

FORM
2

Rev
12/05

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



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Date Received:

06/19/2013

PluggingBond SuretyID

20120033

APPLICATION FOR PERMIT TO:

1. ☒ Drill, ☐ Deepen, ☐ Re-enter, ☐ Recomplete and Operate

2. TYPE OF WELL

OIL ☒ GAS ☐ COALBED ☐ OTHER _____
SINGLE ZONE ☒ MULTIPLE ☐ COMMINGLE ☐

Refiling ☐

Sidetrack ☒

3. Name of Operator: ENDEAVOUR OPERATING CORPORATION

4. COGCC Operator Number: 10411

5. Address: 1125 17TH STREET #1525

City: DENVER State: CO Zip: 80202

6. Contact Name: Terry Hoffman Phone: (720)542-8287 Fax: ()

Email: terry@rockymountainpermitting.com

7. Well Name: Wiley Well Number: 23-3-97-1

8. Unit Name (if appl): Wiley Unit Unit Number: COC75390X

9. Proposed Total Measured Depth: 15000

WELL LOCATION INFORMATION

10. QtrQtr: SWSE Sec: 23 Twp: 3N Rng: 97W Meridian: 6

Latitude: 40.209787 Longitude: -108.241080

Footage at Surface: 950 feet FNL/FSL 1402 feet FEL/FWL FEL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 6022.3 13. County: RIO BLANCO

14. GPS Data:

Date of Measurement: 12/18/2012 PDOP Reading: 1.2 Instrument Operator's Name: K. Stewart

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

Footage at Top of Prod Zone: FNL/FSL 61 FNL 654 FEL 1765 FSL 1214 FEL 1214
Sec: 26 Twp: 3N Rng: 97W Sec: 26 Twp: 3N Rng: 97W

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: 5280

18. Distance to nearest property line: 1796 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 5280 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.)
FRONTIER	FRTR			

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):

See attached "Lease Description"- PLEASE NOTE: this well is inside a Federal Unit. However, there are three 40 acre parcels in Section 26-3N-R97W that are unleased minerals (see Survey Plat). The listed lease line distance of 445' would indicate an Exception Location (less than 600' to the nearest lease line). The TD of this well is 445' from the nearest lease line, but when completed, the bottom of the producing zone will be further than 600' from the nearest lease line. Cement will be placed in the 6" hole from TD to the top of producing zone (which will end up being more than 600' from the nearest lease line).

25. Distance to Nearest Mineral Lease Line: 445 ft 26. Total Acres in Lease: 3757

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 28 or 29 are yes, is this location in a sensitive area (Rule 901.e)? ☐ Yes ☒ No

31. Mud disposal: ☐ Offsite ☒ Onsite

If 28, 29, or 30 are "Yes" a pit permit may be required.

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/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
CONDUCTOR	20	16	75	0	80	75	80	0
SURF	14+3/4	9+5/8	36	0	3,000	894	3,000	0
1ST	8+3/4	7	32	0	11,487	258	11,487	8,987
1ST LINER	6	4+1/2	13.5	10200	15,000	368	15,000	10,200

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

33. Comments Footages listed as 5280' are greater than one (1) mile. This lateral is being sidetracked off of a directional pilot hole. The directional pilot hole will be drilled, tested and plugged back. The lateral will then be sidetracked off of the directional pilot hole.

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: Terry L. Hoffman

Title: Permit Agent Date: 6/19/2013 Email: terry@rockymountainpermitting.

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: _____

API NUMBER

05 103 11954 00

Permit Number: _____ Expiration Date: _____

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.

Data retrieval failed for the subreport 'IntPolicy_NTO' located at: W:\Instrub\Net\Reports\policy_nto.rdl. Please check th

Attachment Check List

Att Doc Num	Name
400435950	FORM 2 SUBMITTED
400436064	LEGAL/LEASE DESCRIPTION
400436086	DEVIATED DRILLING PLAN
400436090	DIRECTIONAL DATA
400436442	DEVIATED DRILLING PLAN
400436845	PLAT
400437001	SURFACE AGRMT/SURETY

Total Attach: 7 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Returned to draft. Requested operator to submit plat, correct surface and minerals information, and indicate in the comments if this is a sidetrack of an existing well. In addition operator cannot bond on since the minerals under the surface will not be produced.	6/20/2013 6:47:44 AM

Total: 1 comment(s)

BMP

<u>Type</u>	<u>Comment</u>
Storm Water/Erosion Control	<p>Stormwater Management Plans (SWMP) will be in place to address construction, drilling and operations associated with Oil & Gas development throughout the state of Colorado in accordance with Colorado Department of Public Health and Environment (CDPHE). BMP's will be constructed around the perimeter of the site prior to, or at the beginning of construction. The BMP's used will vary according to the location, and will remain in place until the pad reaches final reclamation.</p> <p>Spill Prevention Control and Counter measures (SPCC) plans will be in place to address any possible spills associated with Oil & Gas operations throughout the state of Colorado in accordance with CFR12.</p> <p>Housekeeping will consist of neat and orderly storage of materials and fluids. Wastes will be temporarily stored in sealed containers and regularly collected and disposed of at offsite, suitable facilities. If spills occur prompt cleanup will be required to minimize any commingling of waste materials with stormwater runoff. Routine maintenance will be limited to fueling and lubrication of equipment. Drip pans will be used during routine fueling and maintenance to contain spills or leaks. Any waste product from maintenance will be containerized and transported offsite for disposal or recycling. There will be no major equipment overhauls conducted onsite. Equipment will be transported offsite for major overhauls. Cleanup will consist of patrolling the roadways, access areas, and other work areas to pick up trash, scrap debris, other discarded materials, and any contaminated soil. These materials will be disposed of properly.</p> <p>The above BMP's will be provided to all Endeavour International Corporation, contractors and will be posted in the company trailer located on location during drilling, completion and production operations.</p>

Total: 1 comment(s)