FORM NO. 22 R 10/09 SUBMIT IN QUADRUPLICATE TO: ARM 36.22.307 ARM 36.22.601

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

Application for Permit To:

Drill ☐ Deepen ☐ Re-enter ☐
Oil ☒ Gas ☐ Other ☐

Operator: Devon Energy Williston, L.L.C.
Address: 14689 Brigham Drive
City: Williston State: North Dakota Zip: 58801
Telephone Number: 701-875-3501

Surface Location of Well (quarter-quarter and footage measurements):
SWSW Section 16, T28N, R59E, 352' FSL & 362' FWL

Proposed Total Depth and Bottom-hole Location(s) if directional or horizontal well:
26,405' MD, 10,239' TVD
SWSE Section 33,T28N, R59E, 204' FSL & 2540' FEL

Lease Name: DART
Lease Type (Private/State/Federal): Private
Well Number: 21-33 2H
Field Name or Wildcat: Wildcat
Unit Name (if applicable): N/A
Objective Formation(s): Middle Bakken
Township, Range, and Section: T28N, R59E, Section 16
County: Roosevelt
Elevation (indicate GL or KB): 2131' GL (Graded)

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Size and description of drilling/spacing unit and applicable order, if any:	Formation at total depth:	Anticipated Spud Date:
1920 acres (Sections 21, 28, & 33) T28N, R59E, Order #~~35-2024~~ 36-2024	Middle Bakken	9/1/2025

Hole Size	Casing Size	Weight / Foot	Grade (API)	Depth	Sacks of Cement	Type of Cement
13 1/2"	9 5/8"	40#	J-55	0' - 2000'	823	Type III
8 3/4"	7"	32#	HCP-110	0' - 10963'	733	Class G
6"	4 1/2"	13.5#	P-110ICY	10164' - 26405'	766	Class G

Describe Proposed Operations:
Describe or attach labeled diagram of blowout preventer equipment. Indicate if air drilled or describe mud program.
See attachments for details.

Devon Energy Williston, L.L.C. requests variance to not run open hole logs on the subject well. Offset logs can be found for the Stateline 11-1314H (API#25085217710000) located SE-SE Sec 33 T28N R59E

BOARD USE ONLY

Approved (date) JUL 23 2025
Original Signed by: Benjamin J. Davis, Tech Program Coordinator
Title
Permit Fee $150.00
Check Number 320349
Permit Expires JAN 23 2026
Permit Number 33054

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

API Number: 25 - 085 - 22089

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

Signed (Agent)
Title Sr. Regulatory Compliance Professional
Date 4/1/2025
Telephone Number 480-415-3245

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

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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:

- [X] 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) _____

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.

Devon Energy Williston, LLC Proposed Well Stimulation

Total Clean Fluid : 23,100,000 gallons
Max Anticipated Treating Pressure: 9800 psi

Hydraulic Fracturing Fluid Components Information Disclosure:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Mass per Component (LBS)	Maximum Ingredient Concentration in HF Fluid (% by mass)**
Water	Operator	Carrier	Carrier	7732-18-5	100.0000%	***192,654,000***	***89.11774%***
Crystalline Silica Quartz	Liberty Oilfield Services	Sand	MSDS and Non-MSDS Ingredients Listed Below				
SFT-592	Innospec	Flowback Additive	MSDS and Non-MSDS Ingredients Listed Below				
DFR-HV8200	Liberty Oilfield Services	Friction reduction	MSDS and Non-MSDS Ingredients Listed Below				
FRS-HV8200	Liberty Oilfield Services	Friction reduction	MSDS and Non-MSDS Ingredients Listed Below				
K-BAC 50510	Italmatch Chemicals	Biocide	MSDS and Non-MSDS Ingredients Listed Below				
SCI-E60	Liberty Oilfield Services	Scale Inhibitor	MSDS and Non-MSDS Ingredients Listed Below				
Liberty Clean Out Fluid	Liberty Oilfield Services	Cleanup Solution	MSDS and Non-MSDS Ingredients Listed Below				
HCL-15	Liberty Oilfield Services	Solvent	MSDS and Non-MSDS Ingredients Listed Below				
The trade name(s) of the additive(s) used, supplier(s), and the purpose(s) of the additive(s) are listed above. The ingredient(s) for the above additive(s) are listed below.							
			Crystalline Silica (quartz)	14808-60-7	98.7314%	***23,226,750***	***10.74421%***
			Aluminum Oxide	1344-28-1	0.9883%	***232,500***	***0.10755%***
			Polyacrylamide	9003-05-8	0.4320%	***101,640***	***0.04702%***
			Water	7732-18-5	0.1389%	***32,673***	***0.01511%***
			Amino trimethylene phosphonic acid (ATMP)	6419-19-8	0.1290%	***30,343***	***0.01404%***
			Diethylenetriamine	111-40-0	0.1290%	***30,343***	***0.01404%***
			Iron Oxide	1309-37-1	0.0988%	***23,250***	***0.01075%***
			Titanium Oxide	13463-67-7	0.0988%	***23,250***	***0.01075%***
			Alkyl Sulfonic Acid Amine Salt	Proprietary	0.0662%	***15,577***	***0.00721%***
			Water	7732-18-5	0.0647%	***15,218***	***0.00704%***
			Diethylene Triamine Penta (methylene Phosphonic Acid) Sodium Salt	22042-96-2	0.0516%	***12,137***	***0.00561%***
			Polyvinylidene chloride (PVDC) resins	25038-72-6	0.0516%	***12,137***	***0.00561%***
			Polyvinylidene chloride (PVDC) resins	9011-06-7	0.0516%	***12,137***	***0.00561%***
			Water	7732-18-5	0.0497%	***11,683***	***0.00540%***
			Methanol	67-56-1	0.0497%	***11,683***	***0.00540%***
			Quaternary ammonium compounds,benzyl-C12-16-alkyldimethyl, chlorides	68424-85-1	0.0182%	***4,288***	***0.00198%***
			Alkyl Sulfonic Acid	Proprietary	0.0149%	***3,505***	***0.00162%***
			Hydrochloric Acid	7647-01-0	0.0114%	***2,686***	***0.00124%***
			Glutaraldehyde	111-30-8	0.0091%	***2,144***	***0.00099%***
			Alcohols, C12-15, ethoxylated	68131-39-5	0.0083%	***1,943***	***0.00090%***
			Ethyl alcohol	64-17-5	0.0052%	***1,225***	***0.00057%***
			Distillate (petroleum), hydrotreated light	64742-47-8	0.0024%	***563***	***0.00026%***
			Triethanolamine	102-71-6	0.0016%	***386***	***0.00018%***
			Ethanolamine	141-43-5	0.0016%	***386***	***0.00018%***
			Oxygenate and paraffinic stream	876065-86-0	0.0003%	***67***	***0.00003%***
			Ethylene Oxide	75-21-8	0.0002%	***39***	***0.00002%***
			C.I. Solvent Yellow 33	8003-22-3	0.0000%	***1***	***0.00000%***