

MONTANA BOARD OF OIL AND GAS CONSERVATION
2535 ST. JOHNS AVENUE, BILLINGS, MONTANA 59102

Lease Name:

Vaira

Lease Type (Private/State/Federal):

Private/Fed

Application for Permit To:

Drill Deepen Re-enter
Oil Gas Other

Well Number:

4

Operator: White Rock Oil & Gas, LLC.
Address: 5810 Tennyson Parkway, Suite 500
City: Plano State: TX Zip: 75024
Telephone Number: 214-981-1400

Field Name or Wildcat:

Wildcat Richland

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Unit Name (if applicable):

JAN 12 2026

Surface Location of Well (quarter-quarter and footage measurements):
NWNE, Section 23, T25N, R54E, Footages: 365' FNL, 1425' FEL

Objective Formation(s):

Bakken

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Township, Range, and Section:

T25N, R54E, Sec 23

County:

Richland

Elevation (indicate GL or KB):

2249.7 GL

Proposed Total Depth and Bottom-hole Location(s) if directional or horizontal well:
27,434' Measured Depth, 9,639' TVD
SWW2, Sec 5, T24N, R55E, Footages: 200' FSL, 675' FWL

Overlapping Sections 23, 24, 25, 26, 35, 36 All T 25N R 54E

Size and description of drilling/spacing unit and applicable order, if any:

Formation at total depth:

Anticipated Spud Date:

2 sections 5 & 6 All T24N R55E order 279-2025

Bakken

04/01/2026

Hole Size	Casing Size	Weight / Foot	Grade (API)	Depth	Sacks of Cement	Type of Cement
13 1/2	9 5/8	36#	J-55	1,400'	428	see attached
8 3/4	7	32#	HCP-110	11,058'	684	see attached
6	4 1/2	13.5#	P-110	27,434'	997	see attached

Describe Proposed Operations:

Describe or attach labeled diagram of blowout preventer equipment. Indicate if air drilled or describe mud program.

Diagram of blowout preventer is attached. White Rock is proposing to drill the subject well. Please see the required supporting documentation in the attachments.

White Rock is also requesting to not run open hole logs on the subject well.

BOARD USE ONLY

Approved (date) **MAR 27 2026**

Permit Fee **\$150.00**

The undersigned hereby certifies that the information contained on this application is true and correct:

By: *Benjamin J Davis*

Check Number **117887**

Signed (Agent) *[Signature]*

Title **Technical Program Coordinator**

Permit Expires **SEP 27 2026**

Permit Number **33159**

Title **Regulatory Analyst**

THIS PERMIT IS SUBJECT TO THE CONDITIONS OF APPROVAL STATED ON THE BACK

API Number: 25 - **083 - 23545**

Date **01/07/2026**

Telephone Number **214-306-4308**

Samples Required: NONE **X** ALL _____ FROM _____ feet to _____ feet

Core chips to address below, full cores to USGS, Core Laboratory, Arvada, CO. Required samples must be washed, dried and delivered prepaid to:

Montana Board of Oil and Gas Conservation
2535 St. Johns Avenue
Billings, MT 59102

SUPPLEMENTAL INFORMATION

Note: Additional information or attachments may be required by Rule or by special request.

1. Attach a survey plat certified by a registered surveyor. The survey plat must show the location of the well with reference to the nearest lines of an established public survey.
2. Attach an 8 1/2 x 11" photocopy of that portion of a topographic map showing the well location, the access route from county or other established roads, residences, and water wells within a 1/2 mile radius of the well.
3. Attach a sketch of the well site showing the dimensions and orientation of the site, the size and location of pits, topsoil stockpile, and the estimated cut/fill at the corners and centerstake. (Note: the diagram need not be done by an engineer or surveyor). Attach a sketch of a top view and two side views of the reserve pit(s), if utilized. The reserve pit sketch must show the length, width, depth, cut and fill, amount of freeboard, area of topsoil stockpile, and the height and width of berms.
4. Describe the type and amount of material or liner, if any, to be used to seal the reserve pit. If a synthetic liner is used, indicate the liner thickness (mils), bursting strength, tensile strength, tear strength, puncture resistance, hydrostatic resistance, or attach the manufacturer's specifications.
5. Describe the proposed plan for the treatment and/or the disposal of reserve pit fluids and solids after the well is drilled. If the operator intends to dispose of or treat the reserve pit contents off-site, specify the location and the method of waste treatment and disposal. (Note: The operator must comply with all applicable federal, state, county, and local laws and regulations with regard to the handling, transportation, treatment, and disposal of solid wastes.)
6. Does construction of the access road or location, or some other aspect of the drilling operation require additional federal, state, or local permits or authorizations? If yes, indicate the type of permit or authorization required:
 - No additional permits needed
 - 310 Permit (apply through county conservation district)
 - Air quality permit (apply through Montana Department of Environmental Quality)
 - Water discharge permit (apply through Montana Department of Environmental Quality)
 - Water use permit (apply through Montana Department of Natural Resources and Conservation)
 - Solid waste disposal permit (apply through Montana Department of Environmental Quality)
 - State lands drilling authorization (apply through Montana Department of Natural Resources and Conservation)
 - Federal drilling permit (specify agency)
 - Other federal, state, county, or local permit or authorization: (specify type) _____

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NOTICES:

1. Date and time of spudding must be reported to the Board verbally or in writing within 72 hours after the commencement of drilling operations.
2. The operator must give notice of drilling operations to the surface owner as required by Section 82-10-503, MCA, before the commencement of any surface activity.

BOARD USE ONLY

CONDITIONS OF APPROVAL

The operator must comply with the following condition(s) of approval:

SEE ATTACHED
CONDITIONS OF APPROVAL

WARNING: Failure to comply with conditions of approval may void this permit.

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