

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:

2516387

Date Received:

12/21/2012

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 VILLAGE State: CO Zip: 80111

6. Contact Name: ZANE KUENZLER Phone: (720)261-2019 Fax: (303)220-07955

Email: ZANEKUENZLER@KFCORP.COM

7. Well Name: BABY DOE Well Number: 1

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

9. Proposed Total Measured Depth: 5850

WELL LOCATION INFORMATION

10. QtrQtr: SWNE Sec: 10 Twp: 13S Rng: 46W Meridian: 6

Latitude: 38.935150 Longitude: -102.545240

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

11. Field Name: WILDCAT Field Number: 99999

12. Ground Elevation: 4494.83 13. County: CHEYENNE

14. GPS Data:

Date of Measurement: 10/18/2012 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: _____ 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: 1800 ft

18. Distance to nearest property line: 1961 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1434 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 KANSAS CITY	LGKC			
MARMATON	MRTN			
MISSISSIPPIAN	MSSP			
SHAWNEE	SHWNE			

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):

ALL: SECTION 10, T13S R46W, 6TH PM.

25. Distance to Nearest Mineral Lease Line: 1961 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 and Burial in Pit

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	61	0	410	410	410	0
1ST	7+7/8	5+1/2	15.5	0	5,850	100	5,850	5,100
S.C. 1.1					4,600	100	4,600	3,900
			Stage Tool		2,760	100	2,760	2,070

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

33. Comments STAGE TOOLS WILL BE RUN FOR CEMENT TO PROTECT POSSIBLY PRODUCTIVE SHAWNEE ZONE, AND THE WATER RESOURCES IN THE CHEYENNE AND DAKOTA FORMATIONS. No conductor to be used as surface casing will be cemented to surface.

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: ZANE KUENZLER

Title: PRESIDENT Date: 11/20/2012 Email: ZANEKUENZLER@KFRCORP.

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: 1/25/2013

API NUMBER
05 017 07738 00

Permit Number: _____ Expiration Date: 1/24/2015

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) If production casing is set provide cement coverage to at least 200' above the shallowest completed interval and stage cement Cheyenne/Dakota (2760'-2070' minimum). Run and submit CBL to verify cemented intervals.
- 3) If well is a dry hole set plugs at the following depths: 40 sks cement +/- 50' above the Mississippian, 40 sks cement +/- 50' above the Pennsylvanian, 40 sks cement across any DST w/ show, 40 sks cement at 2760' up, 40 sks cement at 2070' 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
2485069	SURFACE CASING CHECK
2516387	FORM 2 SUBMITTED
2516388	WELL LOCATION PLAT
2516389	LOCATION DRAWING
2516390	TOPO MAP
2516391	MINERAL LEASE MAP
2516392	30 DAY NOTICE LETTER
2516393	WAIVERS

Total Attach: 8 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Final Review	Changed waste disposal info per operator on Form 2A.	1/25/2013 9:39:52 AM
Permit	Final review completed; no LGD or public comment received.	1/23/2013 3:24:08 PM
Permit	Changed distance to another well to the distance to the planned Molly Brown #1.	12/31/2012 6:35:19 AM
Permit	operator provided corrections and authorization to amend form 2. This form passed completeness. from: Zane Kuenzler to: "Reckles - DNR, Nikki" date: Thu, Dec 27, 2012 at 1:13 AM subject: Re: RTD: Document Nos. 2516387	12/30/2012 10:47:24 PM
Permit	Return to draft: 1. plugging surety bond # is incomplete, 2. surface surety bond # is incomplete. 3. conductor casing info incomplete; if no conductor casing is used this must be noted in op. comments.	12/24/2012 9:00:44 PM
Data Entry	CASING: STAGE CEMENT 1ST STRING IS BEING USED FOR STAGE TOOL - SAME STRING NAMES NOT ALLOWED FOR SUBMISSION.	12/24/2012 10:31:25 AM

Total: 6 comment(s)

BMP

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

Total: 0 comment(s)