

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

SUNDRY NOTICES AND REPORT OF WELLS

Operator WHITE ROCK OIL AND GAS, LLC Address 5810 TENNYSON PARKWAY, SUITE 500 City PLANO State TX Zip Code 75024 Telephone 214-981-1400 Fax 214-981-1401		Lease Name: FEDERAL Type (Private/State/Federal/Trivial/Allotted) FEDERAL Well Number: 15-30
Location of well (1/4-1/4 section and footage measurements): SWSE, 660' FSL, 1907' FEL		Unit Agreement Name M-33085 Field Name or Wildcat: MON DAK WEST Township, Range, and Section: 23N, 60E, SEC 30 County: RICHLAND
API Number: 25 083 21184 <small>State County Well</small>	Well Type (oil, gas, injection, other): <p align="center">OIL</p>	

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 checked="" type="checkbox"/> Supplemental Well History <input checked="" type="checkbox"/> Other (specify) _____ <input 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.

WHITE ROCK OIL AND GAS, LLC. RESPECTIVELY REQUESTS TO TA STONY MOUNTAIN PERFS, PERFORATE THE MISSION CANYON FORMATION, AND STIMULATE THE MISSION CANYON FORMATION PER THE ATTACHED PROCEDURE, TREATMENT SCHEDULE, AND WELLBORE DIAGRAM. MON DAK WEST FIELD IS DELINEATED 1 WELL PER 320 ACRES AND THE MONDAK WEST FEDERAL 13-30 IS ALREADY COMPLETED IN THE MISSION CANYON. THE MONDAK WEST FEDERAL 13-30 IS SPACED FOR THE 320 IN THE S/2 OF THE SECTION. THE FEDERAL 15-30 WOULD BE DESIGNATED TO THE BE ONLY WELL TO PRODUCEFROM THE MISSION CANYON IN THIS ESTABLISHED SPACING UNLESS BOARD APPROVAL RECEIVED.

BOARD USE ONLY	
Approved JUL 22 2021 <small>Date</small>	
ACCEPTED FOR RECORDS ONLY	
<small>Name</small>	<small>Title</small>

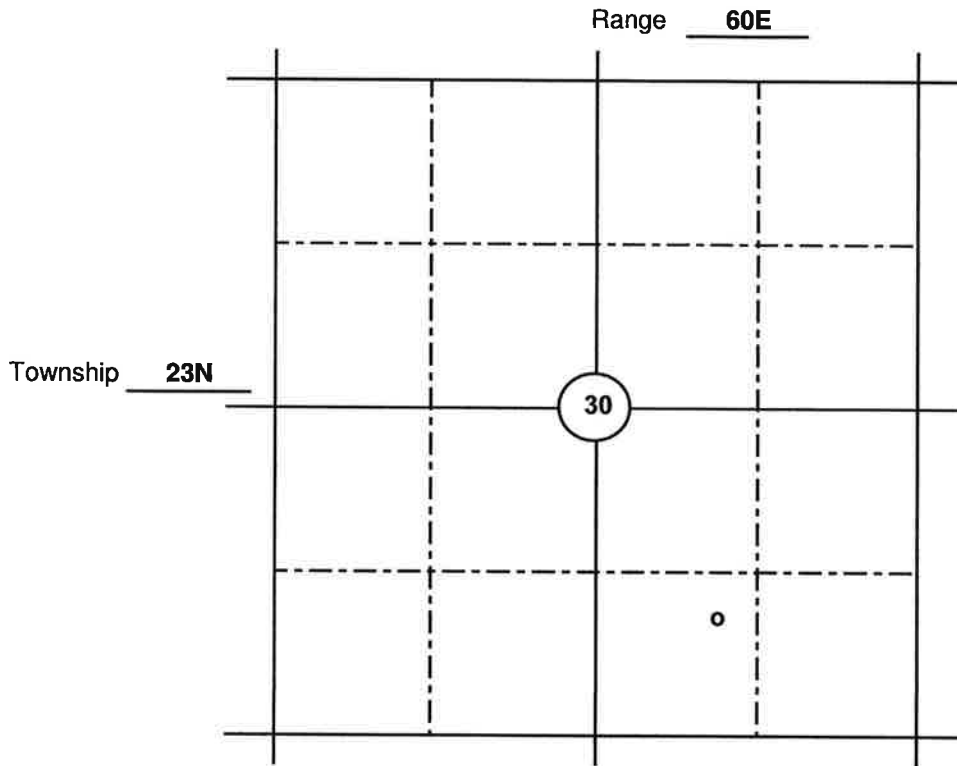
The undersigned hereby certifies that the information contained on this application is true and correct:

7/13/2021 <small>Date</small>	 <small>Signed (Agent)</small>
SHAWNA BONINI <small>Print Name and Title</small>	
Telephone: _____	406-690-0068

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.



BOARD USE ONLY

CONDITIONS OF APPROVAL

The operator must comply with the following condition(s) of approval:

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Failure to comply with the conditions of approval may void this permit.

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****CELLS WITH BLUE BACKGROUND ARE THE ONLY CELLS TO BE EDITED****

Fracture Start Date/Time	20/01 9:40
Fracture End Date/Time	20/01 9:40
State	Montana
County	Rockwell
API Number	20-005-71104-0000
Operator Number	
Well Name	Federal 15-34
Federal Well	Yes
Indian Well	No
Longitude	109.063400
Latitude	47.118841
Long/Lat Projection	NAD83
True Vertical Depth (TVD)	12600
Total Clean Fluid Volume* (gal)	68,798



Additive	Specific Gravity	Additive Quantity	Mass (lbs)
Water	8.34	68,798	572,958
Surf-Plo-30C	8.43	11	118
B-2512	9.09	21	192
BHL-68W	8.74	39	307
XLB-88	10.26	39	307
LGA-M	8.80	716	4,528
SAFE-BFH-2	10.38	39	402
Crystalline Silica Quartz	(already reported in lbs)	109,192	109,500
SCL-611	8.38	11	117

Ingredients Section:

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)**	Comments
Water	Operator	Carrier	Carrier	7732-18-5	100.0000%	572,958	81.99167%	
Surf-Plo-30C	Insopex	Flowback Additive	MSDS and Non-MSDS Ingredients Listed Below					
B-2512	Aquaserv	Bioicide	MSDS and Non-MSDS Ingredients Listed Below					
BHL-68W	Liberty Oilfield Services	Gel Breaker	MSDS and Non-MSDS Ingredients Listed Below					
XLB-88	Liberty Oilfield Services	Crosslinker	MSDS and Non-MSDS Ingredients Listed Below					
LGA-M	Liberty Oilfield Services	Gel Saver	MSDS and Non-MSDS Ingredients Listed Below					
SAFE-BFH-2	Liberty Oilfield Services	High pH Buffer	MSDS and Non-MSDS Ingredients Listed Below					
Crystalline Silica Quartz	Liberty Oilfield Services	Sand	MSDS and Non-MSDS Ingredients Listed Below					
SCL-611	Scale Inhibitor	Scale Inhibitor	MSDS and Non-MSDS Ingredients Listed Below					
The trade name(s) of the additve(s) used, supplier(s), and the purpose(s) of the additve(s) are listed above. The ingredient(s) for the above additve(s) are listed below.								
			Crystalline Silica Quartz	14808-60-7	93.8240%	109,192	15.6680%	
			White mineral oil (petroleum)	8042-47-5	2.5112%	2,951	0.42799%	
			Aluminum Oxide	1344-28-1	0.9392%	1,093	0.15480%	
			Ethylene glycol	107-21-1	0.6791%	559	0.08100%	
			Water	7732-18-5	0.3261%	340	0.0514%	
			Borate Salt	1303-96-4	0.2613%	303	0.0414%	
			1,2 Propanediol	57-55-6	0.1957%	228	0.03180%	
			1,3 Propanediol	504-63-2	0.1957%	228	0.03180%	
			Sodium Hydroxide	1310-73-2	0.1808%	211	0.03057%	
			Alcohol, C12-15, ethoxylated	68131-39-5	0.1012%	118	0.01711%	
			Ethylene Oxide	75-21-8	0.1012%	118	0.01711%	
			Non-Hazardous Components	60-00-0	0.1006%	117	0.01702%	
			Water	7732-18-5	0.0928%	115	0.01641%	
			Iron Oxide	1309-37-1	0.0939%	110	0.01582%	
			Titanium Oxide	13463-67-7	0.0939%	110	0.01582%	
			Glyoxaldehyde	111-30-8	0.0442%	52	0.00748%	
			Alkyl Sulfonic Acid Amine Salt	Proprietary	0.0354%	41	0.00599%	
			Water	7732-18-5	0.0304%	35	0.00511%	
			Methanol	67-56-1	0.0304%	35	0.00511%	
			Tert-butyl Hydroperoxide	75-91-2	0.0228%	27	0.00384%	
			Dibetyl dimethyl ammonium chloride	7171-51-5	0.0131%	15	0.00221%	
			Alkyl Sulfonic Acid	Proprietary	0.0101%	12	0.00171%	
			Ditriethanolamine	103-71-6	0.0101%	12	0.00171%	
			Fibazole/amine	141-43-5	0.0101%	12	0.00171%	
			Alkyl dimethyl benzyl ammonium chloride	65-17-5	0.0090%	11	0.00152%	
			Fibazole	64-37-5	0.0033%	4	0.00055%	

* 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%

All component information listed was obtained from the supplier's Material Safety Data Sheet(s) (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) regulation governs 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(f) and Appendix D.

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