

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:

400410792

Date Received:

## 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

PluggingBond SuretyID

20120011

3. Name of Operator: NIGHTHAWK PRODUCTION LLC

4. COGCC Operator Number: 10399

5. Address: 1805 SHEA CENTER DR #290

City: HIGHLANDS RANCH State: CO Zip: 80129

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

Email: KVAUGHAN@LTENV.COM

7. Well Name: BIG SKY Well Number: 4-11

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

9. Proposed Total Measured Depth: 8600

## WELL LOCATION INFORMATION

10. QtrQtr: NWNW Sec: 11 Twp: 6S Rng: 54W Meridian: 6

Latitude: 39.548770 Longitude: -103.414600

Footage at Surface: \_\_\_\_\_ feet FNL/FSL \_\_\_\_\_ feet FEL/FWL \_\_\_\_\_ feet FNL \_\_\_\_\_ feet FWL \_\_\_\_\_ feet

11. Field Name: WILDCAT Field Number: 99999

12. Ground Elevation: 5193 13. County: LINCOLN

### 14. GPS Data:

Date of Measurement: 12/21/2012 PDOP Reading: 2.5 Instrument Operator's Name: KEITH WESTFALL

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

Footage at Top of Prod Zone: \_\_\_\_\_ feet FNL/FSL \_\_\_\_\_ feet FEL/FWL Bottom Hole: \_\_\_\_\_ feet FNL/FSL \_\_\_\_\_ feet 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: 615 ft

18. Distance to nearest property line: 615 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1380 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			
MISSISSIPPIAN	MSSP			
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 11, T6S, R54W: W/2

25. Distance to Nearest Mineral Lease Line: \_\_\_\_\_ 615 ft \_\_\_\_\_ 26. Total Acres in Lease: \_\_\_\_\_ 320 \_\_\_\_\_

### 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	8,600	584	8,600	3,619

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

33. Comments Nighthawk drilled to 6193', started out of the hole to chg BH assembly around when the top drive on the rig had some mechanical problems. We could not circulate the well for over an hour. Once the top drive issue was resolved, we tried to continue to trip out and were stuck. We backed off and tripped in with fishing tools and attempted to fish for two days w/no success and then the bit became plugged and this resulted in NH making the decision to back off at 5650', leave the BHA in the hole and initiate a plug back & sidetrack in order to drl this well to original BHL. See attached KOP plan. Verbal/email approval for plug back and sidetrack was given by Dirk Sutphin @ 9:08 on 04/29/2013.

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 Prod.

Date: \_\_\_\_\_

Email: kvaughan@ltenv.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: \_\_\_\_\_ Director of COGCC Date: \_\_\_\_\_

**API NUMBER**

05 073 06523 01

Permit Number: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

**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.

Date retrieval failed for the subreport 'ImpBeliev\_NTC' located at: W:\ectpub\Net\Reports\believ\_etc.rpt. Please check th

**Attachment Check List**

Att Doc Num	Name
400410799	OTHER
400410840	PROPOSED BMPs

Total Attach: 2 Files

**General Comments**

User Group	Comment	Comment Date

Total: 0 comment(s)

**BMP**

Type	Comment
Construction	See Attached

Total: 1 comment(s)