

**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:  
400036713  
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

Refilling   
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: 32-41

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

9. Proposed Total Measured Depth: 7950

**WELL LOCATION INFORMATION**

10. QtrQtr: NE/NE Sec: 32 Twp: 6N Rng: 66W Meridian: 6  
Latitude: 40.450604 Longitude: -104.795177

Footage at Surface: \_\_\_\_\_ FNL/FSL \_\_\_\_\_ FEL/FWL \_\_\_\_\_  
475 FNL 771 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 \_\_\_\_\_ 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: 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.)
Codell	CODL	381-5	80	N/2NE
Dakota-Lakota	DK-LK	UNSPACED	40	NENE
J Sand	JSND	UNSPACED	40	NENE
Niobrara	NBRR	381-5	80	N/2NE
Sussex	SUSX	UNSPACED	40	NENE

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#: 0

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: 444 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	7,900	650	7,900	

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

33. Comments Application is not in a Comprehensive Drilling Plan. E-Forms does not give the option of a NO checkbox.

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: 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. Nashin Director of COGCC Date: 4/1/2010

**API NUMBER**  
05 123 31346 00

Permit Number: \_\_\_\_\_ Expiration Date: 3/30/2012

**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.

### **Attachment Check List**

Att Doc Num	Name	Doc Description
1770101	SURFACE CASING CHECK	LF@2437913 1770101
400038327	PLAT	LF@2428366 400038327
400038332	TOPO MAP	LF@2428367 400038332
400038335	30 DAY NOTICE LETTER	LF@2428368 400038335
400043690	SURFACE AGRMT/SURETY	LF@2428369 400043690
400043696	FORM 2 SUBMITTED	LF@2428370 400043696

Total Attach: 6 Files