

RECEIVED**JUL 23 2026**

Submit In Quadruplicate To:

**MONTANA BOARD OF OIL AND GAS CONSERVATION
2535 ST. JOHNS AVENUE
BILLINGS, MONTANA 59102****MONTANA BOARD OF OIL &
GAS CONSERVATION • BILLINGS****SUNDRY NOTICES AND REPORT OF WELLS**

Operator MorningStar Operating LLC		Lease Name: Apollo
Address 400 W. 7th Street		Type (Private/State/Federal/Tribal/Allotted): Private
City Fort Worth	State TX	Zip Code 76102
Telephone 817-334-8096	Fax	Well Number: 8-36-2H
Location of well (1/4-1/4 section and footage measurements): SWSE 275' FSL & 2151' FEL (Sec. 8-T24N-R56E)		Unit Agreement Name:
		Field Name or Wildcat: Wildcat Richland
		Township, Range, and Section: Section 8: T24N-R56E
API Number: 25 083 23554 State County Well	Well Type (oil, gas, injection, other): Oil	County: Richland County

Indicate below with an X the nature of this notice, report, or other data:

Notice of Intention to Change Plans	☐	Subsequent Report of Mechanical Integrity Test	☐
Notice of Intention to Run Mechanical Integrity Test	☐	Subsequent Report of Stimulation or Treatment	☐
Notice of Intention to Stimulate or to Chemically Treat	☐	Subsequent Report of Perforation or Cementing	☐
Notice of Intention to Perforate or to Cement	☐	Subsequent Report of Well Abandonment	☐
Notice of Intention to Abandon Well	☐	Subsequent Report of Pulled or Altered Casing	☐
Notice of Intention to Pull or Alter Casing	☐	Subsequent Report of Drilling Waste Disposal	☐
Notice of Intention to Change Well Status	☐	Subsequent Report of Production Waste Disposal	☐
Supplemental Well History	☐	Subsequent Report of Change in Well Status	☐
Other (specify) _____	☐	Subsequent Report of Gas Analysis (ARM 36.22.1222)	☐
	☐	Subsequent Report of Chemical Disclosure	☒

Describe Proposed or Completed Operations:

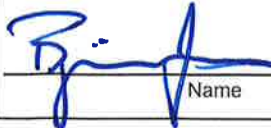
Describe planned or completed work in detail. Attach maps, well-bore configuration diagrams, analyses, or other information as necessary. Indicate the intended starting date for proposed operations or the completion date for completed operations.

Per APD COA requirements, MorningStar Operating LLC respectfully requests approval of the attached pre-job Chemical Disclosure in order to begin frac job.

- Total volume = 17.1 MM gallons

- Maximum anticipated treating pressure is 9,500 psi down 7" 32# P-110 casing (12,460 psi Internal Yield) and 4.5" 13.5# P-110 liner (12,410 psi Int

Attachments: Pre-Job Chemical Disclosure.

BOARD USE ONLY	
Approved JUL 23 2026	Date
	Name
Admin/Reg. Engineer	Title

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

07/15/2026	
Date	Signed (Agent)
Holly Wood, Regulatory Analyst	
Print Name and Title	
Telephone: 817-334-8088	

SUPPLEMENTAL INFORMATION

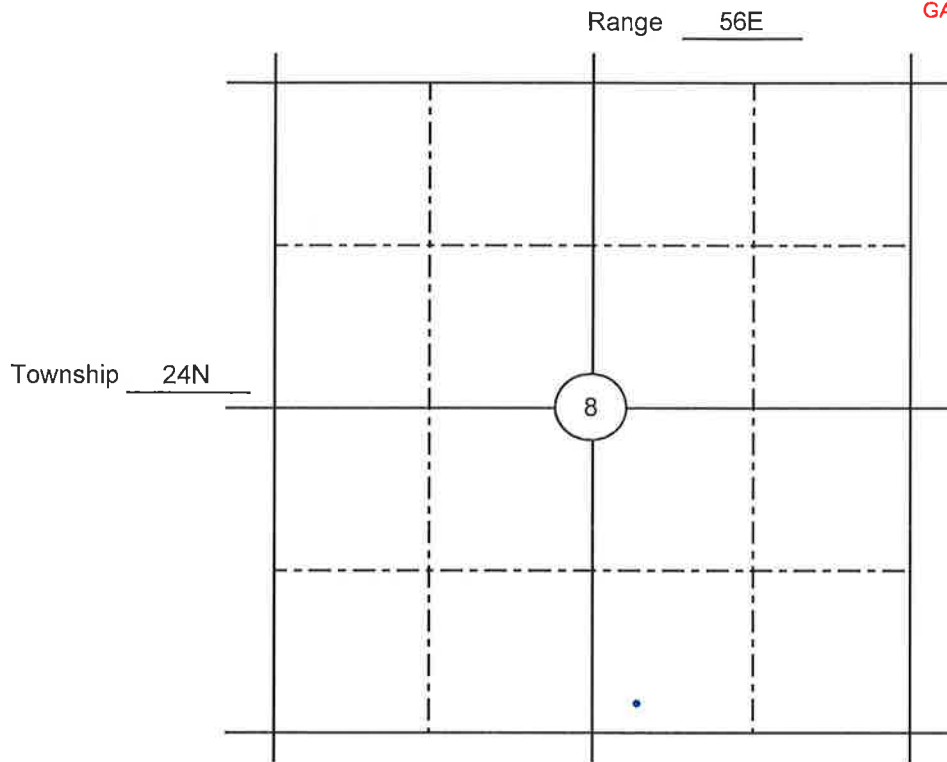
NOTE: Additional information or attachments may be required by Rule or by special request.

Plot the location of the well or site that is the subject of this notice or report.

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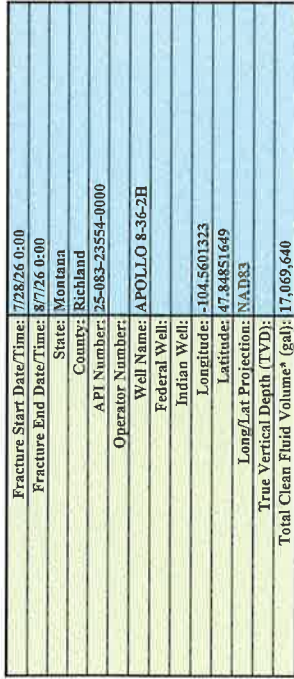
BOARD USE ONLY

CONDITIONS OF APPROVAL

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

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

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[illegible]

Additive	Specific Gravity	Additive Quantity	Mass (lbs)
ACL-410	8.88	100.00	888
BEZ-58	8.92	100.00	892
Crystalline Silica Quartz	(already reported in lbs)	9,135,450.00	9,135,450
DF-36S	8.76	100.00	876
Enviro-Syn HCR-7000-WL	9.22	100.00	922
Enviro-Syn HCR-7000-WL+	9.05	100.00	905
FRP-10S	9.60	100.00	960
FRP-1S	9.17	12,802.00	117,446
FRS-HV8100	12.51	100.00	1,251
FRS-HV8200	8.50	100.00	850
HCL-28	9.50	20,380.00	193,510
HCL-36	9.84	100.00	984
IC-50S	10.33	100.00	1,033
K-BAC 50510	8.84	4,267.00	37,720
K-BAC 50510W	8.43	100.00	843
Liberty Clean Out Fluid	8.16	100.00	816
Produced Brine Water	9.40	100.00	940
Resin Coated Sand / Santrol	(already reported in lbs)	2,673,300.00	2,673,300
SCI-78	8.93	4,267.00	38,113
SCI-78NDW	9.38	100.00	938
SCI-78W	9.06	100.00	906
SCI-78XW	9.21	100.00	921
SFT-592	8.43	2,219.00	18,704
SFT-NE45B	8.23	100.00	823
SFT-NE45BIO	8.72	100.00	872
Soda Ash	(already reported in lbs)	100.00	100
WA-100	8.92	100.00	892
Water	8.34	17,069,640.00	142,360,798
AIL-7	9.76	100.00	976

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)**	Comments
Produced Brine Water	Operator	Carrier	Produced Brine Water	7732-18-5	100.0000%	940	0.00061%	
Water	Operator	Carrier	Water	7732-18-5	100.0000%	142,360.798	92.08591%	
SFT-592	Liberty Energy	Surfactant	MSDS and Non-MSDS Ingredients Listed Below					
SCI-78	Liberty Energy	Scale Inhibitor	MSDS and Non-MSDS Ingredients Listed Below					
Enviro-Syn HCR-7000-WL	Fluid Energy Group	Solvent	MSDS and Non-MSDS Ingredients Listed Below					
DF-36S	Italmatch Chemicals	Defoamer	MSDS and Non-MSDS Ingredients Listed Below					
SCI-78XW	Liberty Energy	Scale Inhibitor	MSDS and Non-MSDS Ingredients Listed Below					
Resin Coated Sand / Santrol	Liberty Energy	Proppant	MSDS and Non-MSDS Ingredients Listed Below					
A11-7	Liberty Energy	Acid Additive Mixture	MSDS and Non-MSDS Ingredients Listed Below					
HCL-36	Liberty Energy	Acid	MSDS and Non-MSDS Ingredients Listed Below					
WA-100	Italmatch Chemicals	Wetting Agent	MSDS and Non-MSDS Ingredients Listed Below					
FRS-HV8200	Liberty Energy	Friction Reducer	MSDS and Non-MSDS Ingredients Listed Below					
FRS-HV8100	Liberty Energy	Friction Reducer	MSDS and Non-MSDS Ingredients Listed Below					
SCI-78NDW	Liberty Energy	Scale Inhibitor	MSDS and Non-MSDS Ingredients Listed Below					
SFT-NE45B	Liberty Energy	Surfactant	MSDS and Non-MSDS Ingredients Listed Below					
Soda Ash	Liberty Energy	Buffer	MSDS and Non-MSDS Ingredients Listed Below					
SFT-NE45B10	Liberty Energy	Surfactant	MSDS and Non-MSDS Ingredients Listed Below					
HCL-28	Liberty Energy	Acid	MSDS and Non-MSDS Ingredients Listed Below					
FRP-1S	Liberty Energy	Friction Reducer	MSDS and Non-MSDS Ingredients Listed Below					
K-BAC 50510W	Italmatch Chemicals	Biocide	MSDS and Non-MSDS Ingredients Listed Below					
BEZ-58	Liberty Energy	Breaker	MSDS and Non-MSDS Ingredients Listed Below					
K-BAC 50510	Italmatch Chemicals	Biocide	MSDS and Non-MSDS Ingredients Listed Below					
SCI-78W	Liberty Energy	Scale Inhibitor	MSDS and Non-MSDS Ingredients Listed Below					
IC-50S	Italmatch Chemicals	Iron Control	MSDS and Non-MSDS Ingredients Listed Below					
Liberty Clean Out Fluid	Liberty Energy	Cleanup Solution	MSDS and Non-MSDS Ingredients Listed Below					
FRP-1QS	Liberty Energy	Friction Reducer	MSDS and Non-MSDS Ingredients Listed Below					
Crystalline Silica Quartz	Liberty Energy	Proppant	MSDS and Non-MSDS Ingredients Listed Below					
Enviro-Syn HCR-7000-WL	Fluid Energy Group	Solvent	MSDS and Non-MSDS Ingredients Listed Below					

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MONTANA BOARD OF OIL AND GAS ATTACHMENT TO FORM 2 "CONDITIONS OF APPROVAL"

A. Field Inspector must be notified at least **24 hours** in advance of the start of fracture stimulation operation.

B. 36.22.1106 SAFETY AND WELL CONTROL REQUIREMENTS – HYDRAULIC FRACTURING

(1) New and existing wells which will be stimulated by hydraulic fracturing must demonstrate suitable and safe mechanical configuration for the stimulation treatment proposed.

(2) Prior to initiation of fracture stimulation, the operator must evaluate the well. If the operator proposes hydraulic fracturing through production casing or through intermediate casing, **the casing must be tested to the maximum anticipated treating pressure**. If the casing fails the pressure test it must be repaired or the operator must use a temporary casing string (fracturing string).

(a) **If the operator proposes hydraulic fracturing through a fracturing string, it must be strung into a liner or run on a packer set not less than 100 feet below the cement top of the production or intermediate casing and must be tested to not less than maximum anticipated treating pressure minus the annulus pressure applied between the fracturing string and the production or intermediate casing.**

(3) A casing pressure test will be considered successful if the pressure applied has been held for 30 minutes with no more than ten percent pressure loss.

(4) A **pressure relief valve(s)** must be installed on the treating lines between pumps and wellhead to limit the line pressure to the test pressure determined above; the well **must be equipped with a remotely controlled shut-in device** unless waived by the board administrator should the factual situation warrant.

(5) **The surface casing valve must remain open** while hydraulic fracturing operations are in progress; the annular space between the fracturing string and the intermediate or production casing must be monitored and may be pressurized to a pressure not to exceed the pressure rating of the lowest rated component that would be exposed to pressure should the fracturing string fail.

History: 82-11-111, MCA; IMP, 82-11-111, MCA; NEW, 2011 MAR p. 1686, Eff. 8/26/11.