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Submit In Quadruplicate To:

**MONTANA BOARD OF OIL AND GAS CONSERVATION
2535 ST. JOHNS AVENUE
BILLINGS, MONTANA 59102****MONTANA BOARD OF OIL &
GAS CONSERVATION - BILLINGS****SUNDRY NOTICES AND REPORT OF WELLS**

Operator MorningStar Operating LLC		Lease Name: Donkey Kong
Address 400 W. 7th Street		Type (Private/State/Federal/Tribal/Allotted): Private
City Fort Worth	State TX	Zip Code 76102
Telephone 817-334-8096		Fax
Location of well (1/4-1/4 section and footage measurements): NWNE 352' FNL & 1920' FEL (Sec. 34-T25N-R54E)		Well Number: 27-16-2HX
		Unit Agreement Name:
		Field Name or Wildcat: Wildcat Richland
		Township, Range, and Section: Section 34: T25N-R54E
API Number: 25 083 23591	Well Type (oil, gas, injection, other): Oil	County: Richland County
State	County	Well

Indicate below with an X the nature of this notice, report, or other data:

Notice of Intention to Change Plans	☐	Subsequent Report of Mechanical Integrity Test	☐
Notice of Intention to Run Mechanical Integrity Test	☐	Subsequent Report of Stimulation or Treatment	☐
Notice of Intention to Stimulate or to Chemically Treat	☐	Subsequent Report of Perforation or Cementing	☐
Notice of Intention to Perforate or to Cement	☒	Subsequent Report of Well Abandonment	☐
Notice of Intention to Abandon Well	☐	Subsequent Report of Pulled or Altered Casing	☐
Notice of Intention to Pull or Alter Casing	☐	Subsequent Report of Drilling Waste Disposal	☐
Notice of Intention to Change Well Status	☐	Subsequent Report of Production Waste Disposal	☐
Supplemental Well History	☐	Subsequent Report of Change in Well Status	☐
Other (specify) <u>Pre-Frac Chemical Disclosure</u>	☐	Subsequent Report of Gas Analysis (ARM 36.22.1222)	☐
	☐	Subsequent Report of	☐

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.

Per APD COA requirements, MorningStar Operating LLC respectfully requests approval of the attached pre-job Chemical Disclosure in order to begin frac job. Work is estimated to begin on 8/5/2026

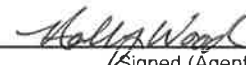
- Total volume = 19.5 MM gallons

- Maximum anticipated treating pressure is 9,500 psi down 7" 32# P-110 casing (12,460 psi Internal Yield) and 4.5" 13.5# P-110 liner (12,410 psi Int

Attachments: Pre-Job Chemical Disclosure.

BOARD USE ONLY	
Approved JUL 31 2026	Date
	Technical Program Coordinator
Name	Title

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

07/23/2026	
Date	Signed (Agent)
Holly Wood, Regulatory Analyst	
Print Name and Title	
Telephone:	817-334-8088

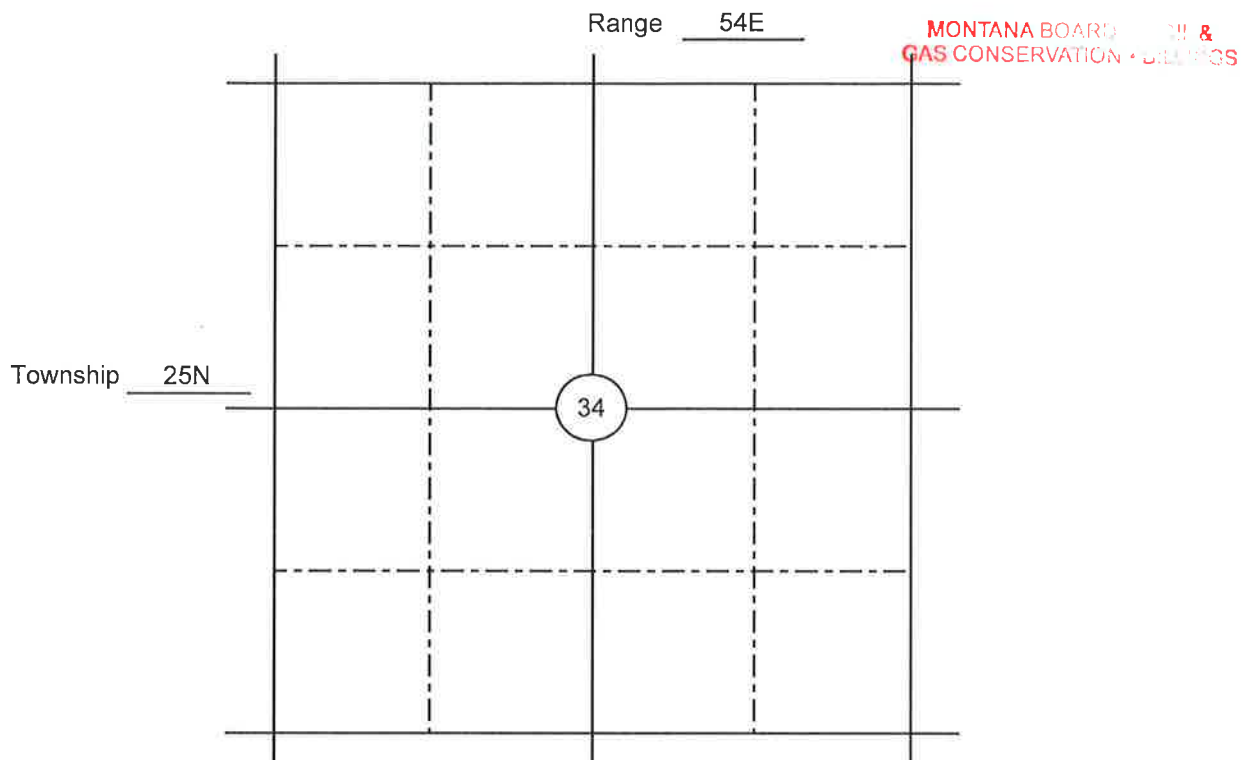
SUPPLEMENTAL INFORMATION

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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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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.

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Fracture Start Date/Time:	8/7/26 0:00
Fracture End Date/Time:	8/22/26 0:00
State:	Montana
County:	Richland
API Number:	25-083-23591-0000
Operator Number:	
Well Name:	Donkey Kong 27-15-2HX
Federal Well:	
Indian Well:	
Longitude:	104.727448
Latitude:	47.881196
Long/Lat Projection:	NAD83
True Vertical Depth (TVD):	
Total Clean Fluid Volume* (gal):	19,502,508



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MONTANA BOARD OF OIL &
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Water Sources	Well Type:	% Of Total Clean (use whole numbers)

Additive	Specific Gravity	Additive Quantity	Mass (lbs)
ACL-410	8.88	100.00	888
BEZ-58	8.92	100.00	892
Crystalline Silica Quartz	(already reported in lbs)	11,589,750.00	11,589,750
DF-36S	8.76	100.00	876
Enviro-Syn HCR-7000-WL	9.22	100.00	922
Enviro-Syn HCR-7000-WL+	9.05	100.00	905
FRP-10S	9.60	100.00	960
FRP-1S	9.17	14,627.00	134,188
FRS-HV8100	12.51	100.00	1,251
FRS-HV8200	8.50	100.00	850
HCL-28	9.50	100.00	950
HCL-36	9.84	100.00	984
IC-50S	10.33	100.00	1,033
K-BAC 50510W	8.84	4,876.00	43,104
K-BAC 50510W	8.43	100.00	843
Liberty Clean Out Fluid	8.16	100.00	816
Produced Brine Water	9.40	100.00	940
Resin Coated Sand / Sanitol	(already reported in lbs)	3,391,500.00	3,391,500
SCL-78	8.93	4,876.00	43,552
SCL-78NDW	9.38	100.00	938
SCL-78W	9.06	100.00	906
SCL-78XW	9.21	100.00	921
SFT-592	8.43	2,535.00	21,368
SFT-NE43B	8.23	100.00	823
SFT-NE45BIO	8.72	100.00	872
Soda Ash	(already reported in lbs)	100.00	100
WA-100	8.92	100.00	892
Water	8.34	19,502,507.63	162,650,914
AI1-7	9.76	100.00	976
Total Slurry Mass (Lbs)			177,893,912

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
Produced Brine Water	Operator	Carrier	Produced Brine Water	7732-18-5		940	0.00053%	
Water	Operator	Carrier	Water	7732-18-5	100.00000%	162,650,914	91.43141%	
DF-36S	Italmatch Chemicals	Defoamer	MSDS and Non-MSDS Ingredients Listed Below					
FRS-HV8200	Liberty Energy	Friction Reducer	MSDS and Non-MSDS Ingredients Listed Below					
SCL-78	Liberty Energy	Scale Inhibitor	MSDS and Non-MSDS Ingredients Listed Below					
K-BAC 50510	Italmatch Chemicals	Biocide	MSDS and Non-MSDS Ingredients Listed Below					
FRP-10S	Liberty Energy	Friction Reducer	MSDS and Non-MSDS Ingredients Listed Below					
SCL-78XW	Liberty Energy	Scale Inhibitor	MSDS and Non-MSDS Ingredients Listed Below					
FRP-1S	Liberty Energy	Friction Reducer	MSDS and Non-MSDS Ingredients Listed Below					
FRS-HV8100	Liberty Energy	Friction Reducer	MSDS and Non-MSDS Ingredients Listed Below					
AI1-7	Liberty Energy	Acid Additive Mixture	MSDS and Non-MSDS Ingredients Listed Below					
Enviro-Syn HCR-7000-WL+	Fluid Energy Group	Solvent	MSDS and Non-MSDS Ingredients Listed Below					
SCL-78W	Liberty Energy	Scale Inhibitor	MSDS and Non-MSDS Ingredients Listed Below					
K-BAC 50510W	Italmatch Chemicals	Biocide	MSDS and Non-MSDS Ingredients Listed Below					
SFT-592	Liberty Energy	Surfactant	MSDS and Non-MSDS Ingredients Listed Below					
HCL-36	Liberty Energy	Acid	MSDS and Non-MSDS Ingredients Listed Below					
HCL-28	Liberty Energy	Acid	MSDS and Non-MSDS Ingredients Listed Below					
Soda Ash	Liberty Energy	Buffer	MSDS and Non-MSDS Ingredients Listed Below					
WA-100	Italmatch Chemicals	Wetting Agent	MSDS and Non-MSDS Ingredients Listed Below					
Crystalline Silica Quartz	Liberty Energy	Proppant	MSDS and Non-MSDS Ingredients Listed Below					
ACL-410	Italmatch Chemicals	Corrosion Inhibitor	MSDS and Non-MSDS Ingredients Listed Below					
SCL-78NDW	Liberty Energy	Scale Inhibitor	MSDS and Non-MSDS Ingredients Listed Below					
Liberty Clean Out Fluid	Liberty Energy	Cleanup Solution	MSDS and Non-MSDS Ingredients Listed Below					
SFT-NE43B	Liberty Energy	Surfactant	MSDS and Non-MSDS Ingredients Listed Below					
IC-50S	Italmatch Chemicals	Iron Control	MSDS and Non-MSDS Ingredients Listed Below					
BEZ-58	Liberty Energy	Breaker	MSDS and Non-MSDS Ingredients Listed Below					
Resin Coated Sand / Sanitol	Liberty Energy	Proppant	MSDS and Non-MSDS Ingredients Listed Below					
SFT-NE45BIO	Liberty Energy	Surfactant	MSDS and Non-MSDS Ingredients Listed Below					

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Enviro-Syn HCR-7000-WL	Fluid Energy Group	Solvent	MSDS and Non-MSDS Ingredients Listed Below	The trade name(s) of the additive(s) used, supplier(s), and the purpose(s) of the additive(s) are listed above.	The ingredient(s) for the above additive(s) are listed below.			
			Crystalline Silica (quartz)	14808-60-7	76.0380%	11,589.730	6.51498%	
			Phenol-Formaldehyde Resin	9003-35-4	22.1397%	3,374.543	1.89694%	
			Water	7732-18-5	0.3522%	169.375	0.09532%	
			Water	7732-18-5	0.2829%	53.675	0.03017%	
			2-Propenoic acid, polymer with 2-propanamide, sodium	25987-30-8	0.2729%	43.117	0.02424%	
			Distillates (petroleum), hydrotreated light	64742-47-8	0.2641%	41.598	0.02338%	
			Water	7732-18-5	0.2262%	40.256	0.02263%	
			Dodecylbenzenesulfonic acid, monoethanolamine salt	26836-07-7	0.0561%	34.483	0.01938%	
			Water	7732-18-5	0.0491%	8.547	0.00480%	
			Alcohols, C12-16, ethoxylated	68551-12-2	0.0440%	7.479	0.00420%	
			Methanol	67-56-1	0.0421%	6.709	0.00377%	
			Quaternary ammonium compounds, benzyl-C12-16-alkyl	68424-85-1	0.0297%	6.410	0.00360%	
			Phosphonic acid, [(2-(2-hydroxyethyl)phosphono)ethyl]phosphonic acid	129828-36-0	0.0286%	4.526	0.00234%	
			Sorbitan monooleate	1338-43-8	0.0264%	4.355	0.00245%	
			Glutaraldehyde	111-30-8	0.0148%	4.026	0.00226%	
			Urea	57-13-6	0.0088%	2.263	0.00127%	
			Ethyl alcohol	64-17-5	0.0085%	1.342	0.00075%	
			Sodium C14-16 olefin sulfonate	68439-57-6	0.0070%	1.293	0.00073%	
			Water	7732-18-5	0.0053%	1.068	0.00060%	
			polyacrylamide	9003-05-8	0.0050%	815	0.00046%	
			Water	7732-18-5	0.0045%	770	0.00043%	
			Oxygenate and paraffinic stream	876065-86-0	0.0044%	688	0.00039%	
			2-hydroxypropane-1,2,3-tricarboxylic acid	77-92-9	0.0043%	684	0.00038%	
			Water	7732-18-5	0.0042%	674	0.00038%	
			Water	7732-18-5	0.0041%	650	0.00037%	
			Water	7732-18-5	0.0037%	644	0.00036%	
			Water	7732-18-5	0.0035%	629	0.00035%	
			Water	7732-18-5	0.0032%	566	0.00032%	
			Water	7732-18-5	0.0031%	563	0.00032%	
			Water	7732-18-5	0.0031%	535	0.00032%	
			Water	7732-18-5	0.0031%	533	0.00030%	
			Ethylene Glycol	107-21-1	0.0031%	506	0.00028%	
			Water	7732-18-5	0.0028%	469	0.00026%	
			Polyacrylamide	9003-05-8	0.0028%	432	0.00024%	
			Hydro-treated distillate, light	64742-47-8	0.0028%	425	0.00024%	
			Water	7732-18-5	0.0024%	371	0.00021%	
			Ethylene Glycol	107-21-1	0.0024%	368	0.00021%	
			Ethoxylated Decyl Alcohol	78330-20-8	0.0023%	357	0.00020%	
			Hydrochloric Acid	7647-01-0	0.0023%	354	0.00020%	
			2-Propenoic acid, polymer with 2-propanamide, sodium	25987-30-8	0.0020%	298	0.00017%	
			Hydrochloric Acid	7647-01-0	0.0018%	276	0.00016%	
			Hydrochloric Acid	7647-01-0	0.0018%	272	0.00015%	
			Propylene Glycol	57-55-6	0.0018%	268	0.00015%	
			Pyrrolidinium, 1-(phenylmethyl)-, ethyl methyl derivs., ch	68909-18-2	0.0017%	266	0.00015%	
			Hydrochloric Acid	7647-01-0	0.0017%	266	0.00015%	
			Ethylene Glycol	107-21-1	0.0016%	241	0.00014%	
			Distillates (petroleum), hydrotreated light	64742-47-8	0.0016%	240	0.00013%	
			Redacted ingredients	Proprietary	0.0015%	226	0.00013%	
			Propylene glycol	57-55-6	0.0015%	226	0.00013%	
			Tail oil fatty acid	61790-12-3	0.0015%	226	0.00013%	
			Poly(oxy-1,2-ethanediyl), alpha-hexyl-omega-hydroxy-	31726-34-8	0.0015%	226	0.00013%	
			Formic Acid	64-18-6	0.0015%	226	0.00013%	
			Sodium chloride	7647-14-5	0.0015%	226	0.00013%	
			Sodium benzoate	532-32-1	0.0015%	226	0.00013%	
			Water	7732-18-5	0.0015%	223	0.00013%	
			Methanol	67-56-1	0.0014%	219	0.00012%	
			Formic acid	64-18-6	0.0013%	195	0.00011%	
			Cinnamaldehyde	104-55-2	0.0013%	195	0.00011%	
			Clitic acid	77-92-9	0.0013%	195	0.00011%	
			Acetophenone, thiourea, formaldehyde polymer	68527-49-1	0.0013%	195	0.00011%	
			Ethylene Glycol	107-21-1	0.0013%	195	0.00011%	

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