

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 Forza Operating, LLC Address 25511 Budde Road, Suite 3404 City Spring State TX Zip Code 77380 Telephone 281-453-8200 Fax _____		Lease Name: Grinde Type (Private/State/Federal/Tribal/Allotted): Private Well Number: 20-1H
Location of well (1/4-1/4 section and footage measurements): NENE, Section 20, T35N, R1E 240' FNL x 940' FEL		Unit Agreement Name: NOV 22 2022 Field Name or Wildcat: MONTANA BOARD OF OIL & GAS CONSERVATION - BILLINGS Wildcat _____ Township, Range, and Section: T35N, R1E, Section 20 County: Toole
API Number: 25 101 24285 State County Well	Well Type (oil, gas, injection, other): oil	

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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 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) _____ <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.

Forza Operating plans to hydraulically fracture 24 stages of the Nisku Formation late November 2022 using 20/40 sand and linear gel. All volumes are attached with job disclosure.

I have attached a WBD and a complete Chemical disclosure for all chemicals being used in the stimulation.

Max Anticipated Frac pressure 8700 psi.

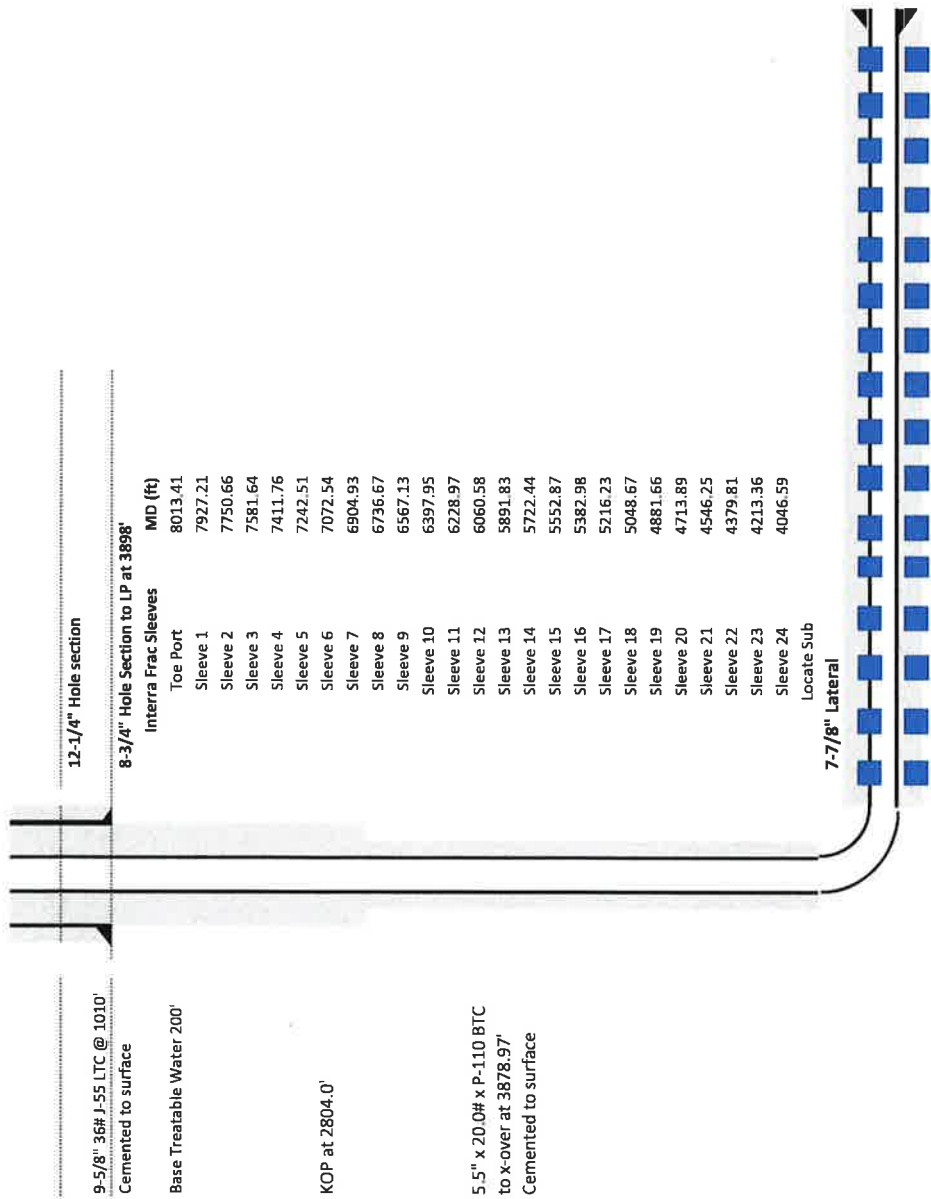
BOARD USE ONLY	
Approved NOV 22 2022 Date	
 Name	Admin/Asst. Engineer Title

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

11/22/2022 Date	 Signed (Agent)
Karen Granad - Regulatory Print Name and Title	
Telephone: 281-453-8200	

Forza Operating, LLC

Well Name: Grinde 20-1H
 County, State: Toole, MT
 API: 25-101-24285
 Surface Location: NE1/4NE1/4 20, T35N, R1E
 Landing Point: SENE Section 20
 Bottom Hole Location: SESE Section 20



Section / Feature	MD (ft)
9-5/8" 36# J-55 LTC @ 1010' Cemented to surface	
Base Treatable Water 200'	
KOP at 2804.0'	
5.5" x 20.0# x P-110 BTC to x-over at 3878.97' Cemented to surface	
12-1/4" Hole section	
8-3/4" Hole Section to LP at 3898'	
Intra Frac Sleeves	
Toe Port	8013.41
Sleeve 1	7927.21
Sleeve 2	7750.66
Sleeve 3	7581.64
Sleeve 4	7411.76
Sleeve 5	7242.51
Sleeve 6	7072.54
Sleeve 7	6904.93
Sleeve 8	6736.67
Sleeve 9	6567.13
Sleeve 10	6397.95
Sleeve 11	6228.97
Sleeve 12	6060.58
Sleeve 13	5891.83
Sleeve 14	5722.44
Sleeve 15	5552.87
Sleeve 16	5382.98
Sleeve 17	5216.23
Sleeve 18	5048.67
Sleeve 19	4881.66
Sleeve 20	4713.89
Sleeve 21	4546.25
Sleeve 22	4379.81
Sleeve 23	4213.36
Sleeve 24	4046.59
Locate Sub	
7-7/8" Lateral	
4-1/2" x 13.5# x P-110 BTC at 8152'	

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MONTANA BOARD OF OIL & GAS CONSERVATION • BILLINGS

Client: Forza Operating, LLC
 Disclosure Type: Pre-Job
 Well: Grinde 20-1H
 Basin/Field: Wildcat Toole
 State: Montana
 County: Toole
 Well Completed: NO
 Date Prepared: 11/22/2022



Fluid Name	Volume (gal)	Additive	Additive Description	Concentration	Volume
Acid, Linear and Crosslink Gel	840,072	40/70 Mesh	Proppant	Varied Concentrations	17640 lb
		20/40 Mesh	Proppant	Varied Concentrations	879960 lb
		20/40 Prime Plus	Proppant	Varied Concentrations	352080 lb
		HCl-15	Solvent	4.20 gal / 1000 gal	3528 gal
		ELEWG-12	Gelling Agent	5.37 gal / 1000 gal	4512 gal
		ELEBX-10	Crosslinker	0.94 gal / 1000 gal	786 gal
		ELECCL-10	Clay Control	1.00 gal / 1000 gal	837 gal
		ELENE-4	Non-Emulsifier	1.00 gal / 1000 gal	837 gal
		Biosuite GQ123x	Bactericide/Biocide	0.25 gal / 1000 gal	209 gal
		ELEScale-2	Scale Inhibitor	0.50 gal / 1000 gal	418 gal
		ELEGB-2HPH	Breaker	0.27 gal / 1000 gal	226 gal
		ELE-Glide Lubricant	Friction Reducer	0.23 gal / 1000 gal	190 gal
		K-BAC 1020	Bactericide/Biocide	0.02 gal / 1000 gal	21 gal

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CAS Number	Chemical Name	Mass Fraction
7732-18-5	Water	83.79969%
14808-60-7	Crystalline Silica (Quartz)	10.52502%
14808-60-7	Crystalline Silica (Quartz)	4.21115%
9000-30-0	Guar	0.29366%
14808-60-7	Crystalline Silica (Quartz)	0.21099%
64742-47-8	Distillates (petroleum), hydrotreated light	0.14683%
64742-55-8	Hydrotreated light paraffinic distillate	0.14683%
7732-18-5	Water	0.06740%
7732-18-5	Water	0.06430%
7647-01-0	Hydrochloric Acid	0.05666%
7732-18-5	Water	0.03757%
67-56-1	Methanol	0.03757%
127087-87-0	Poly(oxy-1,2-ethanediyl),alpha-(4-nonylphenyl)-omega-hydroxy-,branched	0.03426%
1310-58-3	Potassium Hydroxide	0.03215%
10043-35-3	Boric Acid	0.03215%
7786-30-3	Magnesium chloride	0.02442%
9004-54-0	Dextran	0.02442%
7447-40-7	Potassium Chloride	0.01954%
107-21-1	Ethylene Glycol	0.01718%
67-56-1	Methanol	0.01210%
111-30-8	Glutaraldehyde	0.00319%
9041-33-2	Polyalkylene Oxide	0.00150%
25322-68-3	Polyethylene glycol	0.00131%
127087-87-0	Poly(oxy-1,2-ethanediyl),alpha-(4-nonylphenyl)-omega-hydroxy-,branched	0.00120%
111-76-2	Ethylene Glycol Monobutyl Ether	0.00120%
7173-51-5	Didecyl dimethyl ammonium chloride	0.00106%
68424-85-1	Alkyl dimethyl benzyl ammonium chloride	0.00106%
7732-18-5	Water	0.00078%
15827-60-8	Organophosphonate	0.00060%
10222-01-2	2,2-Dibromo-3-nitriopropanamide	0.00055%
4719-04-4	Preservative	0.00049%
107-21-1	Ethylene Glycol	0.00040%
25322-68-3	Polyethylene glycol	0.00017%
9014-93-1	Dinonylphenyl polyoxyethylene	0.00017%
7647-01-0	Hydrochloric Acid	0.00010%
Total		100%

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