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MAR 31 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: Eugene	
Address 400 W. 7th Street		Type (Private/State/Federal/Tribal/Allotted): State <i>Private</i>	
City Fort Worth	State TX	Zip Code 76102	Well Number: 14X-8
Telephone 817-334-8096	Fax		Unit Agreement Name:
Location of well (1/4-1/4 section and footage measurements): SW SW 235' FSL & 30' FWL (Sec. 8-T23N-R53E) <i>55E</i>		Field Name or Wildcat: Elm Coulee	
API Number: 25   083   22827 State County Well		Well Type (oil, gas, injection, other): Oil	
		Township, Range, and Section: Section 8: T23N-R53E <i>55E</i>	
		County: Richland County	


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

Notice of Intention to Change Plans	<input type="checkbox"/>	Subsequent Report of Mechanical Integrity Test	<input type="checkbox"/>
Notice of Intention to Run Mechanical Integrity Test	<input type="checkbox"/>	Subsequent Report of Stimulation or Treatment	<input type="checkbox"/>
Notice of Intention to Stimulate or to Chemically Treat	<input checked="" type="checkbox"/>	Subsequent Report of Perforation or Cementing	<input type="checkbox"/>
Notice of Intention to Perforate or to Cement	<input checked="" type="checkbox"/>	Subsequent Report of Well Abandonment	<input type="checkbox"/>
Notice of Intention to Abandon Well	<input type="checkbox"/>	Subsequent Report of Pulled or Altered Casing	<input type="checkbox"/>
Notice of Intention to Pull or Alter Casing	<input type="checkbox"/>	Subsequent Report of Drilling Waste Disposal	<input type="checkbox"/>
Notice of Intention to Change Well Status	<input type="checkbox"/>	Subsequent Report of Production Waste Disposal	<input type="checkbox"/>
Supplemental Well History	<input type="checkbox"/>	Subsequent Report of Change in Well Status	<input type="checkbox"/>
Other (specify) _____	<input type="checkbox"/>	Subsequent Report of Gas Analysis (ARM 36.22.1222)	<input type="checkbox"/>
	<input type="checkbox"/>	Subsequent Report of Refrac Operations	<input type="checkbox"/>


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.

Refrac procedure, schematics and chemical disclosure attached. Intended rig work starting date is

BOARD USE ONLY	
Approved	<u>APR 21 2026</u> Date
	<i>Admin/Reg. Engineer</i> Title
Name	

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

3/2/2026   
Date Signed (Agent)

Holly Wood, Regulatory Analyst  
Print Name and Title

Telephone: 817-334-8088



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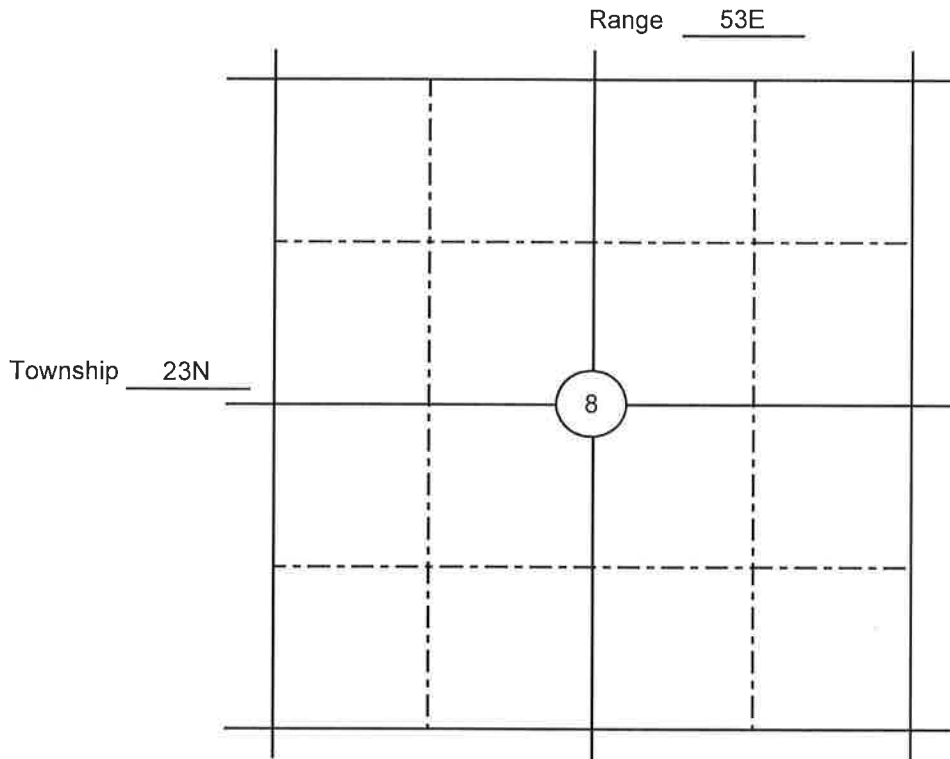
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### SUPPLEMENTAL INFORMATION

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.



**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.

08322827



Fracture Start Date/Time:	
Fracture End Date/Time:	
State:	Montana
County:	Richland
API Number:	25-083-22827
Operator Number:	
Well Name:	Eugene 14X-8
Federal Well:	
Indian Well:	
Longitude:	104.699519
Latitude:	47.761633
Long/Lat Projection:	NAD83
True Vertical Depth (TVD):	
Total Clean Fluid Volume* (gal):	100
Well Type:	% Of Total Clean (use whole numbers)
Water Sources	



Additive	Specific Gravity	Additive Quantity	Mass (lbs)
Enviro-Syn HCR-7000FRAC-WL	9.34	100.00	934
HCL-28	9.50	100.00	950
K-BAC-50510	8.84	100.00	884
K-BAC-50510W	8.43	100.00	843
SCI-78	8.93	100.00	893
SCI-78W	9.06	100.00	906
SCI-78XW	9.21	100.00	921
SCI-78NDW	9.38	100.00	938
Crystalline Silica Quartz	(already reported in lbs)	100.00	100
Resin Coated Sand / Santrol	(already reported in lbs)	100.00	100
Liberty Clean Out Fluid	8.16	100.00	816
Soda Ash	(already reported in lbs)	100.00	100
BEZ-58	8.92	100.00	892
FRP-1S	9.17	100.00	917
FRP-10S	9.60	100.00	960
FRS-HV8100	12.51	100.00	1251
FRS-HV8200	8.50	100.00	850
Water	8.34	100.00	834
SFT-592	8.43	100.00	843
Total Slurry Mass (Lbs)			14,893

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
Water	Operator	Carrier	Water	7732-18-5	100.0000%	834	5.38510%	
Resin Coated Sand / Santrol	Liberty Energy	Proppant	MDS and Non-MDS Ingredients Listed Below					
SCI-78	Liberty Energy	Scale Inhibitor	MDS and Non-MDS Ingredients Listed Below					
K-BAC-50510W	Italmatch Chemicals	Bioocide	MDS and Non-MDS Ingredients Listed Below					
Liberty Clean Out Fluid	Liberty Energy	Cleanup Solution	MDS and Non-MDS Ingredients Listed Below					
FRP-10S	Liberty Energy	Friction Reducer	MDS and Non-MDS Ingredients Listed Below					
Enviro-Syn HCR-7000FRAC	Fluid Energy Group	Solvent	MDS and Non-MDS Ingredients Listed Below					
K-BAC-50510	Italmatch Chemicals	Bioocide	MDS and Non-MDS Ingredients Listed Below					
FRS-HV8200	Liberty Energy	Friction Reducer	MDS and Non-MDS Ingredients Listed Below					
FRS-HV8100	Liberty Energy	Friction Reducer	MDS and Non-MDS Ingredients Listed Below					
Soda Ash	Liberty Energy	Buffer	MDS and Non-MDS Ingredients Listed Below					
Crystalline Silica Quartz	Liberty Energy	Proppant	MDS and Non-MDS Ingredients Listed Below					
FRP-1S	Liberty Energy	Friction Reducer	MDS and Non-MDS Ingredients Listed Below					
HCL-28	Liberty Energy	Solvent	MDS and Non-MDS Ingredients Listed Below					
SFT-592	Liberty Energy	Surfactant	MDS and Non-MDS Ingredients Listed Below					
SCI-78W	Liberty Energy	Scale Inhibitor	MDS and Non-MDS Ingredients Listed Below					
BEZ-58	Liberty Energy	Breaker	MDS and Non-MDS Ingredients Listed Below					
SCI-78NDW	Liberty Energy	Scale Inhibitor	MDS and Non-MDS Ingredients Listed Below					
SCI-78XW	Liberty Energy	Scale Inhibitor	MDS and Non-MDS Ingredients Listed Below					
The trade name(s) of the additive(s) are listed above. The purpose(s) of the additive(s) are listed above. The ingredient(s) for the above additive(s) are listed below.								
			Nitrogenous base	Proprietary	6.2355%	934	6.23544%	
			Water	7732-18-5	6.2720%	884	5.92175%	
			Water	7732-18-5	5.7816%	815	5.45873%	
			Water	7732-18-5	5.0161%	707	4.73595%	
			polyacrylamide	9003-05-8	4.8803%	688	4.60770%	
			Water	7732-18-5	4.8515%	684	4.58058%	
			Oxigenate and paraffinic stream	876065-86-0	4.7785%	674	4.51157%	
			Water	7732-18-5	4.5713%	644	4.31599%	
			Water	7732-18-5	3.9932%	563	3.77014%	
			hydrocarbon distillate, light	64742-47-8	3.9929%	563	3.76994%	
			Water	7732-18-5	3.5884%	506	3.38802%	
			Ethylene Glycol	107-21-1	3.3216%	469	3.14178%	

