

FORM

2

Rev
12/05

State of Colorado

Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



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Document Number:

400017989

Plugging Bond Surety

APPLICATION FOR PERMIT TO:

1. ☐ Drill, ☐ Deepen, ☐ Re-enter, ☒ **Recomplete and Operate**

2. TYPE OF WELL

OIL ☐ GAS ☒ COALBED ☐ OTHER _____
 SINGLE ZONE ☐ MULTIPLE ZONE ☒ COMMINGLE ZONE ☒

Refiling ☐Sidetrack ☐3. Name of Operator: HRM RESOURCES LLC4. COGCC Operator Number: 102735. Address: 410 17TH ST STE 1200City: DENVER State: CO Zip: 802026. Contact Name: Andy Peterson Phone: (970)669-7411 Fax: (970)669-4077Email: andy.peterson@petersonenergy.com7. Well Name: Kortum Well Number: 1-21

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

9. Proposed Total Measured Depth: _____

WELL LOCATION INFORMATION

10. QtrQtr: CNW Sec: 21 Twp: 1S Rng: 67W Meridian: 6Latitude: 39.953920 Longitude: -104.898420

Footage at Surface: 1321 FNL/FSL FNL 1322 FEL/FWL FWL

11. Field Name: Wattenberg Field Number: 9075012. Ground Elevation: 5256 13. County: ADAMS

14. GPS Data:

Date of Measurement: 12/07/2009 PDOP Reading: 2.4 Instrument Operator's Name: Larry Robbins15. 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: 1322 ft18. Distance to nearest property line: 1321 ft 19. Distance to nearest well permitted/completed in the same formation: 2672 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.)
Codell	CODL	407-66	80	N/2 NW
Niobrara	NBRR	407	80	N/2 NW

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 Bon ☐ \$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):
T1S-R67W, Section 21: NW/4

25. Distance to Nearest Mineral Lease Line: 1321 ft 26. Total Acres in Lease: 160

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 27 or 28 are yes, is this location in a sensitive area (Rule 903)? ☐ Yes ☒ No If 28, 29, or 30 are "Yes" a pit permit may be required.

31. Mud disposal: ☒ Offsite ☐ Onsite

Method: ☒ Land Farming ☐ Land Spreading ☐ Disposal Facility Other: _____

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	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
SURF	12+1/4	8+5/8	24	1,511	720	1,511	0
1ST	7+7/8	4+1/5	11.6	8,655	215	8,655	7,250
			Stage Tool	5,964	275	5,964	4,750

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

33. Comments Recomplete / Perforate the Codell, SUA on File, No Surface Disturbance

34. Location ID: 320501

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: Andy Peterson

Title: V.P. of Operations Date: _____ Email: andy.peterson@petersonenerg

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

05 001 09485 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.

Attachment Check List

Att Doc Num	Name	Doc Description
400020841	OTHER	Notice of Recompletion- Castrodale.pdf
400020842	OTHER	Notice of Recompletion- Kortum.pdf
400020844	OTHER	Notice of Recompletion- Mail Receipts.pdf

Total Attach: 3 Files