALL

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: 4522 ft

18. Distance to nearest property line: 665 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1420 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.)
ARBUCKLE	ABCK			
ATOKA	ATOK			
CHEROKEE	CHRK			
LANSING-KANSAS CITY	LGKC			
MARMATON	MRTN			
MORROW	MRRW			
SPERGEN	SPGN			
WARSAW	WRSW			
WOLFCAMP	WFCMP			

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):
SEC 2, T10S, R56W: LOTS 1,2,3,4, S1/2N1/2, S1/2 (ALL) ; PLUS ADDITIONAL, SEE ATTACHED EXHIBIT A

25. Distance to Nearest Mineral Lease Line: 665 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	8800	599	8800	3649

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

33. Comments NO CONDUCTOR CASING WILL BE USED.

34. Location ID: _____

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: 7/30/2013 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: 8/28/2013

API NUMBER

05 073 06549 00

Permit Number: _____ Expiration Date: 8/27/2015

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.

COA Type

Description

	1) Provide 48 hour notice prior to spud via electronic Form 42. 2) Set at least 400' of surface casing for aquifer protection. (WW Permit # 0050414-MH, gs~5240, SS@260'-280'). 3) If production casing is set provide cement coverage to at least 200' above the shallowest completed interval or 200' above Marmaton whichever is shallower and cement across Cheyenne/Dakota interval: (4700'-4150' minimum). Run and submit CBL to verify cemented intervals. 4) If well is a dry hole set plugs at the following depths: 40 sks cement +/- 50' above the Morrow, 40 sks cement +/- 50' above the Marmaton, 40 sks cement +/- 50' above any DST w/ show, 40 sks cement at 4700' up, 40 sks cement at 4150' 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.
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Attachment Check List

Att Doc Num

Name

400371910	FORM 2 SUBMITTED
400371945	PROPOSED BMPs
400378693	WELL LOCATION PLAT
400378694	TOPO MAP

Total Attach: 4 Files

General Comments

User Group

Comment

Comment Date

Permit	Final review completed; no public comment received.	8/28/2013 8:22:53 AM
Engineer	Asked operator to confirm they meant no "conductor casing" will be used rather than no "surface casing" on line 33 comments. Operator confirmed.	8/22/2013 1:51:39 PM
LGD	County Permit #1358	3/1/2013 8:57:52 AM

Total: 3 comment(s)

Best Management Practices

No BMP/COA Type

Description

1	Construction	SEE ATTACHED
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Total: 1 comment(s)