

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:

400345395

Date Received:

11/11/2012

PluggingBond SuretyID

20120060

## 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: 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: Jacob Flora Phone: (720)988-5375 Fax: ()

Email: jakeflora@kfrcorp.com

7. Well Name: UPRR Well Number: 14-5

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

9. Proposed Total Measured Depth: 5565

## WELL LOCATION INFORMATION

10. QtrQtr: SWSW Sec: 5 Twp: 14s Rng: 44w Meridian: 6

Latitude: 38.858100 Longitude: -102.367460

Footage at Surface: 660 feet FNL/FSL FSL 665 feet FEL/FWL  
 FSL FWL

11. Field Name: Cheyenne Wells Field Number: 11050

12. Ground Elevation: 4301 13. County: CHEYENNE

## 14. GPS Data:

Date of Measurement: 10/19/2012 PDOP Reading: 3.1 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: 660 ft

18. Distance to nearest property line: 660 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 2623 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.)
LANSING	LNSNG			
MISSISSIPPIAN	MSSP			
TOPEKA	TOPK			

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):

ALL, 5, 14s, 44w

25. Distance to Nearest Mineral Lease Line: 660 ft

26. Total Acres in Lease: 640

### 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	15	10+3/4	32.75	0	274	275	274	0
1ST	7+7/8	5+1/2	15.5	0	5,565	150	5,565	4,600
S.C. 1.1							2,450	1,750
S.C. 1.2							450	225
			Stage Tool		4,250	150	4,250	3,400

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

33. Comments No conductor casing is in place.

34. Location ID: 380119

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: Jacob Flora

Title: Petroleum Engineer Date: 11/11/2012 Email: jakeflora@kfrcorp.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: 12/6/2012

#### API NUMBER

05 017 06018 00

Permit Number: \_\_\_\_\_ Expiration Date: 12/5/2014

#### 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 of spud via electronic Form 42.
- 2) Cement production casing from TD to at least 200' above shallowest completed interval or 200' above Shawnee whichever is shallower. Stage cement from 2450'-1750' (Cheyenne-Dakota) and 450' to 50' above surface casing. Run CBL to verify.
- 3) If well is a dry hole set the following plugs: 40 sks cement 50' above MSSP, 40 sks cement 50' above SHWNE 40 sks cement above any DST w/ show, 40 sks cement 50' below base of Cheyenne (2450' up), 40 sks cement 50' above top of Dakota (1750' up), 40 sks cement at 450', 40 sks cement from 50' below surface casing shoe up into surface casing, 10 sks cement in top of surface csg, cut 4 ft below GL, weld on plate, 5 sks cement 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
400345395	FORM 2 SUBMITTED
400345398	SURFACE AGRMT/SURETY
400345399	MINERAL LEASE MAP
400345400	LOCATION DRAWING
400345401	HYDROLOGY MAP
400345402	ACCESS ROAD MAP
400345403	PLAT
400345406	NRCS MAP UNIT DESC
400345407	LOCATION PICTURES
400345408	LOCATION PICTURES
400345411	WELLBORE DIAGRAM
400345768	TOPO MAP

Total Attach: 12 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 LGD or public comment received.	12/6/2012 7:30:01 AM
Permit	The well location falls within an area that potentially may have measureable levels of H2S gas.	11/16/2012 10:45:46 AM
Permit	Operator verified 640 acre lease.	11/14/2012 8:50:00 AM
Permit	Requested verification that Pronghorn has a 640 acre lease or leases totaling 640 acres.	11/14/2012 6:15:22 AM
Permit	operator completed all question/line nos.; provided conductor casing comment; confirmed SUA information and attached topo map to open. This form passed completeness.	11/13/2012 7:16:13 PM
Permit	Return to draft: 1. The following question/line nos. are incomplete: 16, 17, 18, 19, 20, 21, 22, 22b., 23, 24, 25; 2. conductor casing information is incomplete; if no conductor casing is used then this must be noted in operator comments section; 3. SUA attached indicates a different operator and location does not match plat or mineral lease; 4. topo map does not open.	11/12/2012 2:09:01 PM

Total: 6 comment(s)

## BMP

Type

Comment

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Total: 0 comment(s)