


<b>FORM</b> <b>2</b> Rev 12/05	<b>State of Colorado</b> <b>Oil and Gas Conservation Commission</b> 1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">DE</td> <td style="width: 25%;">ET</td> <td style="width: 25%;">OE</td> <td style="width: 25%;">ES</td> </tr> </table>	DE	ET	OE	ES
DE	ET	OE	ES				
<b>APPLICATION FOR PERMIT TO:</b>			Document Number:  400126094  Plugging Bond Surety  20090029				
1. <input checked="" type="checkbox"/> <b>Drill,</b> <input type="checkbox"/> Deepen, <input type="checkbox"/> Re-enter, <input type="checkbox"/> Recomplete and Operate							
2. TYPE OF WELL OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> COALBED <input type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/> COMMINGLE ZONE <input checked="" type="checkbox"/>		Refiling <input type="checkbox"/> Sidetrack <input type="checkbox"/>					
3. Name of Operator: <u>HRM RESOURCES LLC</u>		4. COGCC Operator Number: <u>10273</u>					
5. Address: <u>555 17TH STREET #950</u> City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>							
6. Contact Name: <u>Terry Hoffman</u> Phone: <u>(303)250.0619</u> Fax: <u>(303)412.8212</u> Email: <u>tlhoffman@q.com</u>							
7. Well Name: <u>Fritzler</u>		Well Number: <u>0-2-21</u>					
8. Unit Name (if appl): _____		Unit Number: _____					
9. Proposed Total Measured Depth: <u>7335</u>							
<b>WELL LOCATION INFORMATION</b>							
10. QtrQtr: <u>SW NW</u> Sec: <u>21</u> Twp: <u>6N</u> Rng: <u>66W</u> Meridian: <u>6</u> Latitude: <u>40.476240</u> Longitude: <u>-104.790570</u>							
Footage at Surface: <u>1706</u> feet    FNL/FSL <u>FNL</u> <u>518</u> feet    FEL/FWL <u>FWL</u>							
11. Field Name: <u>Bracewell</u>		Field Number: <u>7487</u>					
12. Ground Elevation: <u>4746</u>		13. County: <u>WELD</u>					
14. GPS Data: Date of Measurement: <u>11/23/2010</u> PDOP Reading: <u>1.4</u> Instrument Operator's Name: <u>Brian Brinkman</u>							
15. If well is <input checked="" type="checkbox"/> Directional <input type="checkbox"/> Horizontal (highly deviated) <b>submit deviated drilling plan.</b> Footage at Top of Prod Zone: FNL/FSL <u>1321</u> FNL <u>50</u> FWL <u>1321</u> FNL <u>50</u> FWL <u>1321</u> FNL <u>50</u> FWL <u>1321</u> Bottom Hole: FNL/FSL <u>1321</u> FNL <u>50</u> FWL <u>1321</u> FNL <u>50</u> FWL <u>1321</u> FNL <u>50</u> FWL <u>1321</u> Sec: <u>21</u> Twp: <u>6N</u> Rng: <u>66W</u> Sec: <u>21</u> Twp: <u>6N</u> Rng: <u>66W</u>							
16. Is location in a high density area? (Rule 603b)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
17. Distance to the nearest building, public road, above ground utility or railroad: <u>530 ft</u>							
18. Distance to nearest property line: <u>518 ft</u> 19. Distance to nearest well permitted/completed in the same formation: <u>468 ft</u>							
<b>20. LEASE, SPACING AND POOLING INFORMATION</b>							
Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)			
Niobrara-Codell	NB-CD	381-5	160	GWA			

**IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.**

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#: 20080120

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):  
Section 21-T6N-R66W: W/2 NW/4

25. Distance to Nearest Mineral Lease Line: 50 ft 26. Total Acres in Lease: 80

**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

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	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
SURF	12+1/4	8+5/8	24	0	650	450	650	0
1ST	7+7/8	4+1/2	11.6	0	7,335	140	7,335	6,735

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

33. Comments Conductor will not be set on this well. All footages 5280' are 1 mile or greater. Proposed GWA Unit Configuration for NB-CD: Section 21-T6N-R66W: W/2 NW/4; & Section 20-T6N-R66W: E/2 NE/4 ;

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: Terry L. Hoffman

Title: Permit Agent Date: 2/15/2011 Email: tlhoffman@q.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: David S. Neslin Director of COGCC Date: 3/31/2011

**API NUMBER**

05 123 33273 00

Permit Number: \_\_\_\_\_ Expiration Date: 3/30/2013

**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 24 hour notice of MIRU to Ed Binkley at 970-506-9834 or e-mail at ed.binkley@state.co.us
- 2) Comply with Rule 317.i and provide cement coverage from TD to a minimum of 200' above Niobrara. Verify coverage with cement bond log.
- 3) Run and submit Directional Survey from TD to base of surface casing. The operator shall comply with Rule 321, and it shall be the operator's responsibility to ensure that the wellbore complies with setback requirements in commission orders or rules prior to producing the well.

### **Attachment Check List**

Att Doc Num	Name
1693859	PROPOSED SPACING UNIT
400126094	FORM 2 SUBMITTED
400126998	30 DAY NOTICE LETTER
400126999	PLAT
400133189	WAIVERS
400133191	EXCEPTION LOC WAIVERS
400133281	WAIVERS
400133282	DEVIATED DRILLING PLAN

Total Attach: 8 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	Received 20 day Certification and proposed spacing unit. plg.	3/2/2011 11:47:44 AM
Permit	ON HOLD. Need 20 day Certification and proposed spacing unit plat for A.e infill location. Requested from operator. PVG	2/25/2011 10:14:45 AM

Total: 2 comment(s)

### **BMP**

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

Total: 0 comment(s)