

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 ☐

Refiling ☐
Sidetrack ☐

Document Number:

1775078

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: CHERYL JOHNSON Phone: (303)928-7128 Fax: (303)423-8765
Email: cheryl@petro-fs.com

7. Well Name: HALL Well Number: 25-33

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

9. Proposed Total Measured Depth: 7700

WELL LOCATION INFORMATION

10. QtrQtr: NWSE Sec: 25 Twp: 6N Rng: 67W Meridian: 6

Latitude: 40.455620 Longitude: -104.838910

Footage at Surface: 1791 FNL/FSL FSL 1788 FEL/FWL FEL

11. Field Name: LAPOUDRE SOUTH Field Number: 48130

12. Ground Elevation: 4748 13. County: WELD

14. GPS Data:

Date of Measurement: 12/04/2009 PDOP Reading: 6.9 Instrument Operator's Name: STEVEN J. STENCEL

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: 1193 ft

18. Distance to nearest property line: 473 19. Distance to nearest well permitted/completed in the same formation: 1341 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.)
JSND-CODL-NIO-SUS	JNCSS		80	W/2SE4

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):
T6NR67W: SEC 25 SW/NE, W2/SE4

25. Distance to Nearest Mineral Lease Line: _____ 474 _____ 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	350	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 #34: LOCATION ID: PENDING

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 L. LOPEZ

Title: REG ANALYST Date: 12/7/2009 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: David S. Nashin Director of COGCC Date: 1/26/2010

API NUMBER

05 123 31080 00

Permit Number: _____ Expiration Date: 1/25/2012

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 and from 200' below Sussex to 200' above Sussex. Verify coverage with cement bond log.

Attachment Check List

Att Doc Num	Name	Doc Description
1769737	SURFACE CASING CHECK	LF@2213981 1769737.00000
1775078	APD ORIGINAL	LF@2198853 1775078
2585211	WELL LOCATION PLAT	LF@2198854 2585211
2585212	TOPO MAP	LF@2198856 2585212
2585213	30 DAY NOTICE LETTER	LF@2198857 2585213
400020402	FORM 2 SUBMITTED	LF@2199553 400020402

Total Attach: 6 Files

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