

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



Document Number:

400345066

Date Received:

11/21/2012

PluggingBond SuretyID

20120110

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: TRILOGY RESOURCES LLC

4. COGCC Operator Number: 200184

5. Address: 1151 EAGLE DRIVE #354

City: LOVELAND State: CO Zip: 80537

6. Contact Name: Jeff Reale Phone: (970)669-1338 Fax: (970)667-0046

Email: jeff@mistymountainop.com

7. Well Name: Wind Well Number: 17-14

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

9. Proposed Total Measured Depth: 7477

WELL LOCATION INFORMATION

10. QtrQtr: SESW Sec: 17 Twp: 4N Rng: 67W Meridian: 6

Latitude: 40.307390 Longitude: -104.916750

Footage at Surface: 578 feet FNL/FSL FSL 1770 feet FEL/FWL FWL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4839 13. County: WELD

14. GPS Data:

Date of Measurement: 10/11/2012 PDOP Reading: 2.6 Instrument Operator's Name: C. Vanmatre

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
658 FSL 607 FWL 658 FSL 607 FWL
Sec: 17 Twp: 4N Rng: 67W Sec: 17 Twp: 4N 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: 1740 ft

18. Distance to nearest property line: 712 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 3732 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/Niobrara	NB-CD	407-87	80	W/2 SW/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):

All of the W/2 Section 17, T4N, R67W

25. Distance to Nearest Mineral Lease Line: 712 ft

26. Total Acres in Lease: 320

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
SURF	12+1/4	8+5/8	24	0	660	360	660	0
1ST	7+7/8	4+1/2	11.6	0	7,477	480	7,477	3,000

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

33. Comments No conductor casing will be set

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: Jeff Reale

Title: Agent Date: 11/21/2012 Email: jeff@mistymountainop.com

Operator must have a valid water right or permit allowing for industrial use or purchased water from a seller that has a valid water right or permit allowing for industrial use, otherwise an application for a change in type of use is required under Colorado law. Operator must also use the water in the location set forth in the water right decree or well permit, otherwise an application for a change in place of use is required under Colorado law. Section 37-92-103(5), C.R.S. (2011).

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: Matthew Lee Director of COGCC Date: 12/27/2012

API NUMBER

05 123 36466 00

Permit Number: _____ Expiration Date: 12/26/2014

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.

Operator must meet Water Well Testing requirements as per amended Rule 318Ae(4)

- 1) Submit Form 42 electronically to COGCC 48 hours prior to MIRU.
- 2) Comply with Rule 317.i and provide cement coverage from TD to a minimum of 200' above Niobrara. 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.

Applicable Policies and Notices to Operators

Notice Concerning Operating Requirements for Wildlife Protection.

Attachment Check List

Att Doc Num	Name
400345066	FORM 2 SUBMITTED
400345180	WELL LOCATION PLAT
400345181	TOPO MAP
400345521	SURFACE AGRMT/SURETY
400349322	DIRECTIONAL DATA
400349323	DEVIATED DRILLING PLAN

Total Attach: 6 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Form 2A Doc 400345223 has been approved. Final Review Completed. No LGD or public comment received.	12/27/2012 8:31:18 AM
Permit	Corrected objective production from E/2 SW/4 to W/2 SW/4 as per opr. Ready to pass pending public comment 12/19/12.	12/10/2012 4:21:24 PM
Permit	Operator amended PZL to correlate with plat (658' FSL). This form passed completeness.	11/28/2012 12:27:52 PM
Permit	Return to draft: 1. question #15, PZL (578' FNL) does not match well location plat (578'FSL). operator confirmed lat/long for this well, which is correct per surveyor.	11/26/2012 5:31:29 PM
Permit	Return to draft: 1. question no. 15, PZL (578' FNL) does not match well location plat (578'FSL), 2. operator to confirm lat/long of this well; COGIS mapping plots well ~150 from other Wind Wells at this location.	11/23/2012 1:32:38 PM

Total: 5 comment(s)

BMP

<u>Type</u>	<u>Comment</u>

Total: 0 comment(s)