

Submit In Quadruplicate To:  
**MONTANA BOARD OF OIL AND GAS CONSERVATION**  
2535 ST. JOHNS AVENUE  
BILLINGS, MONTANA 59102

**RECEIVED**

**MAY 05 2023**

**SUNDRY NOTICES AND REPORT OF WELLS**

MONTANA BOARD OF OIL &  
GAS CONSERVATION - BILLINGS

Operator White Rock Oil & Gas, LLC  
Address 5810 Tennyson Parkway, Suite 500  
City Plano State TX Zip Code 75024  
Telephone 214-981-1400 Fax \_\_\_\_\_

Lease Name:  
Roberts

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

Well Number:  
21X-30

Location of well (1/4-1/4 section and footage measurements):  
500 FNL 2140 FWL NENW

Unit Agreement Name:

Field Name or Wildcat:  
Elm Coulee

Township, Range, and Section:  
24N-55E-30

API Number:  
25 | 083 | 21967  
State County Well

Well Type (oil, gas, injection, other):  
Oil

County:  
Richland

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)

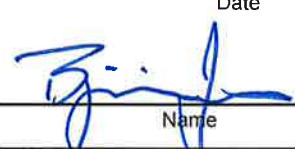
**Describe Proposed or Completed Operations:**

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.

White Rock is submitting this chemical disclosure for frac approval.

**SEE ATTACHED  
CONDITIONS OF  
APPROVAL**

**BOARD USE ONLY**

Approved JUN 07 2023  
Date  
  
Name  
Admin/Reg. Engineer  
Title

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

05/03/2023 Eric Linthicum  
Date Signed (Agent)  
Eric Linthicum, Regulatory Manager  
Print Name and Title  
Telephone: 214-666-4826

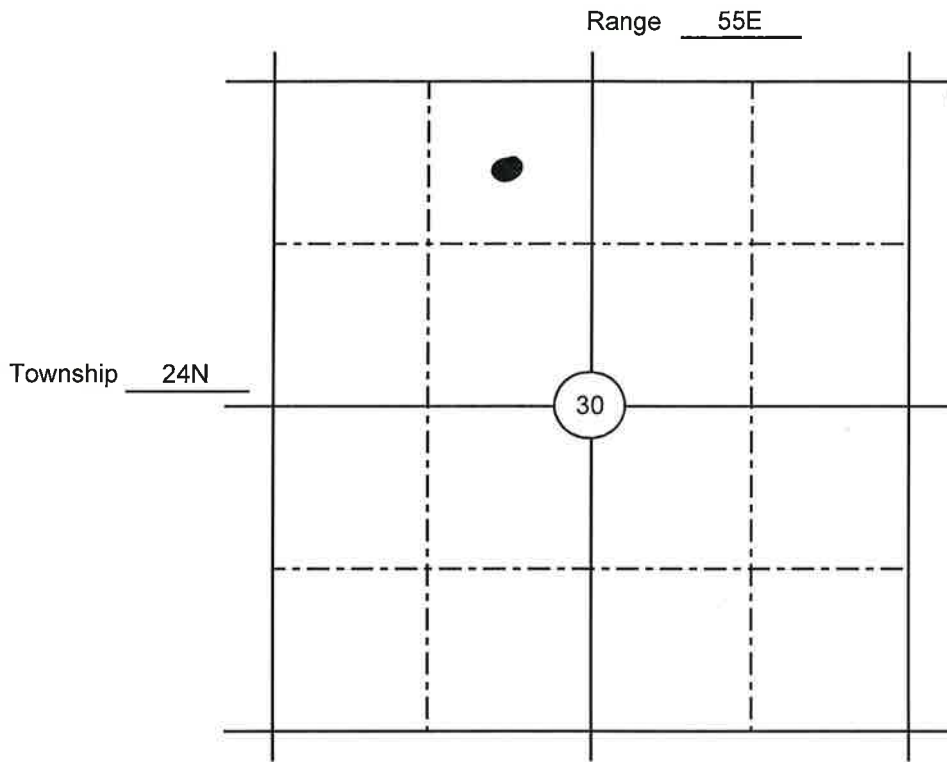
**SUPPLEMENTAL INFORMATION**

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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MONTANA BOARD OF OIL &  
GAS CONSERVATION • BILLINGS



**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.

**08321967**



## 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.