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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
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: Ed & Paul Type (Private/State/Federal/Tribal/Allotted): Private Well Number: 2-17H Unit Agreement Name: Field Name or Wildcat: Elm Coulee Township, Range, and Section: Section 17: T25N-R53E County: Richland County
Location of well (1/4-1/4 section and footage measurements): SW SE 300' FSL & 1980' FEL (Sec. 17-T25N-R53E) .	
API Number: 25 083 22041 State County Well	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 <input type="checkbox"/> Notice of Intention to Run Mechanical Integrity Test <input type="checkbox"/> Notice of Intention to Stimulate or to Chemically Treat <input checked="" type="checkbox"/> Notice of Intention to Perforate or to Cement <input checked="" type="checkbox"/> Notice of Intention to Abandon Well <input type="checkbox"/> Notice of Intention to Pull or Alter Casing <input type="checkbox"/> Notice of Intention to Change Well Status <input type="checkbox"/> Supplemental Well History <input type="checkbox"/> Other (specify) <u>Refrac</u> <input checked="" type="checkbox"/>	Subsequent Report of Mechanical Integrity Test <input type="checkbox"/> Subsequent Report of Stimulation or Treatment <input type="checkbox"/> Subsequent Report of Perforation or Cementing <input type="checkbox"/> Subsequent Report of Well Abandonment <input type="checkbox"/> Subsequent Report of Pulled or Altered Casing <input type="checkbox"/> Subsequent Report of Drilling Waste Disposal <input type="checkbox"/> Subsequent Report of Production Waste Disposal <input type="checkbox"/> Subsequent Report of Change in Well Status <input type="checkbox"/> Subsequent Report of Gas Analysis (ARM 36.22.1222) <input type="checkbox"/>
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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 Ed & Paul 2-17H, and (2) the Fracturing Fluid Disclosure.

SEE ATTACHED
CONDITIONS OF
APPROVAL

BOARD USE ONLY	
Approved <u>MAR 11 2024</u> Date	
 Name	Admin/Reg. 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

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.

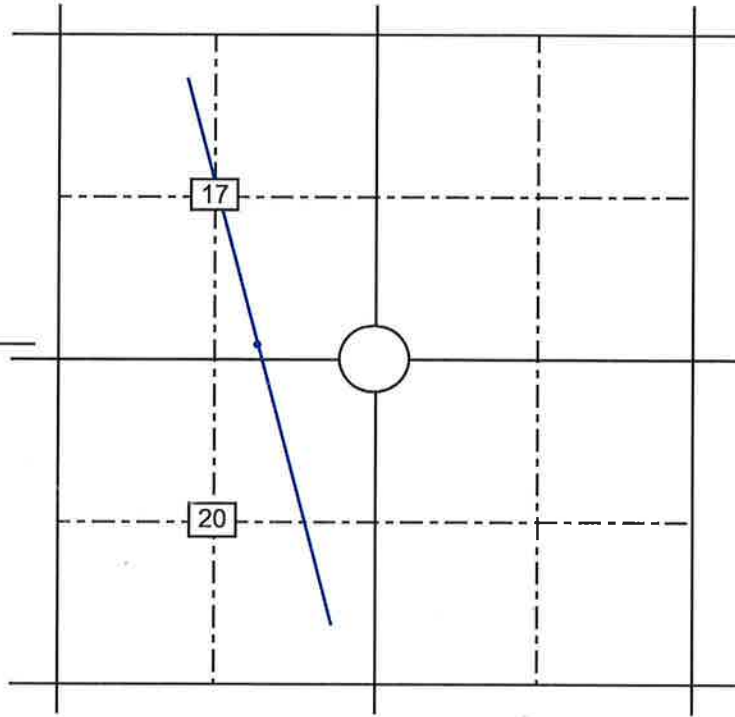
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MONTANA BOARD OF OIL & GAS CONSERVATION - BILLINGS

Range 53E

Township 25N



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.

08322041

BEGIN DATA
System : Data Indicator
System : Disclosure TYPE

Fracture Date:	MT
State:	Richland
County:	25-083-22041
API Number:	Eagle Mountain Energy
Operator Name:	E22125688
Operator Number:	Ed & Paul 2-17H
Well Name and Number:	-104.900233
Longitude:	47.912152
Latitude:	
Federal Well:	
Indian Well:	NAD83
Long Lat Projection:	
Fracture End Date:	9.300
True Vertical Depth (TVD)	3,514.425
Total Water Volume (gal):	
Well Type:	
Water Source:	

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**
Slur (Propanol)	CWS	Propping Agent			
Blasika 35133x	CWS	Slur			
CUSURTM 6401	CWS	Surfactant			
CUSURTM 6421	CWS	Surfactant			
Calvac™ 6634	CWS	Foam Reducer			
DynaScale™ 3515	CWS	Scale Inhibitor			
			12-hydroxystearic acid-polyethylene glycol copolymer	70142-34-5	0.70%
			Acrylamide	79-06-5	0.10%
			alcohol, C12-14-sec-octanyl, ethoxylated	64133-50-6	155.10
			Alcohol C15-C16 Ethoxy/Alas	68002-97-1	4.00%
			Alkyl dimethyl benzyl ammonium chloride	68424-85-1	2.95614
			Aluminum oxide	1344-28-1	13,600.00
			Ammonium acrylate	10604-69-0	0.10%
			ammonium chloride	12125-02-9	1.40%
			Apatite	54476-38-6	434.28
			Biotite	1302-27-6	2,635.00
			Calcite	471-34-1	23,800.00
			Chromite Sand	98072-82-3	102,000.00
			Crystalline silica (Quartz)	14809-60-7	2,973,300.00
			Diethylene triaminopentaacetic acid, perfluorodimethyl	149-01-2	18.61
			Dioxane	123-91-1	0.93
			Dithalate (Petroleum), Hydroreated Light	64742-47-8	5,893.77
			Ethoxylated Alcohol, C10-18	68002-97-1	4,011.21
			Ethylene oxide	75-21-8	0.09
			Glutaraldehyde	111-30-8	859.45
			Glycerite	1310-14-1	2,535.00
			Ilite	12173-60-3	2,550.00
			Ilite	89072-94-7	255.00
			Isopropanol	67-63-0	62.04
			Methanol	67-58-0	11,426.53
			Organic Acid Salt	67-58-0	699.25
			perfluorinated	13-0026	2,889.33
			petroleum oils	64742-85-0	1,989.33
			Phenol-formaldehyde copolymer	9005-35-0	4.00%
			poly(oxy-1,2-ethanediy), alpha-hydro-omega-hydroxy-ether with D-glucitol (2:1), tetra-(6:2)-g-ocadecanoate	61723-83-8	0.70%
			Polyethyleneglycol	25322-68-3	0.50%
			Polymer	26100-47-0	32.00%
			polyoxyethylene monooleate	9004-96-0	2.40%
			Potassium acetate	127-08-2	0.03%
			Sodium hydrogensulphite	7631-90-5	0.50%
			Sorbitan oleate	1336-43-8	1.00%
Water	Operator and CWS	Base Fluid and Mix Water	Water	7732-18-5	100.00%

Comment	Mass of Additive (lbs)
	217.14
	31.02
	155.10
	2.95614
	13,600.00
	31.02
	434.28
	2,635.00
	23,800.00
	102,000.00
	2,973,300.00
	18.61
	0.93
	5,893.77
	4,011.21
	0.09
	859.45
	2,535.00
	2,550.00
	255.00
	62.04
Prohibited CAS	11,426.53
	699.25
	2,889.33
	1,989.33
	217.14
	0.83
	9,926.36
	744.48
	9.31
	186.12
	310.20
	29,360,357.51

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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.