

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:

400337206

Date Received:

06/06/2013

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 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: JOLLY RANCH Well Number: 16-19

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

9. Proposed Total Measured Depth: 8400

## WELL LOCATION INFORMATION

10. QtrQtr: SESE Sec: 19 Twp: 12S Rng: 55W Meridian: 6Latitude: 38.984100 Longitude: -103.594060

Footage at Surface: 910 feet FNL/FSL 1078 feet FEL/FWL FEL

11. Field Name: JOLLY RANCH Field Number: 4264012. Ground Elevation: 5259 13. County: LINCOLN

## 14. GPS Data:

Date of Measurement: 09/25/2012 PDOP Reading: 2.9 Instrument Operator's Name: KEITH WESTFALL15. 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: 4391 ft18. Distance to nearest property line: 910 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 8962 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):  
 Section 19: Lot 1 (39.01), Lot 2 (39.24), Lot 3 (39.47), Lot 4 (39.70), E2W2, E2 (ALL) Section 18: Lot 3 (38.79), Lot 4 (38.86), E2SW, SE (S2)

25. Distance to Nearest Mineral Lease Line: 910 ft 26. Total Acres in Lease: 955

### 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  
 Method: ☐ Land Farming ☐ Land Spreading ☐ Disposal Facility Other: BACKFILL WHEN DRY

**If 28, 29, or 30 are "Yes" a pit permit may be required.**

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	400	197	400	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 SURFACE 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 PROD Date: 6/6/2013 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: 7/21/2013

#### API NUMBER

05 073 06545 00

Permit Number: \_\_\_\_\_ Expiration Date: 7/20/2015

#### 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.

- 1) Provide 48 hour notice prior to spud via electronic Form 42.
- 2) Set at least 400' of surface casing for aquifer protection.
- 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: (4550'-3800' minimum). Proposed cement interval of 8400'-3649' is acceptable. 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 4550' up, 40 sks cement at 3800' 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.

### **Applicable Policies and Notices to Operators**

Notice Concerning Operating Requirements for Wildlife Protection.

### **Attachment Check List**

Att Doc Num	Name
400337206	FORM 2 SUBMITTED
400342347	WELL LOCATION PLAT
400342348	TOPO MAP
400342350	PROPOSED BMPs
400429963	SURFACE AGRMT/SURETY

Total Attach: 5 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	Final review completed; no public comment received.	7/15/2013 5:55:14 AM
LGD	County Permit #1348	3/7/2013 2:56:23 PM
Permit	This form has passed completeness.	6/7/2013 11:49:13 AM

Total: 3 comment(s)

### **BMP**

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

Total: 1 comment(s)