

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:

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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

20120060

3. Name of Operator: PRONGHORN OPERATING LLC

4. COGCC Operator Number: 10422

5. Address: 8400 E PRENTICE AVENUE #1000

City: GREENWOOD State: CO Zip: 80111  
 VILLAGE

6. Contact Name: Jake Flora Phone: (720)988-5375 Fax: ()

Email: jakeflora@kfrcorp.com

7. Well Name: Hanavan Well Number: 1

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

9. Proposed Total Measured Depth: 5800

## WELL LOCATION INFORMATION

10. QtrQtr: NWNW Sec: 21 Twp: 13S Rng: 44W Meridian: 6

Latitude: 38.911910 Longitude: -102.349900

Footage at Surface: 610 feet FNL/FSL FNL 610 feet FEL/FWL  
 FNL FWL

11. Field Name: SMOKY CREEK Field Number: 77560

12. Ground Elevation: 4262 13. County: CHEYENNE

## 14. GPS Data:

Date of Measurement: 05/29/2013 PDOP Reading: 1.8 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: 32400 ft

18. Distance to nearest property line: 610 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1263 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			

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#: 2012012123a. If 23 is Yes: Is the Surface Owner(s) signature on the lease? ☐ Yes ☒ No23b. 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):

W/2 NW/4, E/2 SW/4, E/2, Sec 21 13S 44W 6th PM

25. Distance to Nearest Mineral Lease Line: 610 ft

26. Total Acres in Lease: 480

### 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: DRY & BURY

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	17+1/2	13+3/8	54	0	400	300	400	0
1ST	12+1/4	8+5/8	24	0	1,700	100	1,700	1,250
2ND	7+7/8	5+1/2	15.5	0	5,800	150	5,800	4,600
S.C. 2.1					2,500	200	2,500	1,000

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

33. Comments No conductor casing will be set. A port collar for stage cement will be run on the 5.5" casing to cement the Cheyenne & Dakota per APD requirements.

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: Jake Flora

Title: Petroleum Engineer Date: \_\_\_\_\_ Email: jakeflora@kfrcorp.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

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.

Data retrieval failed for the subreport 'IntPolicy\_MTO' located at: W:\Inetpub\NetReports\policy\_mto.rdl. Please check the

### Attachment Check List

Att Doc Num	Name
400439460	PLAT
400439466	MINERAL LEASE MAP

Total Attach: 2 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)

### BMP

<u>Type</u>	<u>Comment</u>

Total: 0 comment(s)