

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:

400036786

Plugging Bond Surety

20070019

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: 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: AG Well Number: 32-31D

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

9. Proposed Total Measured Depth: 7860

WELL LOCATION INFORMATION

10. QtrQtr: NENE Sec: 32 Twp: 6N Rng: 66W Meridian: 6

Latitude: 40.450648 Longitude: -104.795134

Footage at Surface: 459 FNL/FSL FNL 759 FEL/FWL FEL

11. Field Name: Bracewell Field Number: 7487

12. Ground Elevation: 4712 13. County: WELD

14. GPS Data:

Date of Measurement: 01/08/2010 PDOP Reading: 6.0 Instrument Operator's Name: Travis Kraich

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

Footage at Top of Prod Zone: FNL/FSL 665 FNL 2009 FEL FEL Bottom Hole: FNL/FSL 665 FNL 2009 FEL FEL
Sec: 32 Twp: 6N Rng: 66W Sec: 32 Twp: 6N Rng: 66W

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: 280 ft

18. Distance to nearest property line: 179 ft 19. Distance to nearest well permitted/completed in the same formation: 1600 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	UNSPACED	40	NWNE
Niobrara-Codell	NB-CD	381-3	80	N/2NE

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):
NE 1/4 of Section 32

25. Distance to Nearest Mineral Lease Line: 665 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	750	550	750	
1ST	7+7/8	4+1/2	11.6	7,850	650	7,850	

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

33. Comments Application is in a Comprehensive Drilling Plan: NO; E-FORMS does not have a NO checkbox. Surface location is outside the drilling window, waiver attached

34. Location ID: 416310

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: 2/16/2010 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. Neslin Director of COGCC Date: 4/15/2010

API NUMBER

05 123 31456 00

Permit Number: _____ Expiration Date: 4/14/2012

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 Shannon 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	Doc Description
400039280	DEVIATED DRILLING PLAN	LF@2438572 400039280
400039296	PLAT	LF@2438573 400039296
400039344	TOPO MAP	LF@2438574 400039344
400039361	30 DAY NOTICE LETTER	LF@2438575 400039361
400043693	SURFACE AGRMT/SURETY	LF@2438576 400043693
400046913	EXCEPTION LOC REQUEST	LF@2438577 400046913
400046914	EXCEPTION LOC WAIVERS	LF@2438578 400046914
400048078	FORM 2 SUBMITTED	LF@2438579 400048078

Total Attach: 8 Files