

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:

400427001

Date Received:

06/09/2013

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: Jake Flora Phone: (720)988-5375 Fax: ()

Email: jakeflora@kfrcorp.com

7. Well Name: Mull UPRC-Hanavan Well Number: 1

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

9. Proposed Total Measured Depth: 5503

WELL LOCATION INFORMATION

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

Latitude: 38.900950 Longitude: -102.345010

Footage at Surface: 667 feet FNL/FSL 1982 feet FEL/FWL FWL

11. Field Name: SMOKY CREEK Field Number: 77560

12. Ground Elevation: 4215 13. County: CHEYENNE

14. GPS Data:

Date of Measurement: 05/14/2013 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: 667 ft

18. Distance to nearest property line: 667 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1392 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 Indian

23. Is the Surface Owner also the Mineral Owner? Yes No Surface Surety ID#: 20120121

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):

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

25. Distance to Nearest Mineral Lease Line: 667 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	397	225	397	0
1ST	7+7/8	5+1/2	15.5	0	5,503	150	5,503	4,400
S.C. 1.1					2,500	200	2,500	1,400

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

33. Comments This is a re-entry. The original wellbore was drilled & abandoned 8/30/1992 and has 13-3/8" surface casing set to 397'. The proposed re-entry will drill out the existing abandonment cement plugs and wash down the original wellbore to 5503', run and cement 5.5" production casing to 5503'. No H2S is expected.

34. Location ID: 381055

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: 6/9/2013 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

05 017 07323 00

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_NTC' located at: W:\Instrub\Net\Reports\policy_ntc.rdl. Please check th

Attachment Check List

Att Doc Num	Name
400427001	FORM 2 SUBMITTED
400430810	MINERAL LEASE MAP
400430811	WELL LOCATION PLAT
400434167	WELLBORE DIAGRAM

Total Attach: 4 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Returned to draft: 1) #30 should be "NO". 2) Operator should submit form 4 (sundry) with wellbore diagram for re-entry.	6/14/2013 9:12:05 AM
Permit	Right to construct is still not filled in.	6/10/2013 12:01:47 PM
Permit	The well location falls within an area that potentially may have measureable levels of H2S gas.	6/10/2013 6:26:17 AM

Total: 3 comment(s)

BMP

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

Total: 0 comment(s)