

Submit In Quadruplicate To:

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

RECEIVED

JUL 27 2022

SUNDRY NOTICES AND REPORT OF WELLS

MONTANA BOARD OF OIL & GAS CONSERVATION • BILLINGS

Operator White Rock Oil & Gas, LLC
Address 5810 Tennyson Parkway
City Plano State TX Zip Code 75024
Telephone 214-981-1400 Fax 214-981-1401

Lease Name: BR
Type (Private/State/Federal/Tribal/Allotted): Private
Well Number: 44-36H

Location of well (1/4-1/4 section and footage measurements):
SESE 600FSL and 2600FEL
600

Unit Agreement Name:
Field Name or Wildcat: Elm Coulee
Township, Range, and Section: 24N-54E-36
County: Richland

API Number:
25 | 083 | 22159
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
- 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) Chemical disclosure

- 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.

Please see the attached frac disclosure for frac approval prior to the stimulation.

BOARD USE ONLY

Approved AUG 01 2022
Date

[Signature]
Name
Petroleum Engineer
Title

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

7/25/2022 *[Signature]*
Date Signed (Agent)

Eric Linthicum, Regulatory Manager

Print Name and Title

Telephone: 214-666-4826

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.

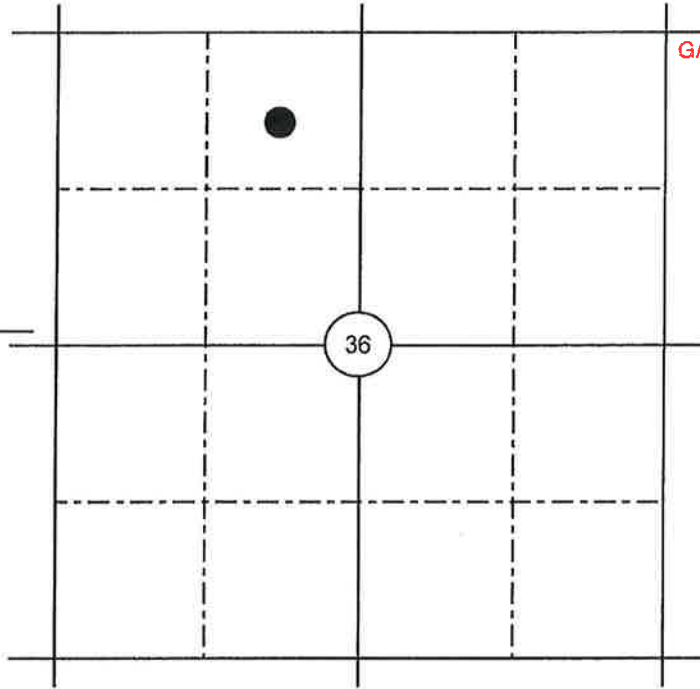
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Range 54E

MONTANA BOARD OF OIL &
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Township 24N



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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.

08322155

White Rock Oil and Gas Proposed Well Stimulation
 Total Clean Fluid - 54,280 bbl
 Maximum Anticipated Treating Pressure - 9,000 psi

Hydraulic Fracturing Fluid Components Information Disclosure

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Mass per Component (lbs)	Maximum Ingredient Concentration in HF Fluid (% by mass)***
Water	CUSTOMER	BASE FLUID	WATER	7732-18-5	100.00%	18990401	88.7794%
FRAC SAND (ALL MESH)	PROPPANT SPECIALTIES	PROPPANT	CRYSTALLINE SILICA	14808-60-7	100.00%	2324000	10.858321%
HCL 7.5%-15%	INDUSTRIAL CHEMICAL	HYDROCHLORIC ACID	HYDROCHLORIC ACID	7647-01-0	10.00%	3063	0.014309%
ECONO-C900	ECONOMY POLYMERS	ACID CORROSION INHIBITOR	WATER	7732-18-5	90.00%	27563	0.128779%
EP-H51	ECONOMY POLYMERS	IRON SEQUESTERING AGENT	Methanol Propargyl alcohol Nitroacetic Acid, Trisodium Salt	67-56-1 107-49-7 5064-31-3	60.00%	9	0.000040%
DMUL150	IRON HORSE CHEMICALS	DEMULSIFIER	Sodium Hydroxide Water Isopropyl alcohol Alcohol ethoxylate	1310-73-2 7732-18-5 67-63-0 68439-46-3	42.00% 2.00% 60.00% 70.00%	81 4 116 11315	0.000380% 0.000018% 0.000542% 0.052864%
			2-Propenoic acid, polymer with 4-(1,1-dimethylethyl)phenol, formaldehyde, 2,5-furandione, methoxytriene, 4-onylphenol and o-xtra	129828-31-5	20.00%	3233	0.015104%
			Solvent naphtha (petroleum), Heavy arom.	64742-94-5	10.00%	1616	0.007562%
			Naphthalene	91-20-3	1.00%	162	0.000755%
LIQUID BIOCID	VARIOUS SUPPLIERS	BIOCID	1-Decanaminium, N-Decyl-N,N-dimethyl-, chloride	7173-51-5	12.00%	353	0.001647%
TSI-500	ECONOMY POLYMERS	SCALE INHIBITOR	Ethyl alcohol	64-17-5	3.00%	88	0.000412%
VF-0-F	IRON HORSE CHEMICALS	FRESH WATER HYDR	Ethylene glycol	107-21-1	40.00%	2070	0.009673%
			Hydrotreated light distillate (petroleum)	64742-47-8	45.00%	12312	0.057525%
			Polyoxy-1,2-ethanediyl, alpha-, tri-tert-butyl-, omega-, hydroxy-, branched	59011-36-5	5.00%	1368	0.006392%
CEMVERT+ DS25	DIVERTER PILLS	DIVERTING AGENT	Polacada Resin	9051-89-2	100.00%	6000	0.028094%

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