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Submit In Quadruplicate To:

MONTANA BOARD OF OIL & GAS CONSERVATION • BILLINGS

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

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: 2-23H
Unit Agreement Name:
Field Name or Wildcat: Elm Coulee
Township, Range, and Section: Section 23: T25N-R53E
County: Richland County
API Number: 25 | 083 | 22315
Well Type (oil, gas, injection, other): Oil

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 2-23H.

SEE ATTACHED CONDITIONS OF APPROVAL

BOARD USE ONLY
Approved AUG 01 2023
Date
Name
Title Admin./Pct. Engineer

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

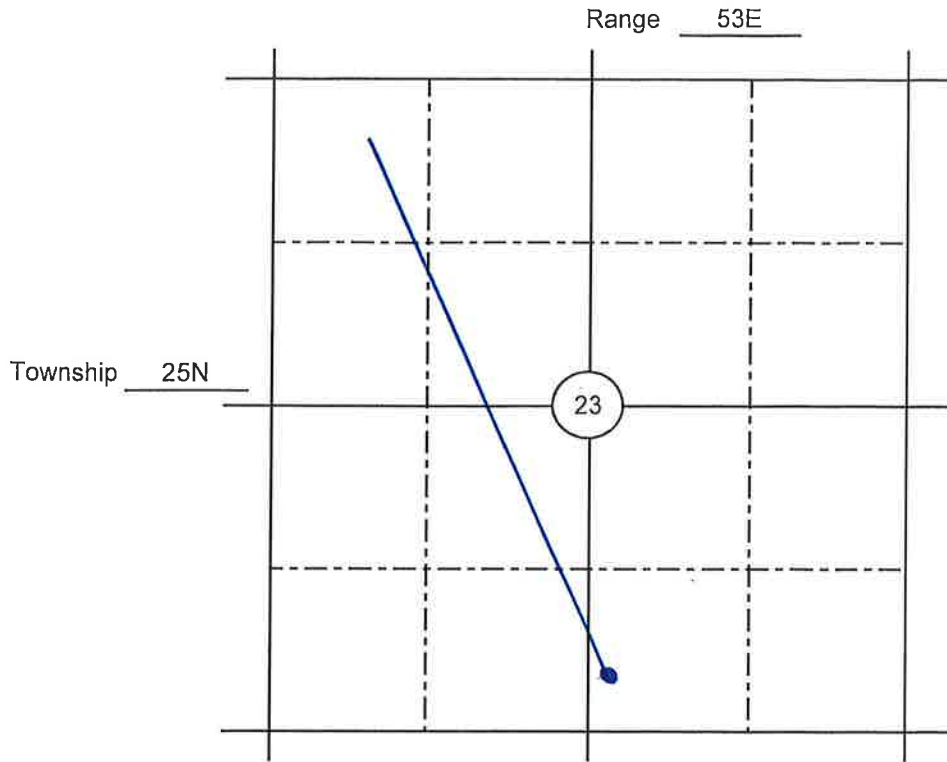
SUPPLEMENTAL INFORMATION

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:	25-063-22315
Operator Name:	Eagle Mountain Energy Partners
Well Name and Number:	Irigoin 2-23H
Longitude:	-104.8377
Latitude:	47.8979
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	100.00%	88.99447%	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					
FERCHEK(R)A 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	Proppant	Listed Below	Listed Below			0						
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 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	25987-30-8	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						
			Alcohols, C14-C15, ethoxylated	68951-67-7	5.00%	0.00001%	4						
			Amides, tall-oil fatty, N,N-bis(hydroxyethyl)	68155-20-4	30.00%	0.00794%	2599						
			Buyl 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						
			Diethanolamine	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-dimethylethyl phenolmethyl oxirane	28316-47-0	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	64742-94-5	10.00%	0.00002%	8
Hexadecene	529-73-2	5.00%	0.00001%	4
Hexamethylenetetramine	100-97-0	2.00%	0.02446%	8000
Hydrochloric acid	7647-01-0	15.00%	0.02217%	7253
Hydrotreated light petroleum distillate	64742-47-8	30.00%	0.02937%	9608
Hydroxylamine hydrochloride	5470-11-1	60.00%	0.00009%	30
Isopropanol	67-63-0	10.00%	0.00002%	6
Methanol	67-56-1	100.00%	0.00814%	2663
Mixture of dimer and trimer fatty acids of indefinite composition derived from tall oil	61790-12-3	30.00%	0.00007%	22
Naphthalene	91-20-3	1.00%	0.00000%	1
Oxirane, methyl-, polymer with oxirane, ether with D-glucitol	56449-05-9	30.00%	0.00792%	2591
Phenol / formaldehyde resin	9003-35-4	5.00%	0.06115%	20000
Poly(oxy-1,2-ethanediyl), alpha-(4-nonylphenoxy)-omega-hydroxy-, branched	127087-87-0	5.00%	0.00001%	4
Polyethylene glycol	25322-68-3	1.00%	0.00000%	1
Potassium acetate	127-08-2	0.01%	0.00000%	1
Propargyl alcohol	107-19-7	5.00%	0.00001%	4
Silica, amorphous - fumed	7631-86-9	5.00%	0.00001%	3
Sorbitan, mono-9-octadecenoate, (Z)	1338-43-8	5.00%	0.00489%	1601
Sodium diacetate	126-95-5	5.00%	0.00489%	1601
Sodium hydroxide	1310-73-2	5.00%	0.00162%	529
Sodium hypochlorite	7681-52-9	30.00%	0.00970%	3173
Sorbitan monooleate polyoxyethylene derivative	9005-65-6	5.00%	0.00489%	1601
Thiourea, polymer with formaldehyde and 1-phenylethanone	68527-49-1	30.00%	0.00007%	22
Water	7732-18-5	100.00%	0.23261%	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 Sheets (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 1910.1200(i) and Appendix D.

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