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FEB 29 2024

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:
Flik-Irigoin
Type (Private/State/Federal/Tribal/Allotted):
Private

Well Number:
13-1H

Location of well (1/4-1/4 section and footage measurements):
NE NE 220' FNL & 1100' FEL (Sec. 13-T25N-R53E)

Unit Agreement Name:

Field Name or Wildcat:
Elm Coulee

Township, Range, and Section:
Section 13: T25N-R53E

API Number:
25 | 083 | 22028
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.

Please find attached (1) EMEP's Recompletion Procedure for the Flik-Irigoin 13-1H, and (2) the Fracturing Fluid Disclosure.

SEE ATTACHED
CONDITIONS OF
APPROVAL

BOARD USE ONLY

Approved MAR 22 2024
Date

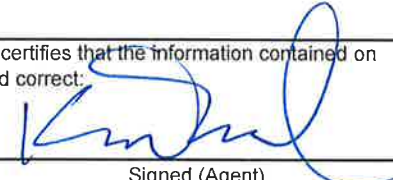

Name

Admin/Rel. Engineer
Title

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

2/27/2024

Date



Signed (Agent)

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

Print Name and Title

Telephone: 346-261-1474

SUPPLEMENTAL INFORMATION

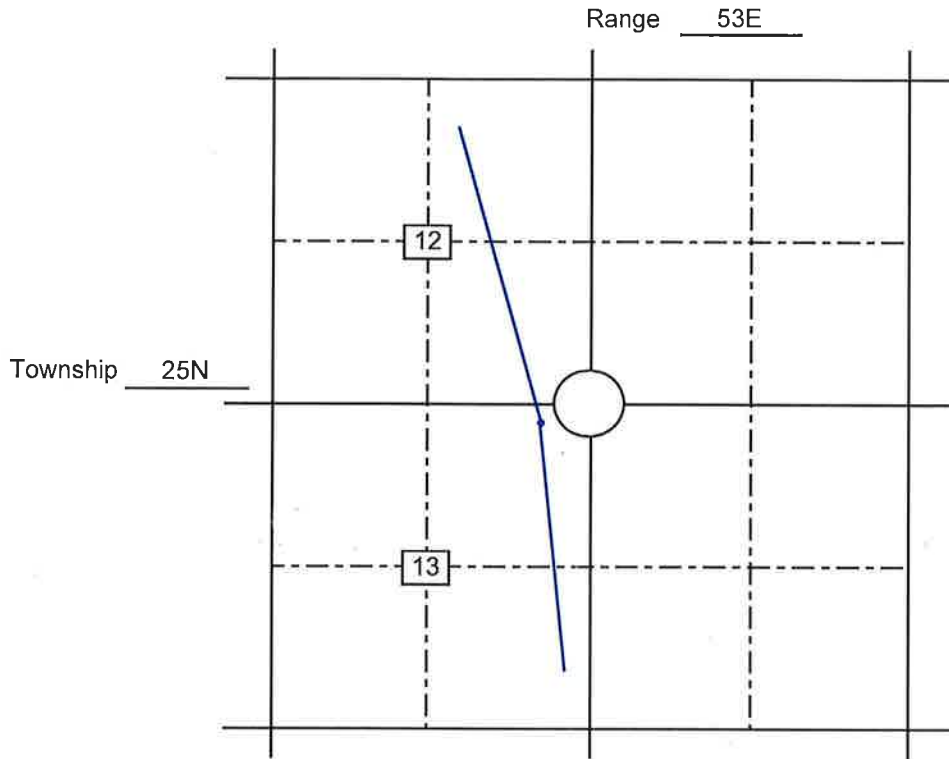
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NOTE: Additional information or attachments may be required by Rule or by special request.

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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.

08322028

BEGIN DATA : Data Indicator : Disclosure TYPE

System :
 Fracture Date: MT
 State: MT
 County: Richland
 AP# Number: 25-063-22/28
 Operator Name: Eagle Mountain Energy
 Operator Number: E2212688
 Well Name and Number: Elk-Hoggin 13-1H
 Longitude: -104.810198
 Latitude: 47.925141
 Federal Well: 47.925141
 Indian Well: NAD83
 LongLat Projection:
 Fracture End Date: 9/6/65
 True Vertical Depth (TVD): 3,291.949
 Well Type:
 Water Source:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Mass of Additive (lbs.)	Comment
Sand (Proppant)	CWS	Propping Agent					
BioSorb GQ123x	CWS	Biosorb					
CalSurf™ S401	CWS	Surfactant					
CalSurf™ S421	CWS	Surfactant					
CalMac™ 6634	CWS	Friction Reducer					
DynaScale™ 3515	CWS	Scale Inhibitor					
			12-hydroxysebacic acid-polyethylene glycol copolymer	70143-34-6	0.70%	204.70	
			Acrylamide	79-06-1	0.10%	29.24	
			alcohols, C12-14-secondary, ethoxylated	84133-50-6	0.10%	46.27	
			Alcohol C10-C16 Ethoxylates	68002-97-1	0.60%	2,503.77	
			Alkyl dimethyl benyl ammonium chloride	68424-85-1	3.00%	12,560.06	
			Aluminum oxide	1344-28-1	4.00%	12,560.06	
			Ammonium acrylate	19604-69-0	0.10%	29.24	
			ammonium chloride	12125-02-9	1.40%	409.40	
			Apatite	64476-38-6	0.10%	3,480.00	
			Biotite	1302-27-9	0.10%	2,480.00	
			Calcite	471-34-1	1.00%	22,400.00	
			Chromite Sand	98072-82-3	30.00%	96,000.00	
			Crystalline silica (Quartz)	14609-60-7	100.00%	2,768,400.00	
			Dioxyethylene triminopentanoic acid, pentasodiumsalt	140-01-2	0.06%	17.55	
			Dioxane	123-91-1	0.00%	0.86	
			Disulfates (Petroleum), hydrogenated Light	65742-47-8	19.00%	5,556.16	
			Ethoxylated Alcohols, C10-15	68002-97-1	30.00%	3,755.66	
			Ethylene oxide	75-21-8	0.00%	0.09	
			Guar	111-30-8	12.00%	888.33	
			Guar hydroxypropyltrimethylammonium chloride	3105-14-1	0.10%	2,480.00	
			Hydroxyethyl methacrylate	12113-60-3	1.00%	2,400.00	
			Hydroxyethyl methacrylate	6812-88-7	0.10%	240.00	
			Hydroxyethyl methacrylate	67-50-1	0.20%	56.48	
			Hydroxyethyl methacrylate	67-50-1	0.20%	56.48	
			Organic Acid Salt	Propionic	60.00%	10,700.09	
			Organic Acid Salt	Propionic	15.00%	655.47	
			Organic Acid Salt	Propionic	15.00%	655.47	
			Phenol-formaldehyde copolymer	9003-35-4	4.00%	2,281.71	
			poly(coc-1, 2-epihexacycl), alpha-hydro-omega-hydroxy-ether with D-glucitol (2-1), tetra-(9Z)-9-octadecenoate	61723-63-9	0.70%	12,600.00	
			Polyethylene glycol	25322-68-3	0.05%	294.16	
			Polymer	26100-47-0	32.00%	9,387.92	
			polyoxyethylene monooleate	6004-96-0	2.40%	701.63	
			Potassium acetate	127-08-2	0.03%	8.77	
			Sodium hydrogen sulphate	7631-90-5	0.60%	175.46	
			Sorbitol oleate	1338-43-6	1.00%	262.43	
Water	Operator and CWS	Base Fluid and Mix Water	Water	7732-18-5	100.00%	27,601,618.05	

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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 stung 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 immediate 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.

C. 36.22.1010 WORK-OVER, RECOMPLETION, WELL STIMULATION – NOTICE AND APPROVAL

(1) Within 30 days following completion of the well work, a subsequent report of the actual work performed must be submitted on Form No. 2.