

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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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

Refilling   
Sidetrack

Document Number:  
400112082  
Plugging Bond Surety  
20070019

3. Name of Operator: ORR ENERGY LLC 4. COGCC Operator Number: 10154

5. Address: 1813 61ST AVE STE 200  
City: GREELEY State: CO Zip: 80634

6. Contact Name: Virginia Lopez Phone: (303)928-7128 Fax: (303)423-8765  
Email: virginia@petro-fs.com

7. Well Name: Hall Well Number: 25-33D

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

9. Proposed Total Measured Depth: 7700

WELL LOCATION INFORMATION

10. QtrQtr: SW/SE Sec: 25 Twp: 6N Rng: 67W Meridian: 6  
Latitude: 40.452678 Longitude: -104.838943

Footage at Surface: 716 feet <sup>FNL/FSL</sup> FSL 1802 feet <sup>FEL/FWL</sup> FEL

11. Field Name: LAPOUDRE SOUTH Field Number: 48130

12. Ground Elevation: 4721 13. County: WELD

14. GPS Data:

Date of Measurement: 11/19/2010 PDOP Reading: 6.0 Instrument Operator's Name: Chris Pearson

15. If well is  Directional  Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: <sup>FNL/FSL</sup> 716 <sup>FEL/FWL</sup> FSL 1802 <sup>FEL</sup> FEL Bottom Hole: <sup>FNL/FSL</sup> 2051 <sup>FEL/FWL</sup> FSL 1975 <sup>FEL</sup> FEL  
Sec: 25 Twp: 6N Rng: 67W Sec: 25 Twp: 6N Rng: 67W

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: 406 ft

18. Distance to nearest property line: 151 ft 19. Distance to nearest well permitted/completed in the same formation: 225 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.) |
|------------------------|----------------|-------------------------|-------------------------------|--------------------------------------|
| J Sand                 | JSND           |                         | 80                            | W/2 SE/4                             |
| Niobrara-Codell        | NB-CD          | 407                     | 80                            | W/2 SE/4                             |
| Sussex                 | SUSX           |                         | 80                            | W/2 SE/4                             |

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):  
T6N67W: Sec. 25 SW/NE, W2/SE/4

25. Distance to Nearest Mineral Lease Line: 716 ft 26. Total Acres in Lease: 120

### 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              | 800           | 500          | 800           | 0          |
| 1ST         | 7+7/8        | 4+1/2          | 11.6            | 7,700         | 750          | 7,700         |            |

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

33. Comments No conductor casing will be used.

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: Virginia Lopez

Title: Regulatory Technician Date: \_\_\_\_\_ Email: virginia@petro-fs.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: \_\_\_\_\_

Permit Number: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

**API NUMBER**  
05

**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.

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**Attachment Check List**

| Att Doc Num | Name                   |
|-------------|------------------------|
| 400112717   | DEVIATED DRILLING PLAN |
| 400112719   | TOPO MAP               |
| 400112720   | PLAT                   |
| 400112723   | WAIVERS                |
| 400112757   | EXCEPTION LOC REQUEST  |

Total Attach: 5 Files

**General Comments**

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|-------------------|----------------|---------------------|
|                   |                |                     |

Total: 0 comment(s)

**BMP**

| <u>Type</u> | <u>Comment</u> |
|-------------|----------------|
|             |                |

Total: 0 comment(s)