

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:

400112082

Plugging Bond Surety

20100218

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 FNL/FSL FSL 1802 feet FEL/FWL 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: FNL/FSL 2051 FSL 1802 FEL FEL Bottom Hole: FNL/FSL 2051 FSL 1975 FEL 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	407-366	80	NW/4 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 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):
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	Wt/Ft	Csg/Line Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt 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: 12/2/2010 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: 12/23/2010

API NUMBER

05 123 31080 00

Permit Number: _____ Expiration Date: 12/22/2012

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.
- 3) Comply with Rule 321. Run and submit Directional Survey from TD to base of surface casing. 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
400112082	FORM 2 SUBMITTED
400112717	DEVIATED DRILLING PLAN
400112719	TOPO MAP
400112720	PLAT
400112723	WAIVERS
400112757	EXCEPTION LOC REQUEST

Total Attach: 6 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)