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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:
Irigoin

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

Well Number:
15-23H

Location of well (1/4-1/4 section and footage measurements):
SW SE 330' FSL, 2,620' FEL (Sec. 23-T25N - R53E)

Unit Agreement Name:

Field Name or Wildcat:
Elm Coulee

Township, Range, and Section:
Section 23: T25N-R53E

API Number:
25 | 083 | 21970
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.

Please find attached (1) EMEP's Recompletion Procedure for the Irigoin 15-23H.

**SEE ATTACHED
CONDITIONS OF
APPROVAL**

BOARD USE ONLY	
Approved AUG 04 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

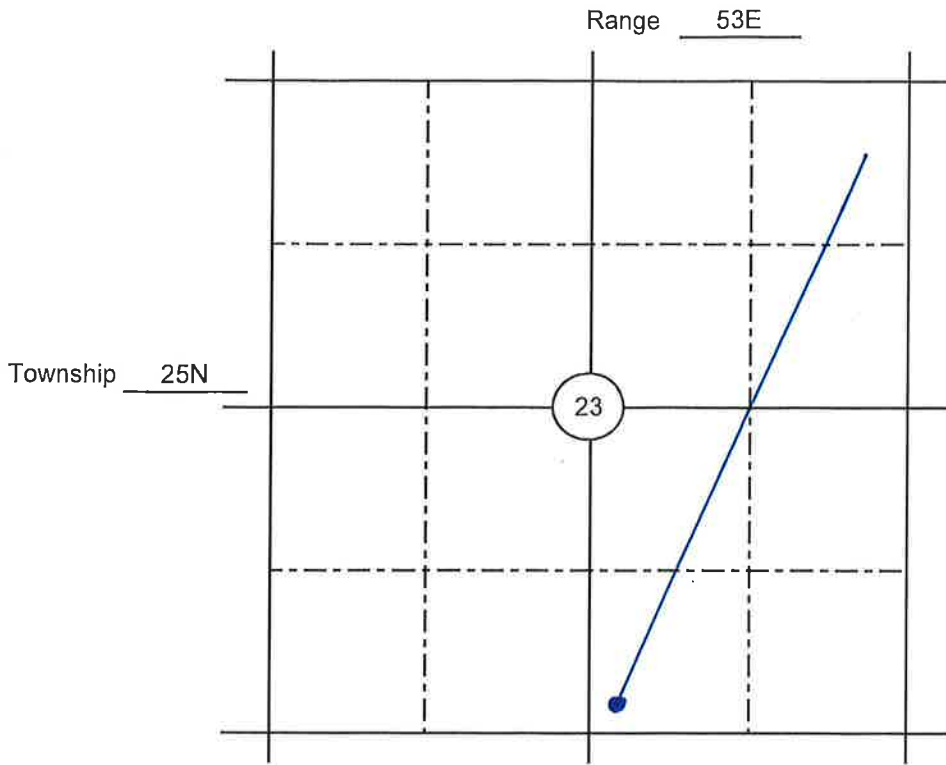
NOTE: Additional information or attachments may be required by Rule or by special request.

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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MONTANA BOARD OF OIL & GAS CONSERVATION • BILLINGS

Hydraulic Fracturing Fluid Product Component Information Disclosure

Fracture Date	2023-07-05
State	Montana
County	Richland
API Number	25-083-21970
Operator Name	Eagle Mountain Energy Partners
Well Name and Number	Irigoin 15-23H
Longitude	-104.8378
Latitude	47.8977
Long/Lat Projection	NAD83
Indian/Federal	none
Production Type	Oil
True Vertical Depth (TVD)	9800
Total Water Volume (gal)	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	1.00.00%	89.99447%	29108969	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					
FERCHER(R) A REDUCING AGENT	Halliburton	Iron Reducing Agent	Listed Below	Listed Below			0	NA					
HYDROCHLORI	Halliburton	Solvent	Listed Below	Listed Below			0	NA					
Sand-Common	Halliburton												
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						
All other ingredients are listed below in this table.													
Ingredients	Listed Above	Listed Above	1,2,4-Trimethylbenzene	95-63-6	1.00%	0.00000%	1						
			Acrylamide	79-08-1	0.01%	0.00001%	4						
			Acrylamide, sodium acrylate polymer	25987-30-8	30.00%	0.02935%	9604						
			Alcohols, C12-14-secondary	126950-60-5	1.00%	0.00000%	1						
			Alcohols, C12-14-secondary, ethoxylated	84133-50-6	10.00%	0.00002%	8						
			Alcohols, C14-C15, ethoxylated	86951-67-7	5.00%	0.00001%	4						
			Amides, tall-oil fatty, N,N-bis(hydroxyethyl)	88155-20-4	30.00%	0.00794%	2599						
			Butyl alcohol	71-36-3	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						
			Dibutylamine	111-42-2	1.00%	0.00027%	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-dimethyl ethyl 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	111-30-3	0.01%	0.00000%	1						
			Heavy aromatic petroleum naphtha	84742-94-5	10.00%	0.00002%	8						
			Hexadecene	829-73-2	5.00%	0.00001%	4						
			Hexamethylenetetramine	100-97-0	2.00%	0.02446%	8000						

