ARM 36.22,307, 601, 605, 1003, 1004, 1011, 1013, 1103, 1222, 1240, 1301, 1306, 1309, and 1417

Submit In Quadruplicate To:

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

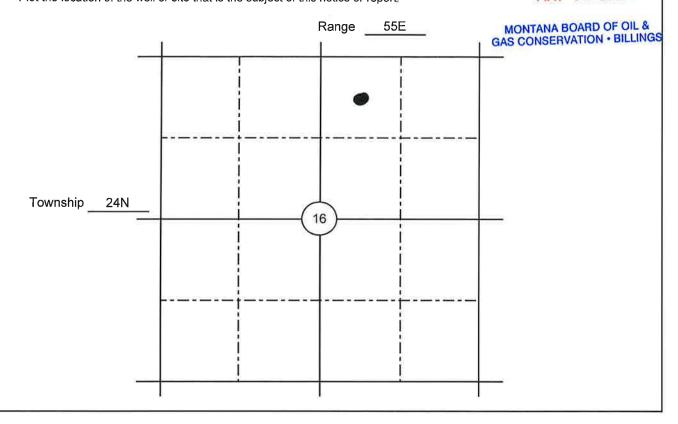
	2535 ST. JO BILLINGS, MO							
S	SUNDRY NOTICES AN	ND REPO	RT OF WELLS					
Operator White Rock Oil & Gas	, LLC	Lease Name: GAS CONSERVATION • BILLING Redwater State						
Address 5810 Tennyson Parkw	<i>ı</i> ay, Suite 500	Type (Private/State/Federal/Tribal/Allotted):						
City Plano State	TX Zip Code 75024		State					
Telephone 214-981-1400	Fax		Well Number: 24X-16 .					
Location of well (1/4-1/4 section and 400 FSL 1900 FWL SESW ·	d footage measurements);		Unit Agreement Name:					
			Field Name or Wildcat: Elm Coulee					
API Number:	Well Type (oil, gas, injection	on, other):	Township, Range, and Section: 24N-55E-16					
25 083 22067 . State County Well	Oil		County: Richland					
Indicate below with an X the nature	of this notice, report, or other	data:						
	Describe Proposed or of detail. Attach maps, well-bore co	Subseque Subseque Subseque Subseque Subseque Subseque Completed (grams, analyses, or other information as					
necessary. Indicate the intended startin		r the completion	on date for completed operations.					
White Rock is submitting this chemical d	isciosure for frac approvat.		SEE ATTACHED CONDITIONS OF APPROVAL					
		2010000	igned hereby certifies that the information contained on tion is true and correct:					
Approved JUN 0 7 2023	ONLY							
Approved JUN U / 2023 Date	- 1	05/03/2	Tuc Linducum					
_ ^			Eric Linthicum, Regulatory Manager					
2	Admin let Engineer		Print Name and Title					
Name	Title	Telephone:	214-666-4826					

SUPPLEMENTAL INFORMATION

RECEIVED

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.

MAY 0 5 2023



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.

MONTANA BOARD OF OIL & GAS CONSERVATION • BILLINGS

RECEIVED

Ingredients Section:							65,000,576
Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS#)	Maximum Ingredient Concentration in Additive	Mass per Component (LBS)	Maximum Ingredien Concentration in BE Fluid
	Operator	Carrier/Bate/Pluid	Walte	2819044	Co D massive	ı	(% by mass)
Sand (100 Mesh Propositi	ProFran	Рюрраци	Crystalline Silien (quartz)	148034.60-7	Thirties.	100,100	A SAILS
(1)	Frahme	Proppunt	Crystalling Stiles (quarty)	[4808-60-7	100.00	ij	1,10001.0
22 DEGREE BALIME Hydrochlone Acid (30%)	Dynachem	Anthony	Bydrochlane Aeid	1,10,7,10,7	2000000		0/ (6000) 0
Acid Pick Bro-LT	Gooper Natural	Acid Inhibitor:	[vorrdeconol] ethoxyl#lad	STICE STOP	626.1	İ	25.68.10.0
			Alcehols C12-14 secondary, ethoxylated	84 (35.50).61	× 11/2/		S.Tooson's
The second secon	STATE OF THE PERSON NAMED IN		Melny 1 9-Desenpate.	25601-41-6	XX		0.000045
	STATE STATE OF THE PARTY OF THE		Methyl 9-todecenoute	39,200:11741		2.0	a control
		THE THE PARTY OF T	Sodium sylene sulfenate	13004027	11000		2000000
		THE RESERVE THE PERSON AND PERSON	Cutric alid	TRANSA	2000	- 62	4.00,000
			Paridinam 1- phenyimothy). HiMs deny ellendi	E-81+00689	2012	2 2	e chambra
	AND PERSONAL PROPERTY.		Ethylene glysall	107-21-1	45.00%	2011	Agenda a
			Water	7722-1845	Sinte		0.000000
	Section 2015		2-Propenal 3-phenyl	104-55-2	2,000		A THOMAS
			Methylol	(4)5-(4)	2.0030		(C00000)
ProStick 974	ProFrac	Friction Reduker	Potroleiun distillates hydrographed light	57475455	30.60		2000000
			Hiboxylaind Alcolin]	(4888)-13-2	1605	077	0.0000000
ProSurf 17t1	ProFrac	Surfactual	Hegregov nicelies	67,(34)	2000	901.1	0000000
	日本の日本の日本の日本の日本日本日本日本日本日本日本日本日本日本日本日本日本日	The property of the second sec	Methyl alzohol	87.56.1	Totales	100	0.000
	THE STREET		Ethavy Islad Nanyiphenal	052034807701	20000	2000	0.000000
	THE PERSON NAMED IN		(Elly) ricotta)	64.75	2 0000	001-1	TO TO TO TO
BioSoite GQ123x	BioSuite	Biocide	Gluozaldhyde	11130-8	Sings	160	0.0000000
	Control of the Publishers of t		Aliyi dimetiyibeaxi ammonium ahlondo (CI2-16)	[-\$\$+p2+\$9	5,00.5	757	Constant of
ProClust 170	ProFres	Statistical	Nething	197381	1000	101	0.0000000

W >
3.5
O.S
OF
All
N Q
W to a
111
la C

		Tontana	Richland County			15 Stage	0	0				200.	112,600
Fracture Start Date/Time:	Fracture End Date Time:	Stutes N	County, R	API Number:	Operator Number:	Well Name: It	FederalWells No	Tribal Welli No	Longitude	Chainede	LangLatProjection:	True Varienti Death (PVD): 8.	Total Glean Blant Volumes (cill) 2

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. <u>36.22.1106</u> 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 though 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. <u>36.22.1010</u> 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 From No. 2.