

**RECEIVED**

**JUL 18 2023**

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 **EMEP Operating, LLC**  
Address **1200 Smith Street, Ste 680**  
City **Houston** State **TX** Zip Code **77002**  
Telephone **346-261-1474** Fax

Lease Name:  
**Andersen**

Type (Private/State/Federal/Tribal/Allotted):  
**Private**

Well Number:  
**1-4H**

Location of well (1/4-1/4 section and footage measurements):  
**SE SE 230' FSL & 230' FEL (Sec. 4 -T22N-59E)**

Unit Agreement Name:

Field Name or Wildcat:  
**Elm Coulee**

Township, Range, and Section:  
**Section 4: T22N-R59E**

API Number:  
**25 | 083 | 22638**  
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
- Notice of Intention to Run Mechanical Integrity Test
- Notice of Intention to Stimulate or to Chemically Treat
- Notice of Intention to Perforate or to Cement
- Notice of Intention to Abandon Well
- Notice of Intention to Pull or Alter Casing
- Notice of Intention to Change Well Status
- Supplemental Well History
- Other (specify) Refrac

- Subsequent Report of Mechanical Integrity Test
- Subsequent Report of Stimulation or Treatment
- Subsequent Report of Perforation or Cementing
- Subsequent Report of Well Abandonment
- Subsequent Report of Pulled or Altered Casing
- Subsequent Report of Drilling Waste Disposal
- Subsequent Report of Production Waste Disposal
- Subsequent Report of Change in Well Status
- Subsequent Report of Gas Analysis (ARM 36.22.1222)

**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.

EMEP Operating, LLC ("EMEP") respectfully submits this Notice of Intent to perform a refrac. EMEP requests approval to begin the well prep/pre-work per the Recompletion Procedure attached hereto ~~and will subsequently follow up with an additional sundry to include the Chemical Disclosure for approval to perform the refrac stages/operation.~~ **(included)**

Please find attached (1) EMEP's Recompletion Procedure for the Andersen 1-4H.

**SEE ATTACHED  
CONDITIONS OF  
APPROVAL**

**BOARD USE ONLY**

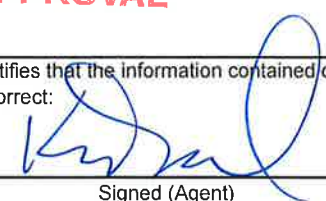
Approved **JUL 24 2023**  
Date

  
Name Admin/Pl. Engineer  
Title

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

7/14/2023

Date



Signed (Agent)

Kyle D. Dubiel - Vice President BD, Land and Legal

Print Name and Title

Telephone: 346-261-1474

**SUPPLEMENTAL INFORMATION**

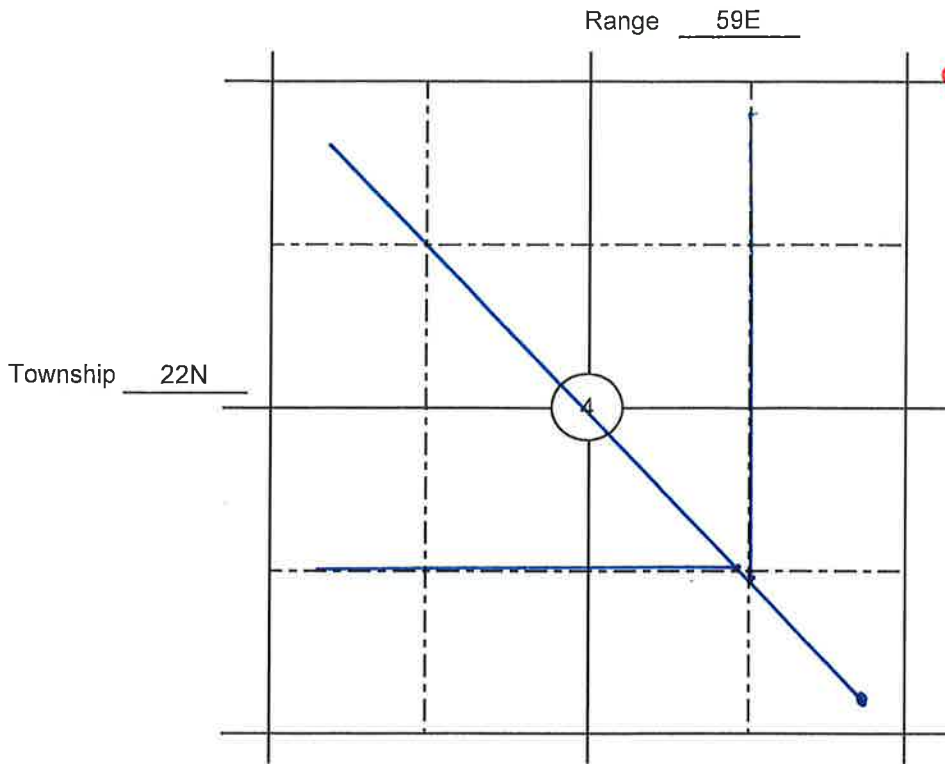
NOTE: Additional information or attachments may be required by Rule or by special request.

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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**Hydraulic Fracturing Fluid Product Component Information Disclosure**

Fracture Date	2023-07-05
State	Montana
County	Richland
API Number	25-083-22638
Operator Name	Eagle Mountain Energy Partners
Well Name and Number	Anderson 1-4H
Longitude	-104.1397
Latitude	47.6885
Long/Lat Projection:	NAD83
Indian/Federal:	none
Production Type:	Oil
True Vertical Depth (TVD):	9800
Total Water Volume (gall):	3490284

**Hydraulic Fracturing Fluid Composition:**

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Ingredient Mass lbs	Comments	Company	First Name	Last Name	Email	Phone
Fresh Water	Halliburton	Base Fluid	Water	7732-18-5	100.00%	99.99447%	2910669	Density = 8.34	Halliburton				
BE-7	Halliburton	Biocide	Listed Below	Listed Below			0						
DCA-17008	Halliburton	Acid Corrosion Inhibitor	Listed Below	Listed Below			0	NA					
DCA-23003	Halliburton	Friction Reducer	Listed Below	Listed Below			0	NA					
DCA-32015	Halliburton	Surfactant	Listed Below	Listed Below			0	NA					
DCA-32019M	Halliburton	Completion/Stimulation	Listed Below	Listed Below			0	NA					
PERFORMER/A	Halliburton	Iron Reducing Agent	Listed Below	Listed Below			0	NA					
REDUCING AGENT	Halliburton	Iron Reducing Agent	Listed Below	Listed Below			0	NA					
HYDROCHLORI	Halliburton	Solvent	Listed Below	Listed Below			0	NA					
C-ACID, 15%	Halliburton	Solvent	Listed Below	Listed Below			0	NA					
Sand-Common	Halliburton	Solvent	Listed Below	Listed Below			0	NA					
White-100 Mesh, SSA-2	Halliburton	Proppant	Listed Below	Listed Below			0						
Sand-CRC-40/70	Halliburton	Proppant	Listed Below	Listed Below			0						
Sand-Premium	Halliburton	Proppant	Listed Below	Listed Below			0						
White-40/70	Halliburton	Proppant	Listed Below	Listed Below			0						
Ingredients	Listed Above	Listed Above	1,2,4 Trimethylbenzene	95-63-6	1.00%	0.00000%	1						
			Acrylamide	79-06-1	0.01%	0.00001%	4						
			Acrylamide, sodium acrylate polymer	25987-80-8	30.00%	0.02936%	9604						
			Alcohols, C12-14-secondary, ethoxylated	128950-60-5	1.00%	0.00000%	1						
			Alcohols, C14-C15, ethoxylated	84133-50-6	10.00%	0.00002%	8						
			Amides, talloil fatty, N,N-bis(hydroxyethyl)	68951-67-7	5.00%	0.00001%	4						
			Bis(hydroxyethyl)	68165-20-4	30.00%	0.00784%	2589						
			Butyl alcohol	71-58-3	5.00%	0.00001%	4						
			Citric acid	77-92-9	60.00%	0.00009%	30						
			Copper dichloride	7447-39-4	1.00%	0.00000%	1						
			Crystalline silica, quartz	14808-60-7	100.00%	10.70050%	3500000						
			Diethanolamine	111-42-2	1.00%	0.00002%	88						
			Ethanol	64-17-5	30.00%	0.00007%	24						
			Ethoxylated branched C13 alcohol	78330-21-9	5.00%	0.00489%	1601						
			Fatty acids, tall-oil, ethoxylated	61791-00-2	10.00%	0.00002%	8						
			Formaldehyde polymer with 4,1,1-dimethylethyl phenolmethyl oxirane	29316-47-0	5.00%	0.00001%	4						
			Formaldehyde polymer with methyl oxirane, 4-nonylphenol and oxirane	63428-92-2	30.00%	0.00007%	24						
			Glutaraldehyde	111-30-8	0.01%	0.00000%	1						
			heavy aromatic petroleum naphtha	84742-94-5	10.00%	0.00002%	8						
			Hexadecane	529-73-2	5.00%	0.00001%	4						



Product Name	Product Code	Concentration	Volume	Material Safety Data Sheet (MSDS) Number
Hexamethylenetetramine	100-97-0	2.00%	16000	
Hydrochloric acid	7647-01-0	15.00%	7253	
Hydrocracked light petroleum distillate	64742-47-8	30.00%	9608	
Hydroxylamine hydrochloride	5470-11-1	60.00%	30	
Isopropanol	67-63-0	10.00%	8	
Methanol	67-56-1	100.00%	2663	
Mixture of dimer and trimer fatty acids of indelible composition derived from tall oil	51790-12-3	30.00%	22	
Naphthalene	91-20-3	1.00%	1	
Oxirane, methyl-, polymer with acetone, ether with D-glucitol	56449-05-9	30.00%	2591	
Phenol / formaldehyde resin	9003-35-4	5.00%	20000	
Poly(oxy-1,2-ethanediyl), alpha-(4-ronylphenyl)-omega-hydroxy-, branched	127087-87-0	5.00%	4	
Polyethylene glycol	25322-68-3	1.00%	1	
Potassium acetate	127-08-2	0.01%	1	
Procarpyl alcohol	107-19-7	5.00%	4	
Silica, amorphous - fumed	7631-86-5	5.00%	3	
Sorbitan, mono-8-octadecanoate, (Z)	1338-43-8	5.00%	1601	
Sodium acetate	126-96-5	5.00%	1601	
Sodium hydroxide	1310-73-2	5.00%	529	
Sodium hypochlorite	7681-52-9	30.00%	3173	
Sorbitan monooleate	9005-65-8	5.00%	1601	
Thiourea, polymer with formaldehyde and 1-phenylethanol	66527-49-1	30.00%	22	
Water	7732-18-5	100.00%	76084	

\* Total Water Volume sources may include fresh water, produced water, and/or recycled water  
\*\* Information is based on the maximum potential for concentration and thus the total may be over 100%  
Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided.  
All component information listed was obtained from the supplier's Material Safety Data Sheet (MSDS). As such, the Operator is not responsible for inaccurate and/or incomplete information. Any questions regarding the content of the MSDS should be directed to the supplier who provided it. The Occupational Safety and Health Administration's (OSHA) regulations govern the criteria for the disclosure of this information. Please note that Federal Law protects "proprietary", "trade secret", and "confidential business information" and the criteria for how this information is reported on an MSDS is subject to 29 CFR 1910.1203(i) and Appendix D.

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