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MONTANA BOARD OF OIL &
GAS CONSERVATION • BILLINGS

Coyote Resources LLC
a Wholly Owned Subsidiary of

U.S. ENERGY CORP.

Corporate Office:
1616 S. Voss Rd., Suite 725
Houston, Texas 77057
Ph: (346) 509-8734
www.usnrg.com

November 1, 2026

Montana Board of Oil & Gas Conservation
2535 St. Johns Avenue
Billings, MT 59101

Attn. John Gizicki
UIC Program Director

Re: Request for Underground Injection Permit
Big Rose Colony #2-34
Duperow Formation, Section 34 of T34N R1W
Toole County, Montana

Dear Mr. Gizicki,

Please find the enclosed Underground Injection Control (UIC) Class II application by Coyote Resources LLC which requests the granting of authority to drill and inject produced oil and gas waste into the Duperow Formation at the proposed Big Rose Colony #2-34. Coyote Resources requests that the application be placed on the default docket for the Montana Board of Oil and Gas Conservation hearing scheduled for December 9-10, 2026.

Sincerely,
Coyote Resources LLC

Kip Ferguson
VP - Business Development

Attachments;

BEFORE THE BOARD OF OIL AND GAS CONSERVATION OF THE STATE OF MONTANA

IN THE MATTER OF THE APPLICATION OF COYOTE RESOURCES LLC FOR A CLASS II UNDERGROUND INJECTION CONTROL PERMIT FOR THE COYOTE BIG ROSE COLONY 2-34 WELL LOCATED 250' FSL AND 2,640' FWL OF SECTION 34, TOWNSHIP 34 NORTH, RANGE 1 WEST, TOOLE COUNTY.	**AFFIDAVIT OF MAILING** **DOCKET NO. ____ - 2026**

STATE OF MONTANA)
:ss.
County of Toole)

I, Karen L. Young, Lee Law Office, PC, P.O. Box 790, Shelby, Montana 59474, for and on behalf of Coyote Resources LLC, 1616 S. Voss Road, Suite 725, Houston, Texas 77057, do hereby certify and declare that I mailed a true and correct photocopy of Exhibit "A" attached hereto by depositing the same in the United States Post Office at Shelby, Montana, postage prepaid, on November 2, 2026, to each of the following parties:

Ronald B. Munson Farms, Inc.
955 Sunrise Terrace
Shelby, MT 59474-1687

KeeSun Corp.
P.O. Box 430
Cut Bank, MT 59427

Coyote Resources LLC
1616 S. Voss Road, Suite 725
Houston, TX 77057

Wavetech Helium, Inc.
1801 Broadway, Suite 600
Denver, CO 80202

A. B. Energy LLC
P.O. Box 668
Chester, MT 59522

Taylor Well Operating Inc.
1216 Landons Way
Missoula, MT 59803

Big Rose Colony, Inc.
P.O. Box 905
Shelby, MT 59474-0905

Tom E. Swanson
P.O. Box 3215
Casper, WY 82602

Karen L. Young, Paralegal

SUBSCRIBED AND SWORN TO before me on November 2, 2026.

ROBIN FRYDENLUND
NOTARY PUBLIC for the
STATE OF MONTANA
Residing in Shelby, Montana
My Commission Expires
December 26, 2026

Notary Public for the State of Montana

EXHIBIT " A"

BEFORE THE BOARD OF OIL AND GAS CONSERVATION

OF THE STATE OF MONTANA

IN THE MATTER OF THE APPLICATION OF COYOTE RESOURCES LLC FOR A CLASS II UNDERGROUND INJECTION CONTROL PERMIT FOR THE COYOTE BIG ROSE COLONY 2-34 WELL LOCATED 250' FSL AND 2,640' FWL OF SECTION 34, TOWNSHIP 34 NORTH, RANGE 1 WEST, TOOLE COUNTY.	**NOTICE OF APPLICATION** **DOCKET NO. _____ - 2026**

You are hereby notified that Coyote Resources LLC, 1616 S. Voss Road, Suite 725, Houston, Texas 77057, has applied for a Class II Underground Injection Control Permit for its Coyote Big Rose Colony 2-34 well located 250' FSL and 2,640' FWL of Section 34, Township 34 North, Range 1 West, MPM, Toole County.

The Project Area the subject of the above Application consists of the SE¼SE¼SW¼ and SW¼SW¼SE¼ of Section 34, Township 34 North, Range 1 West, Toole County.

The Area of Review concerning the above Project Area consists of the S½SE¼SW¼ and S½SW¼SE¼ of Section 34, Township 34 North, Range 1 West, and the N½NE¼NW¼ and N½NW¼NE¼ of Section 3, Township 33 North, Range 1 West, Toole County.

The Application concerning the above matter will be heard by the Montana Board of Oil and Gas Conservation ("MBOGC") on December 10, 2026, beginning at 9:00 a.m. at the MBOGC Hearing Room, 2535 St. Johns Avenue, Billings, Montana 59102.

A photocopy of the complete Application will be on file with the MBOGC at the above address as of November 10, 2026, and thereafter.

For more information or if you have questions with regard to the above matter contact the undersigned and/or H. C. "Kip" Ferguson, II, at kferguson@usnrg.com, 713-252-7251.

Dated November 2, 2026.

COYOTE RESOURCES LLC

By: 

Don R. Lee, Attorney for Applicant
Lee Law Office PC
158 Main Street – P.O. Box 790
Shelby, MT 59474
Telephone: (406) 434-5244
Facsimile: (406) 434-5246
Email: don@leelawofficepc.com

STATE OF MONTANA
Board of Oil and Gas Conservation

Docket No:_____

Underground Injection Control Application

Coyote Resources LLC

Big Rose Colony 2-34
25-101-24- Pending
Section 34, T34N-R1W
Toole County, Montana

Kip Ferguson Geoff Gayle
Tug Eiden
P. Bornman

Coyote Resources LLC
1616 Voss Road, Suite725
Houston, Texas 77057

Coyote Resources LLC
Big Rose Colony 2-34
25-101-24287
T34N-R1W, Section 34
Underground Injection Control (UIC) Class II Application

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Big Rose Colony 2-34
UIC-Class II Application
Toole County, Montana

Introduction

The Kevin Dome Area in Toole County, Montana is a mature oil & gas producing region discovered in 1922 that has produced or currently produces from numerous shallow formations through primary and secondary processes. However, there are additional recoverable reserves in the deeper formations and additional shallower reserves recoverable through tertiary CO_2 flooding. These additional oil & gas reserves are stranded due to the lack of processing and CO_2 infrastructure availability.

The proposed Big Rose Colony 2-34 injection well is a new well to be drilled south of the Big Rose Colony 1-34 Class II well and will support oil and gas operations as described in 36.22.1401 Definitions Number 4 of the Administrative Rules of Montana.

This report and data support the Coyote Resources' UIC Class II application for the Coyote Resources Big Rose Colony 2-34 well within the Kevin Dome Area, Wildcat Field, Toole County, MT., as required by 36.22.1403 of the Administrative Rules of Montana and the DNRC Board of Oil and Gas Conservation.

1(a) Well Location

The Big Rose Colony 2-34 is to be drilled in the Spring of 2027 to a depth of ~3300' and completed as an injection well within the Duperow Formation in Kevin Dome Area/Wildcat Field in Toole County, Montana in Section 34, T34N - R1W. Figure 1 illustrates the surface location and a ¼ mile radius representing the Area of Review ("AOR") for this well.

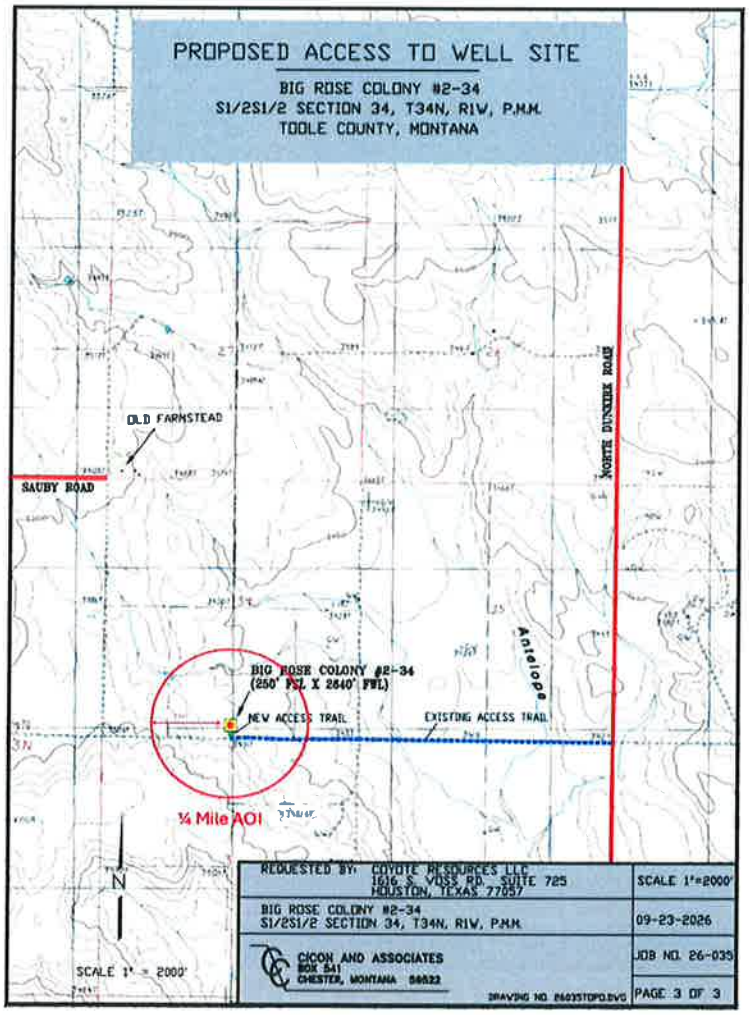


Figure 1: Surface Location and AOR for the Big Rose Colony 2-34

1(b) Wells Located within the ¼ mile AOR:

There is one well in the ¼ mile AOR – 25-101-23660 which has been plugged (Black Dashed Circle on Figure 2 below). The one shallow well was P&A'd, and it did not penetrate the Middle Duperow. Additionally, there is one well within a 1-mile radius (Green Dashed Circle and Figure 3) of the Big Rose Colony 2-34 that penetrated the injection or confining zone. The well is the Big Rose Colony 1-34 and this well is an approved Class II Injector for the Coyote Resources' operations. Table 1 below lists all wells produced within ¼ mile of the proposed injection well Section 34 and in Section 3.

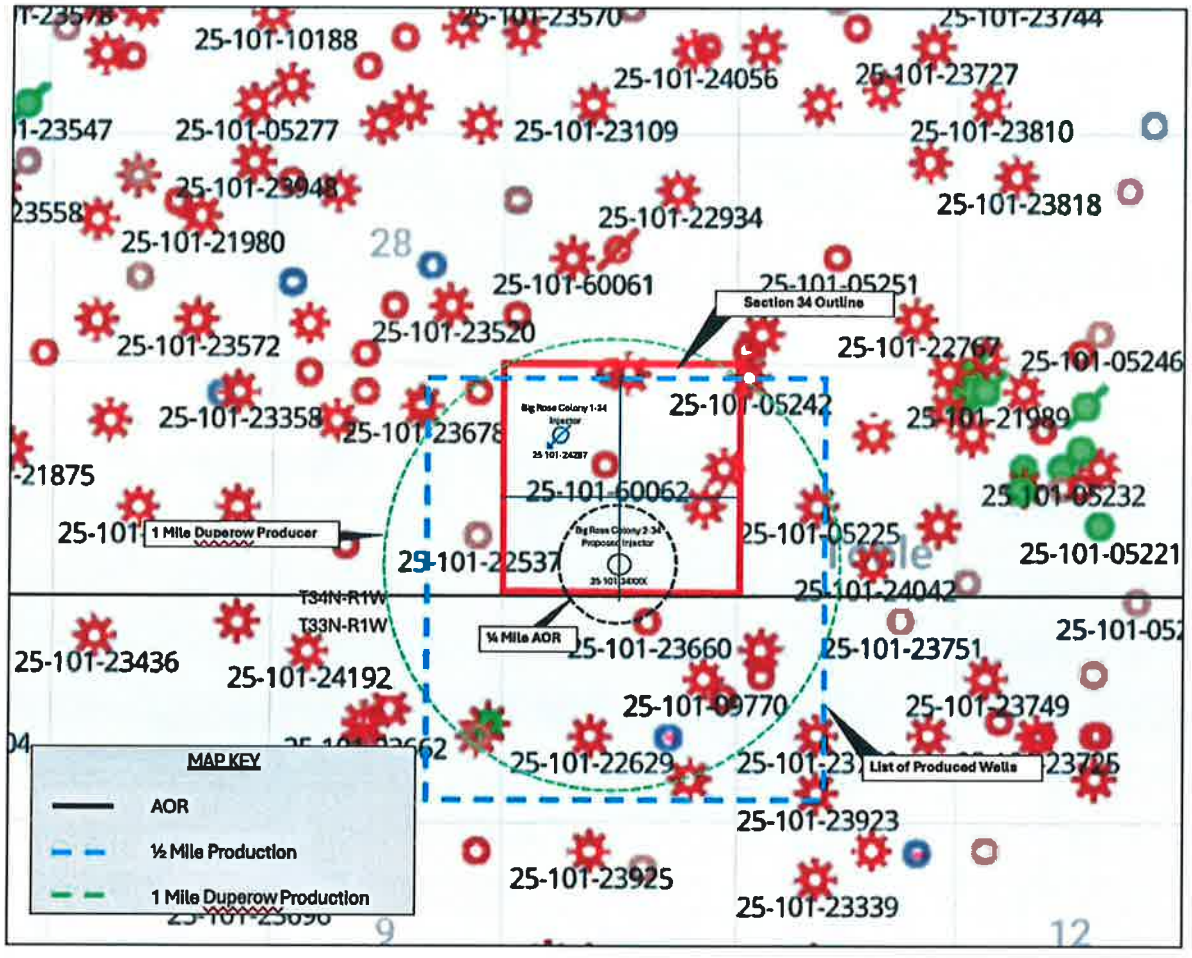


Figure 2: Well Map of All Wells (Source: Montana Board of Oil and Gas Conservation & Enverus)

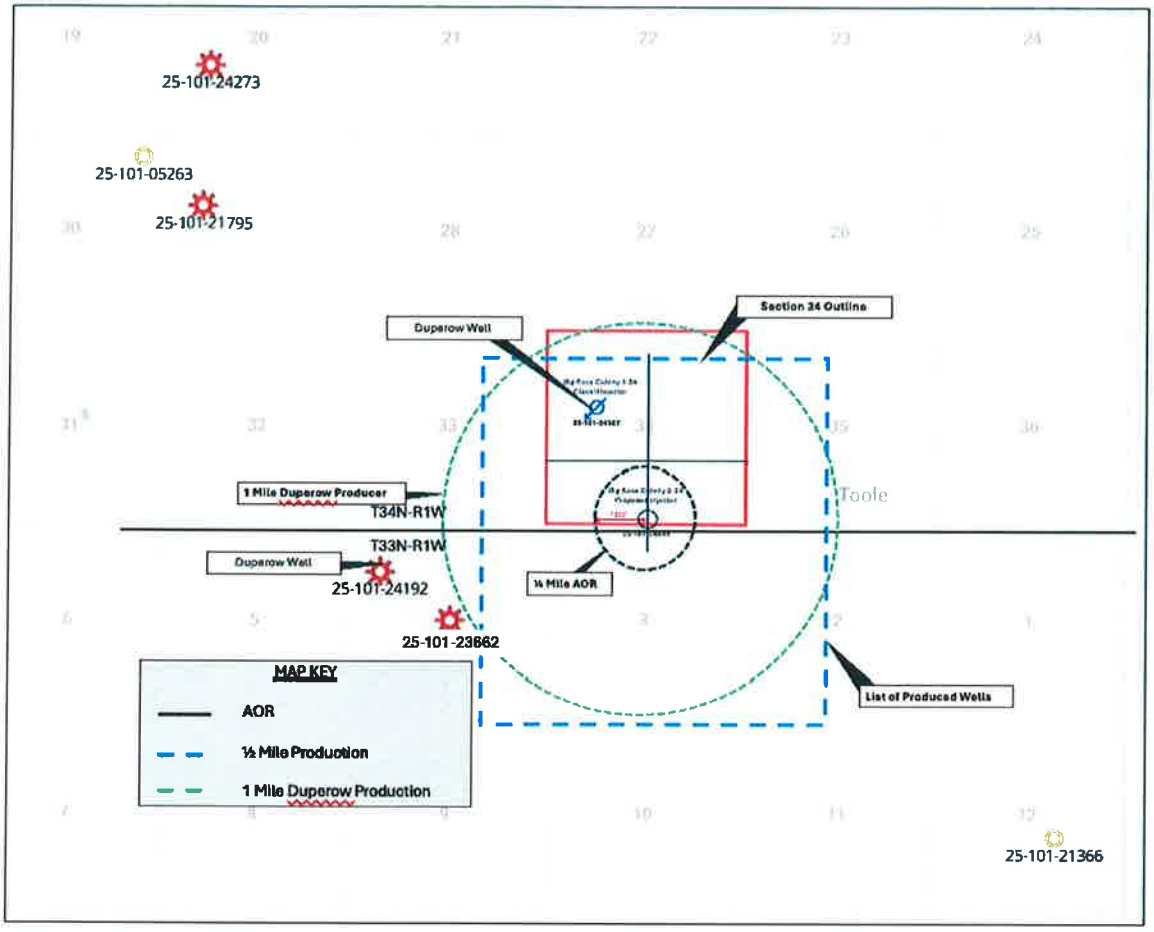


Figure 3: Well Map of 2 Wells that penetrated the Middle Duperow (3000'+) (Source: Enverus & Coyote Energy)

Township /Range	Sec	API	Well Name	Comp Date	Logs	Status	TD	Formation	Prod Interval
33N-R1W	3	25-101-23660	SEWARD 2-3	10-4-1995	YES	P&A	1250	Sunburst	1173-78

Table 1: Produced Wells in AOR

1(c) Location of All Pipelines:

The proposed Wolf Gas Processing Plant will be located at a nearby location in Section 24, T34N-R2W and connected to the proposed injection pipeline and supporting the Big Rose Colony 2-34 injection well. The injection pipeline will follow the proposed route illustrated in green on Figure 4 below.

Injection fluids are expected to be from the processing of oil and gas production from the Kiefer Farms 1-20, the Willow Flats 1-19, the Glacier Ridge 1-28 well, the proposed Glacier Ridge #2 29-28, the proposed Glacier Ridge #3 29-28, and any additional wells required to develop the area. All producing wells are expected to be in T34N-R1W and all the injection fluids will conform to and described in 36.22.1401 Definitions.

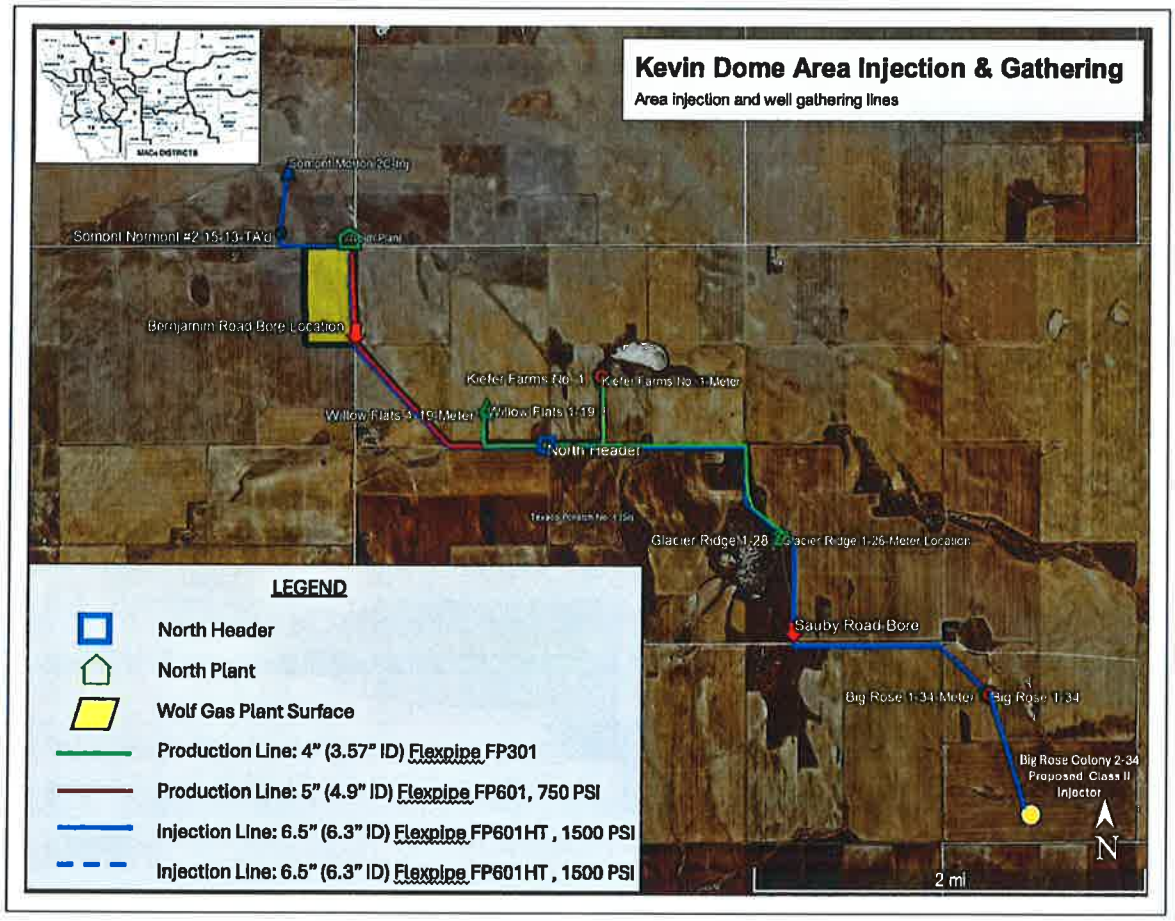


Figure 4: Pipeline and Processing Plant Location Map

1(d) Area Produced and Producing Formations, USDW's, & Water Well Information

In Section 34 and surrounding sections of T34N R1W, Toole County, Montana, the Sunburst Formation (~1,150' MD), Bow Island Formation (~575-600), Swift Formation (~1200'), Swift-Stray Formation (~1295') are currently the only oil or gas producing intervals (please refer to the Table 2 and the Red Square outlined on Figure 2 above). The proposed Middle Duperow injection zone is estimated to be from 3,105' MD 370' SS) through 3,205' MD (275' SS).

Producing or Produced Wells in Section 34 T34N-R1W & N/2 2, T33N-R1W

Township /Range	Sec	API	Well Name	Comp Date	Logs	Status	TD	Formation	Prod Interval
34N-1W	34	25-101-05223	SEWARD (1-0751-1) 3-311	8/15/40	NO	Producing	1250	Sunburst	1150 - ?
34N-1W	34	25-101-05231	CLATHWORTHY (1-0745-1) 2	8/22/41	NO	Producing		Sunburst	1148 - 55
34N-1W	34	25-101-09766	CLATHWORTHY (1-0743) 1	10/9/30	NO	Producing	1300	Unknown	
34N-1W	34	25-101-24287	BIG ROSE 1-34	Proposed	YES			NA	
34N-1W	34	25-101-60060	HECTOR 2	8/20/27	NO	P&A	1168	Sunburst	1110 - 30
34N-1W	34	25-101-60062	HECTOR 3	10/20/28	NO	P&A	1403	Sunburst	1128 – 52
33N-R1W	3	25-101-5223	EWARD (1-0751-1) 3-311	8-15-1940	NO	Producing - Dry Gas	1250	Sunburst	NA
33N-R1W	3	25-101-23660	SEWARD 2-3	10-4-1995	YES	P&A	1250	Sunburst	1173-78
33N-R1W	3	25-101-09770	SEWARD (1-0772-1) 2	8-23-29	NO	Producing – Dry Gas	1465	Sunburst	1172-53
33N-R1W	3	25-101-10354	SEWARD 1	1-19-1924	NO	P&A	1205	Sunburst	1205
33N-R1W	3	25-101-22629	SEWARD 1-3	9-6-1984	YES	Producing		Sunburst-Swift	1280-84, 1148-58
33N-R1W	3	25-101-22682	SEWARD 2	No Data	NO	Producing	No Data	No Data	No Data

Table 2: Section 34 – Wells in N2 Section 3 and S/2 Section 34

No producing wells within the ¼ Mile AOR of Sec 34 (Black Circle in Figure 3 above).

Fresh Water Well Information & 1/2-mile Investigation
Fresh water well data was obtained from the Montana Department of Natural Resources and Conservation, Water Resources Division and the surface owner. According to the Montana Groundwater Maps Bedrock Aquifers, there is no freshwater aquifer in the ½ mile investigation area (Figures 5 & 6)[1].

There are no fresh-water wells located within 1/2 mile of the proposed injection site. According to the surface owner, the water is salty and unusable. The surface owner has constructed a 10-mile water line to bring fresh water into the area for irrigation use.

Any potential USDWs are protected by two strings of casing: 9 5/8" surface casing set at 1,430' MD to protect USDWs and cemented in two stages with 516 sacks of ASTM Type III cement, and 7" production casing was run to 4,643' MD and cemented in two stages with 638 sacks of ASTM Type III cement.

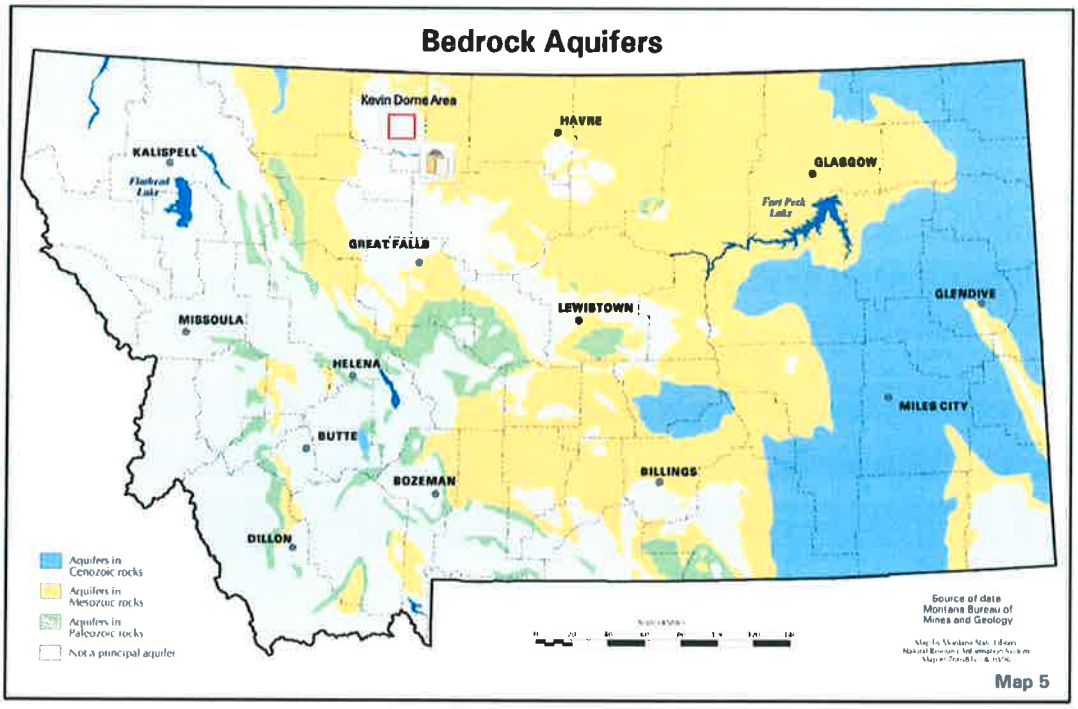


Figure 5: Bedrock Aquifers (Source: Montana.gov)

[1] https://msl.mt.gov/geoinfo/water_information_system/groundwater/groundwater_maps

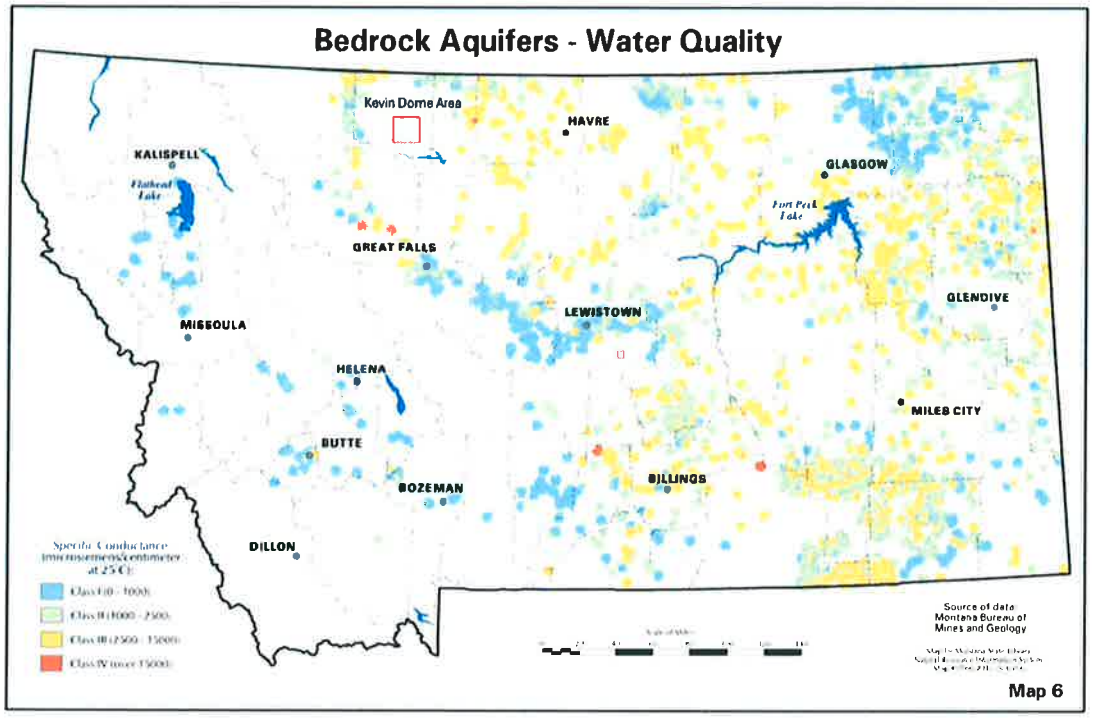


Figure 6: Bedrock Aquifers Water Quality (Source: Montana.gov)

1(e) Name and Geological Description of Injection Zone

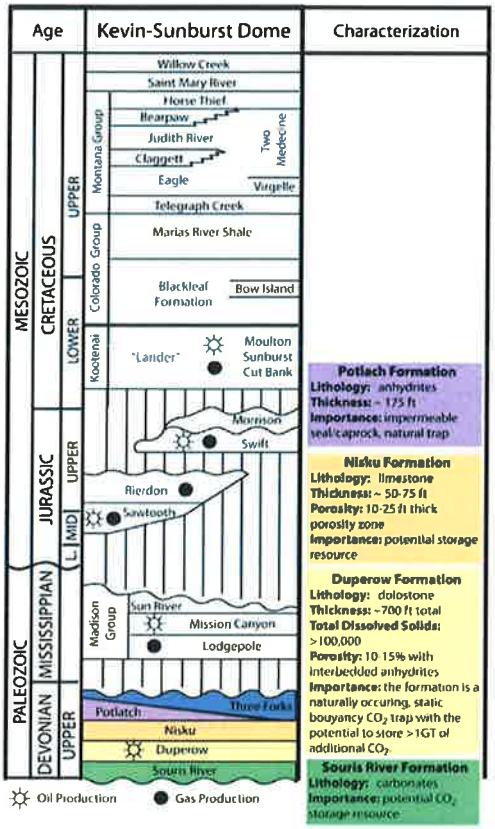
Injection Zone Formation

The Middle Duperow injection zone is a gas reservoir, and the injection fluid processed from the producing oil and gas wells is native to the same reservoir. The Middle Duperow injection zone is encountered in the offset well as follows (please see Figures 5 & 6 below):

Offset Type Well:	Big Rose Colony 1-34
Top:	3,007' MD, (480' SS)
Base:	3,109', (378' SS)
Gross Interval:	102'
Logs:	Big Rose Colony 1-34 injection interval petrophysical analysis is below in Figure 7

Structural Position and Caprock[2]:

The Kevin Dome structure is in the Sweetgrass Arch region in north-central Montana and covers more than 750 square miles. The Upper Devonian Age Middle Duperow Formation and gas reservoir covers 150 square miles and is filled with large reserves of CO_2, Hydrocarbons, Nitrogen, Helium, and other natural gases.



Upper Confining Zone.

The Devonian Formation was deposited in a shallow marine evaporitic environment. Relevant caprocks present include the Potlach Anhydrite over the Nisku These zones comprise thick layers of tight interbedded carbonates and dolomites with interbedded evaporites which seals the Middle Duperow injection zone. As seen in the Big Rose Colony 1-34 well (as provided to the MDOGC) the interbedded anhydrites, tight dolomites, and tight limestones are from 2,531-3,004. The overall confining zone thickness is 473 feet. Thus, making a suitable upper confining zone.

Lower Confining Zone:

As seen in the Big Rose Colony 1-34 well (as provided to the MDOGC), the Lower Duperow is interbedded anhydrites and tight limestones from 3,108-3,650. The overall thickness is 542 feet. Thus, making a suitable lower confining zone.

Middle Duperow rock properties:

The Middle Duperow is a heterogeneous carbonate reservoir. Core analysis and petrophysics shows changes in porosity and permeability at the < 1ft scale that are interpreted to reflect a combination of processes including high order cyclicity and diagenesis.

The most common types of porosity present in Middle Duperow core samples are moldic and intergranular/intercrystalline. Fracture porosity is most conducive to higher permeabilities.[3]

[2] https://netl.doe.gov/coal/carbon-storage/atlas/bscsp/phase-III/kevin-dome#geoDetails

[3] https://netl.doe.gov/sites/default/files/event-proceedings/2015/carbon%20storage/proceedings/Fairweather-poster.pdf

Petrophysics – Offset Injector Type Log

Petrophysical analysis was performed on the Big Rose Colony1-34 well by NuTech[4]. The Average Porosity through the proposed perforated interval is 14.3% and the average permeability through the same section is 89 MD. The detailed petrophysical analysis of the Middle Duperow Zone in the Offset Well is as follows:

Petrophysical Type Log – Injection Zone Perforations:

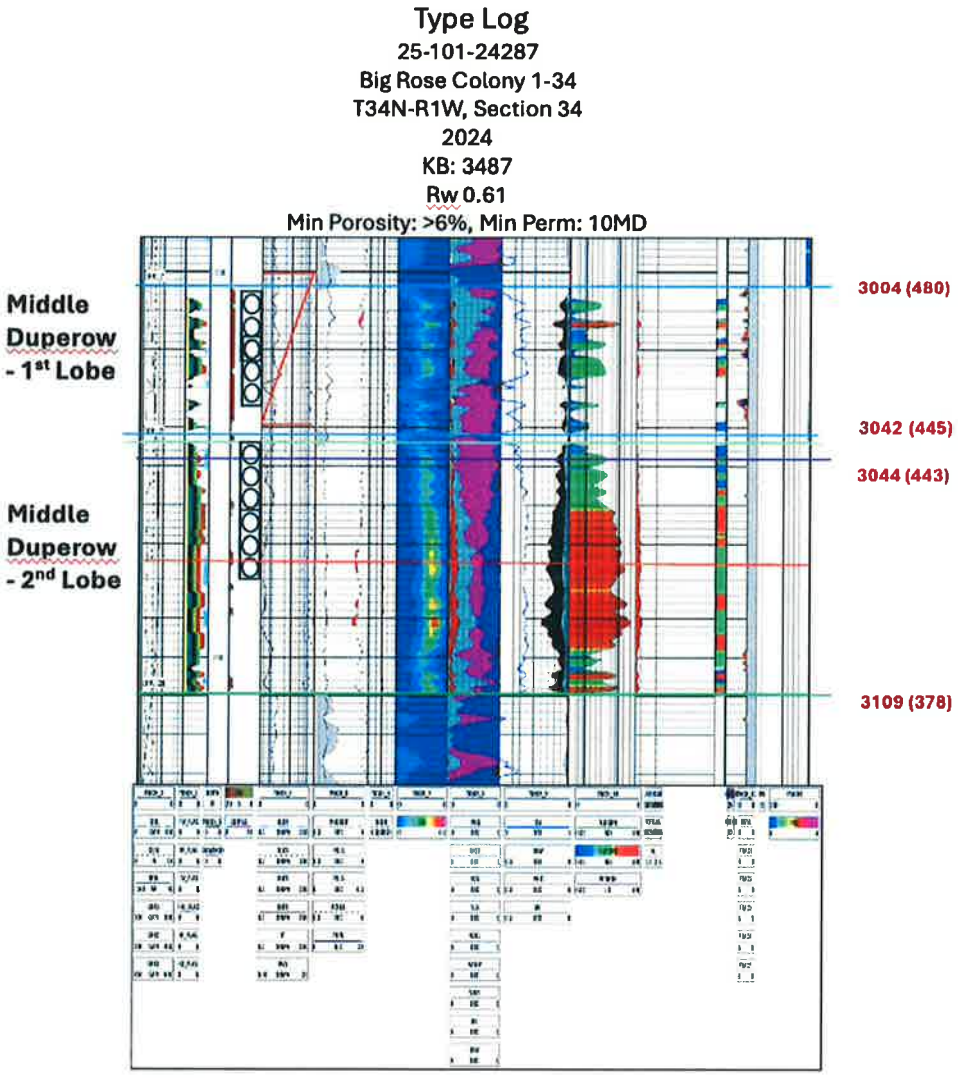


Figure 7: Big Rose Colony 1-34 Petrophysical Type Log

[4] https://www.nutechenergy.com/

Coyote Resources LLC
Big Rose Colony 2-34
25-101-24287
T34N-R1W, Section 34
Underground Injection Control (UIC) Class II Application

Petrophysical Data (1' Intervals)

Middle Duperow		:	3008	to	3040								
DEPTH [FT]	PAYFT	RANK	CLAY [DEC]	PHIE [DEC]	SW [DEC]	NUPERM [MD]	BVtot [DEC]	BVhyd [DEC]	BVwtr [DEC]	BVbnd [DEC]	BVfree [DEC]	HydPorFT [Por-FT]	NUPERMFT [MD-FT]
3008	1	3	0.00	0.061	0.41	1.0584	0.061	0.036	0.025	0.014	0.011	0.036	1.0584
3009	1	2	0.00	0.091	0.24	8.9936	0.091	0.069	0.022	0.019	0.003	0.105	9.0520
3010	1	2	0.00	0.075	0.27	2.7732	0.075	0.054	0.020	0.016	0.004	0.180	10.8231
3011	1	3	0.01	0.047	0.41	0.2614	0.047	0.028	0.019	0.012	0.007	0.188	11.0845
3013	1	2	0.02	0.067	0.31	1.4382	0.067	0.046	0.021	0.016	0.005	0.233	12.5227
3014	1	1	0.03	0.150	0.13	151.2059	0.150	0.130	0.020	0.020	0.000	0.364	163.7287
3016	1	2	0.02	0.068	0.28	1.6467	0.068	0.049	0.019	0.016	0.004	0.412	165.3754
3018	1	3	0.00	0.055	0.37	0.6386	0.055	0.035	0.020	0.013	0.007	0.448	166.0140
3017	1	3	0.00	0.059	0.35	0.8507	0.059	0.038	0.020	0.014	0.006	0.486	166.8647
3018	1	2	0.00	0.064	0.31	1.3358	0.064	0.044	0.020	0.015	0.006	0.530	168.2005
3019	1	1	0.00	0.103	0.20	12.7394	0.103	0.083	0.020	0.020	0.000	0.613	180.9399
3020	1	2	0.00	0.061	0.28	4.1526	0.061	0.060	0.022	0.017	0.004	0.672	185.0925
3022	1	3	0.00	0.047	0.46	0.2784	0.047	0.026	0.022	0.012	0.010	0.698	185.3710
3023	1	2	0.00	0.083	0.26	4.6945	0.083	0.062	0.022	0.018	0.004	0.759	190.0655
3024	1	2	0.00	0.092	0.22	7.2991	0.092	0.071	0.021	0.019	0.002	0.830	197.3646
3025	1	1	0.00	0.100	0.20	11.1418	0.100	0.080	0.020	0.020	0.000	0.911	208.5063
3026	1	1	0.00	0.104	0.20	13.4539	0.104	0.083	0.020	0.020	0.000	0.994	221.9602
3027	1	2	0.00	0.087	0.23	5.6916	0.087	0.067	0.020	0.018	0.002	1.061	227.6518
3028	1	3	0.00	0.042	0.48	0.1573	0.042	0.022	0.020	0.011	0.009	1.083	227.8151
3034	1	2	0.00	0.075	0.27	2.9048	0.075	0.055	0.020	0.016	0.004	1.138	230.7198
3035	1	3	0.00	0.051	0.40	0.4250	0.051	0.031	0.020	0.013	0.008	1.169	231.1447
3038	1	3	0.00	0.045	0.45	0.2181	0.045	0.025	0.020	0.012	0.008	1.193	231.3628
3039	1	2	0.00	0.066	0.31	1.5487	0.066	0.046	0.021	0.015	0.006	1.239	232.9115
3040	1	3	0.00	0.065	0.38	1.3606	0.065	0.040	0.025	0.016	0.010	1.279	234.2721
	24 [TOT]	2.21 [AVGX]	0.004 [AVGX]	0.074 [AVGX]	0.309 [AVGX]	9.7613 [AVGX]	0.074 [AVGX]	0.053 [AVGX]	0.021 [AVGX]	0.016 [AVGX]	0.005 [AVGX]	1.279 [CUM]	234.2721 [CUM]

Table 3: Big Rose Colony 1-34 Petrophysical Measurements (Source: NuTech)

Coyote Resources LLC
Big Rose Colony 2-34
25-101-24287
T34N-R1W, Section 34
Underground Injection Control (UIC) Class II Application

DPRW_ZZ		t	3044	to	3169								
Discriminator		:	PAYFT										
DEPTH	PAYFT	RANK	CLAY	PHIE	SW	NUPERM	BVtot	BVhyd	BVwtr	BVbnd	BVfree	HydPorFT	NUPERMFT
[FT]			[DEC]	[DEC]	[DEC]	[MD]	[DEC]	[DEC]	[DEC]	[DEC]	[DEC]	[Por-FT]	[MD-FT]
3045	1	3	0.00	0.048	0.45	0.3070	0.048	0.026	0.022	0.012	0.010	0.026	0.3070
3046	1	3	0.00	0.062	0.39	1.0780	0.062	0.037	0.024	0.014	0.010	0.063	1.3850
3047	1	3	0.00	0.084	0.39	4.8817	0.084	0.052	0.033	0.018	0.015	0.115	6.2667
3048	1	2	0.01	0.112	0.33	16.9533	0.112	0.075	0.037	0.022	0.015	0.190	23.2200
3049	1	2	0.05	0.105	0.35	10.7392	0.105	0.069	0.036	0.023	0.013	0.259	33.9591
3050	1	3	0.06	0.071	0.45	1.5717	0.071	0.039	0.032	0.018	0.014	0.298	35.5308
3051	1	3	0.03	0.084	0.36	3.9785	0.084	0.054	0.030	0.019	0.011	0.352	39.5094
3052	1	1	0.03	0.115	0.26	17.8833	0.115	0.085	0.029	0.023	0.006	0.437	57.3927
3053	1	1	0.06	0.109	0.28	11.8547	0.109	0.078	0.031	0.024	0.007	0.515	69.2474
3054	1	2	0.08	0.093	0.32	5.0443	0.093	0.063	0.030	0.022	0.008	0.578	74.2917
3055	1	2	0.07	0.077	0.34	2.2298	0.077	0.051	0.026	0.019	0.007	0.629	76.5215
3056	1	1	0.05	0.104	0.22	10.4578	0.104	0.081	0.022	0.022	0.000	0.710	86.8794
3057	1	1	0.01	0.106	0.19	14.8029	0.106	0.085	0.021	0.021	0.000	0.796	101.7823
3058	1	2	0.00	0.076	0.27	2.9658	0.076	0.055	0.021	0.016	0.004	0.851	104.7480
3059	1	2	0.01	0.089	0.24	5.8028	0.089	0.068	0.021	0.019	0.002	0.918	110.5508
3060	1	1	0.02	0.106	0.21	12.7216	0.106	0.083	0.023	0.022	0.001	1.002	123.2724
3061	1	1	0.02	0.121	0.20	23.9902	0.121	0.097	0.024	0.024	0.000	1.099	147.2626
3062	1	1	0.02	0.148	0.17	77.2327	0.148	0.123	0.025	0.025	0.000	1.221	224.4954
3063	1	1	0.04	0.145	0.18	77.7166	0.145	0.121	0.024	0.024	0.000	1.343	302.2141
3064	1	1	0.05	0.140	0.17	59.7047	0.140	0.116	0.024	0.024	0.000	1.459	361.9187
3065	1	1	0.04	0.149	0.18	67.4047	0.149	0.122	0.027	0.027	0.000	1.580	429.3234
3066	1	1	0.02	0.157	0.19	74.6120	0.157	0.127	0.030	0.030	0.000	1.707	503.9354
3067	1	1	0.01	0.150	0.21	66.1147	0.150	0.119	0.031	0.028	0.003	1.826	570.0500
3068	1	1	0.01	0.149	0.21	65.1927	0.149	0.119	0.031	0.028	0.003	1.945	635.2428
3069	1	1	0.00	0.176	0.18	138.4203	0.176	0.144	0.032	0.031	0.000	2.089	773.6631
3070	1	1	0.01	0.170	0.19	114.2392	0.170	0.138	0.032	0.031	0.001	2.227	887.9023
3071	1	1	0.03	0.150	0.22	58.4470	0.150	0.117	0.033	0.029	0.004	2.344	946.3494
3072	1	1	0.04	0.172	0.21	101.7762	0.172	0.136	0.035	0.033	0.002	2.480	1048.1256
3073	1	1	0.03	0.160	0.21	130.8625	0.160	0.142	0.038	0.034	0.004	2.622	1178.9882
3074	1	1	0.03	0.176	0.23	117.7702	0.176	0.135	0.041	0.033	0.007	2.757	1296.7584
3075	1	2	0.02	0.162	0.27	86.1269	0.162	0.119	0.043	0.031	0.013	2.876	1382.8854
3076	1	1	0.03	0.177	0.24	121.1855	0.177	0.134	0.043	0.034	0.010	3.010	1504.0709
3077	1	1	0.03	0.200	0.22	210.0805	0.200	0.156	0.044	0.037	0.007	3.166	1714.1514
3078	1	1	0.02	0.189	0.23	174.5999	0.189	0.144	0.044	0.034	0.010	3.310	1888.7512
3079	1	2	0.03	0.161	0.27	81.5122	0.161	0.118	0.043	0.031	0.012	3.428	1970.2634
3080	1	1	0.03	0.153	0.26	64.3391	0.153	0.114	0.040	0.030	0.010	3.542	2034.6025
3081	1	1	0.02	0.141	0.26	47.7451	0.141	0.105	0.036	0.027	0.009	3.646	2082.3477
3082	1	1	0.02	0.127	0.25	30.1610	0.127	0.095	0.032	0.025	0.007	3.741	2112.5088
3083	1	1	0.02	0.132	0.23	34.7628	0.132	0.102	0.030	0.026	0.004	3.844	2147.2715
3084	1	1	0.03	0.145	0.21	52.3439	0.145	0.115	0.030	0.028	0.002	3.959	2199.6155
3085	1	1	0.00	0.180	0.18	148.8784	0.180	0.146	0.033	0.032	0.001	4.105	2348.4949
3086	1	1	0.00	0.207	0.16	340.5305	0.207	0.174	0.033	0.033	0.000	4.279	2689.0254
3087	1	1	0.01	0.192	0.17	210.0427	0.192	0.159	0.033	0.033	0.000	4.438	2899.0681
3088	1	1	0.01	0.147	0.24	58.3650	0.147	0.112	0.035	0.028	0.008	4.549	2957.4331
3089	1	1	0.02	0.174	0.23	123.1306	0.174	0.134	0.040	0.032	0.008	4.683	3080.5637
3090	1	1	0.01	0.220	0.21	350.3100	0.220	0.175	0.045	0.039	0.007	4.858	3430.8738
3091	1	1	0.00	0.239	0.20	524.4830	0.239	0.192	0.047	0.041	0.006	5.050	3955.3568
3092	1	1	0.01	0.210	0.20	287.5226	0.210	0.167	0.043	0.037	0.006	5.217	4242.8794
3093	1	1	0.01	0.175	0.21	126.4684	0.175	0.138	0.037	0.032	0.005	5.355	4369.3477
3094	1	1	0.01	0.166	0.17	183.0058	0.166	0.153	0.032	0.032	0.000	5.509	4552.3535
3095	1	1	0.04	0.145	0.20	49.6504	0.145	0.116	0.029	0.029	0.000	5.625	4602.0039
3096	1	1	0.05	0.142	0.17	68.9765	0.142	0.118	0.024	0.024	0.000	5.743	4670.9805
	52	1.35	0.024	0.143	0.242	69.827	0.143	0.110	0.032	0.027	0.005	2.469	
	[TOT]	[AVGX]	[AVGX]	[AVGX]	[AVGX]	[AVGX]	[AVGX]	[AVGX]	[AVGX]	[AVGX]	[AVGX]	[CUM]	[CUM]

Table 4: Big Rose Colony 1-34 Petrophysical Measurements Continued (Source: NuTech)

Formation Pressure Data

Test data can be found in Attachment 10.

Well	Location	Test Type	Middle Duperow Reservoir Pressure (PSI)
Big Rose Colony 1-34	T34N-R1W, Sec 34	DST 2,980 – 3,040	1012 BHP
Kiefer Farms #1	T34N-R1W, Sec 20	Well Test - Perfs: 3,046'-3,066	1162.9 BHP

Table 5: Formation Pressure Data

Rock Pressure Analysis – Frac Gradients

The estimated Frac Gradient of the confining zone is estimate at 0.75 psi/ft. This estimate derived from the Synergy Winkowitsch 3406-09-01well (SE NE Section 9 T34N R6W) by Core Labs Triaxial-Summary provides a Duperow Frac Gradient of 0.75 psi/ft (CoreLabs Core Report as provided to the MBOGC - Attachment 14.

Additional frac gradient data is provided by the Big Rose Colony 1-34 injection test summary (May 2025). Using the Winkowitsch 3406-09-01 results of 0.75 at 3,000', the frac pressure would be 2250# at surface. The Big Rose Colony 1-34 injection test was performed below 2250# and never saw fracture gradient. Please see Attachment 15 for Big Rose Colony 1-24 Injection Test PTA Analysis.

Water Analysis

Subject to the Administrative Rules of Montana 36.22.1418 EXEMPT AQUIFERS, the Middle Duperow injection zone and a portion of the aquifer as seen in the closest Middle Duperow offset well, Big Rose Colony 1-34 proposed injection well is exempt from classification as an underground source of drinking water. The exemptions include the following:

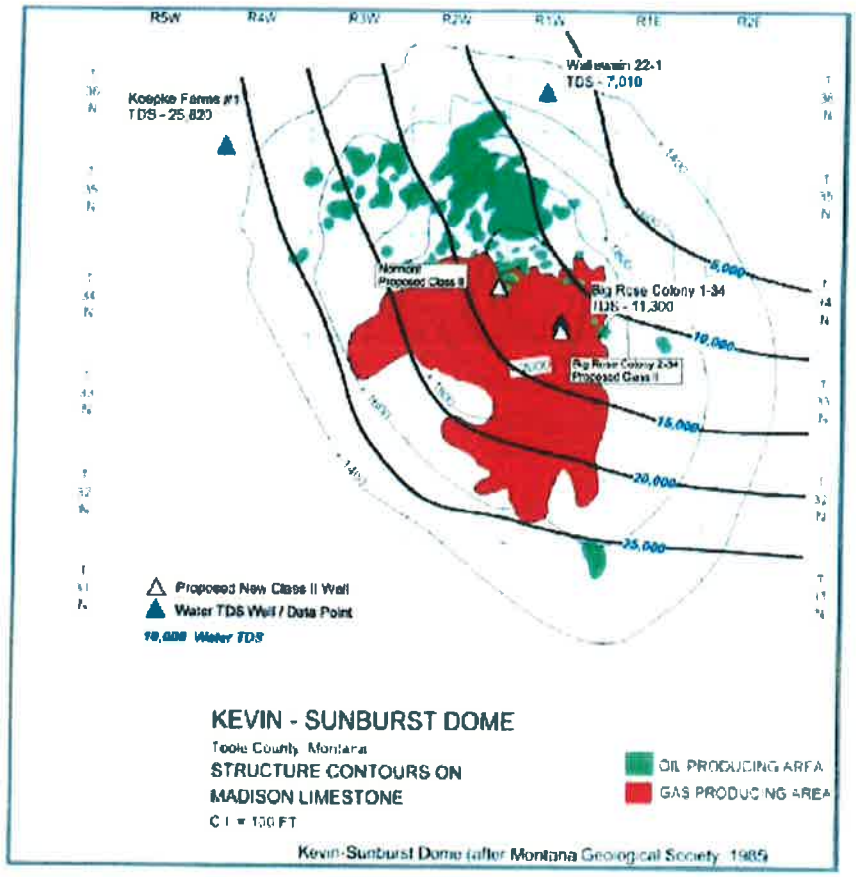
1a. The Middle Duperow aquifer does not serve as a source of drinking water, and

1b(i). The Middle Duperow aquifer produces, or is capable of producing, mineral, hydrocarbon, or geothermal energy in commercial quantities; and

1b(ii). The Middle Duperow aquifer is situated at a depth or location which makes recovery of the water for drinking water purposes economically or technologically impractical; and

1b(iii). The Middle Duperow aquifer is so contaminated that it would be economically or technologically impractical to render the water fit for human consumption.

Details: A brine aquifer exists at the lowest level of Middle Duperow aquifer, and the brine aquifer extends beyond the limits of the Kevin Dome complex. The proposed injection well is in the transition zone from a gas reservoir to a brine aquifer of the Middle Duperow Zone.



Well	API	Location	Formation	Test Date	Total Dissolved Solids
Wallewein 22-1	25-101-24242	36N-1W, Sec 22	Devonian Duperow, (aka. Zone 3)	Dec-14	7,010
Big Rose Colony 1-34	25-101-24287	34N-1W, Sec 34	Devonian Duperow	Apr-25	11,300
Koepke Farms #1	25-101-24271	35N- R4W Sec 7	Devonian Duperow	Feb-16	25,820

Figure 8: Duperow Brine Aquifer TDS Contours

The Middle Duperow injection zone is a gas aquifer above the Big Rose Colony 1-34 well, and the injection fluid is native to the producing gas from the same reservoir. At the Big Rose Colony 1-34 well and deeper, there is producible formation water in the AOR and in the surrounding Middle Duperow formation. Tests in the Big Rose Colony 1-34 well

indicate that the Middle Duperow produces natural gases including Hydrogen Sulfide ("H_2S") and formation water. In a 96-hour flow test, the Big Rose Colony 1-34 flowed a cumulative 942 BBLs of water. The produced water has 11,300 TDS which qualifies as a brine aquifer.

The gas from the Middle Duperow is contaminated as it contains H_2S, a known neurotoxin, and is **NEVER** suitable for human or agricultural consumption or exposure. Thus, making the Middle Duperow a suitable Injection zone. The Middle Duperow H_2S in the Big Rose Colony 1-34 is 0.036 Mole % (Attachment 6), 3.6x greater than the Immediately Dangerous to Life or Health (IDLH) value of 100 ppm for H_2S.

Any potential USDWs will be protected by two strings of casing: 9 5/8" surface casing set at ~1,430' MD to protect USDWs and cemented back to surface. Refer to the Drilling Prognosis for the proposed Big Rose Colony 2-34.

Furthermore, there are no fresh water supply wells producing from the Middle Duperow or any fresh-water wells that penetrated the Duperow formation in T34N-R1W and in the entire Kevin Dome complex. The approximate depth and poor water quality of the Middle Duperow formation at 2,900' MD, which makes the recovery of water for drinking purposes economically or technologically impractical and unhealthy.

1(f) Additional Information on Producing Wells within the AOR

No wells are currently producing the Middle Duperow formation or any formation within the ¼ mile AOR. The only well that penetrated the Middle Duperow within the AOR is the Big Rose Colony 1-34 which has been converted to a injection well.

1(g) Open Hole Logs

Will be provided to the MBOGC upon drilling and completion. All Logs for the offset Big Rose Colony 1-34 have previously been provided.

1(h) Description of Wellbore Construction

The Big Rose Colony 2-34 is a vertical well planned to be drilled in Q2 or Q3 of 2027 to a total depth of 3,300' MD. 9 5/8" surface casing is planned to be set at approximately 1,430' MD to protect freshwater and USDW's and cemented with ~516 sacks of ASTM Type III cement. 7" production casing will be run to 3,300' MD and cemented with ~638 sacks of ASTM Type III cement. A CBL log will be provided to the MtBOGC.

The proposed completion of the Big Rose Colony 2-34 well as an injection well and is planned to be perforated in the Middle Duperow Formation as seen in Figure 7 petrophysical Type Log and offset Big Rose Colony 1-34 well 3½" 13CrA 95 tubing and a nickel-coated AS-1X packer will be run to isolate the injection fluids from the casing string as to provide another physical protection of groundwater and USDW's. Attachment 4 outlines the proposed completion procedure used to complete the Big Rose Colony 2-34 into an injection well, and Attachment 5: Wellbore Diagram details the proposed wellbore and tubing/packer configuration after completion.

1(i) Description of Injection Fluid

The injection fluids are the waste products from the processing of oil and gas production by the proposed Wolf Gas Processing Plant ("Wolf Plant"). The injection fluids are as described in 36.22.1401 Definitions.

These injection gases are the injection fluids separated from the Kiefer Farms 1-20, the Willow Flats 1-19, and the Glacier Ridge 1-28 wells which will produce from the same formation as used for injection. These injection fluids are planned to be native to the Middle

Duperow injection zone. The plant is expected to process other future wells as the field continues to be developed.

The anticipated composition of the injection fluids per the plant processing models is listed in the Table 7 below. Estimated injection rates include up to 20 million cubic feet per day (20 MMCFD) with an anticipated average injection pressure of 1400 PSI and a maximum injection pressure of 1750 PSI.

Helium	0.000303
Argon	0.000030
Oxygen	0.000006
CO2	0.865218
H2S	0.062724
Nitrogen	0.004528
Methane	0.001392
Ethane	0.001639
Propane	0.000121
i-Butane	0.000323
n-Butane	0.001247
i-Pentane	0.001249
n-Pentane	0.000928
Cyclopentane	0.000000
n-hexane	0.001069
n-heptane	0.002888
Mcyclohexane	0.000371
224-Mpentane	0.000038

Table 7: Injection Fluid Composition

1(j) Names of Owners for Record

Current Operators, Oil & Gas Lease Owners and Surface Owners within the ¼ mile AOR are detailed in the table below. Surface and mineral owners were notified on November 2, 2026, in accordance with 36.22.1410 Notification Requirements Attachment 8 is an affidavit attesting to the fact that notices have been mailed. Attachment 9 is a copy of a Notification Letter, and Attachment 11 includes the Publication Verifications.

Ronald B. Munson Farms, Inc.
955 Sunrise Terrace
Shelby, MT 59474-1687

KeeSun Corp.
P.O. Box 430
Cut Bank, MT 59427

Coyote Resources LLC
1616 S. Voss Road, Suite 725
Houston, TX 77057

Wavetech Helium, Inc.
1801 Broadway, Suite 600
Denver, CO 80202

A. B. Energy LLC
P.O. Box 668
Chester, MT 59522

Taylor Well Operating Inc.
1216 Landons Way
Missoula, MT 59803

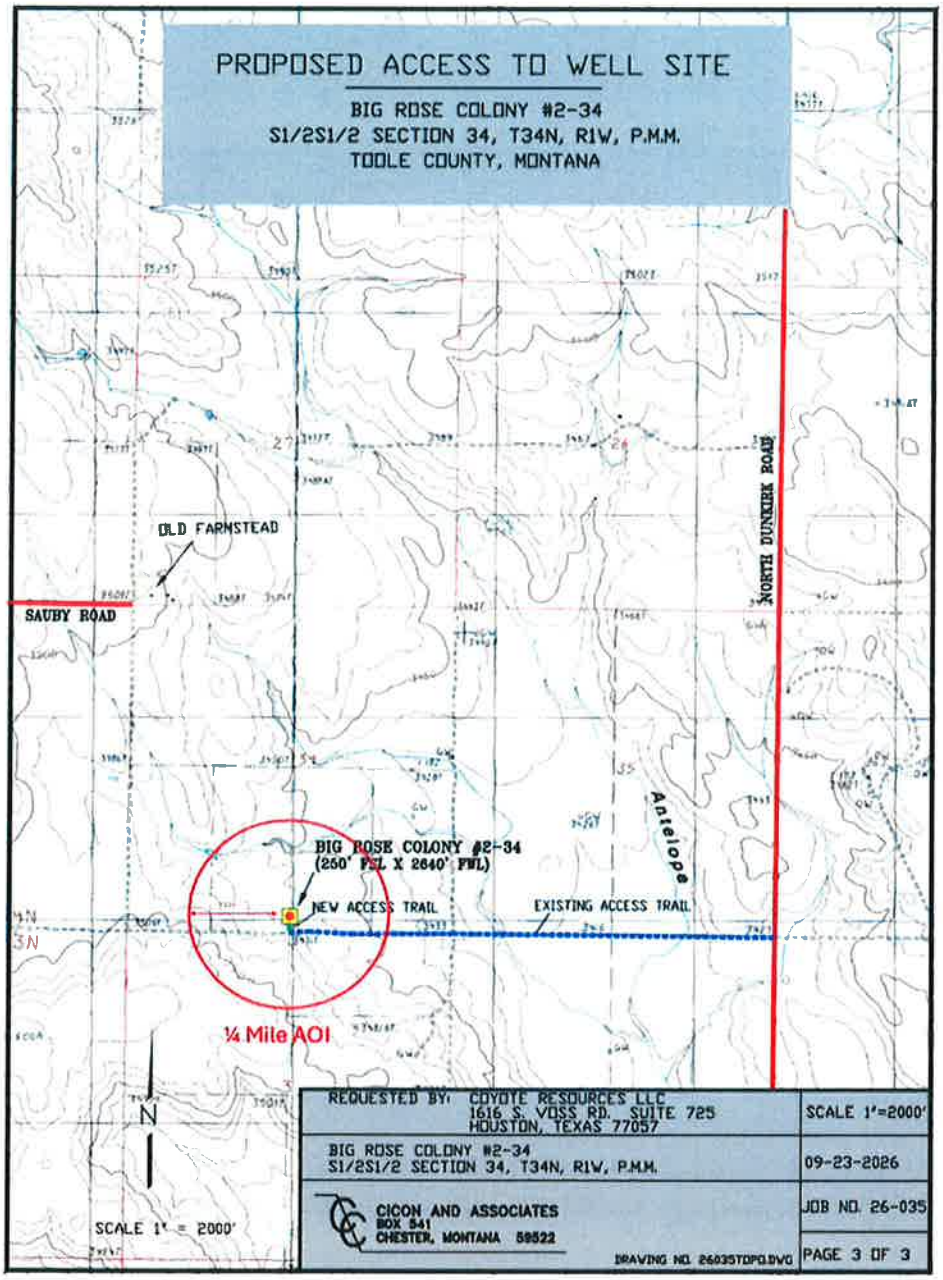
Big Rose Colony, Inc.
P.O. Box 905
Shelby, MT 59474-0905

Tom E. Swanson
P.O. Box 3215
Casper, WY 82602

Table 8: AOR Owners of Record

Attachments

Attachment 1: Surface Location & ¼-mile AOR – Big Rose Colony 2-34



Attachment 2: Wells in AOR - Plugging Reports

Plugging Reports (1): 25-101-23660 SEWARD 2-3

Form 2
Rev. 8-92

Submit In Quadruplicate To:
Montana Board of Oil and Gas Conservation
Billings or Shelby Office

ARM 36.22.307, 1003, 1004, 1011, 1013, 1103, 1222, 1301, 1306, and 1309

Sundry Notices and Report of Wells

Operator: The Montana Power Company
Address: 40 East Broadway
City: Butte State: MT Zip Code: 59701
Telephone Number: (406) 723-5421 Telefax Number: (406) 497-2629

Location of well (1/4-1/4 section and footage measurements):
Lot 2, Section 3-33N-1W
660' FNL and 1980' FEL

If directionally or horizontally drilled, show both surface and bottom hole locations)

API Number: 25 | 101 | 23660 | 00
(State | County | Well)

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

Lease Name: Seward
Lease Type (Private/State/Federal): Private
Well Number: 2-3
Unit Agreement Name:
Field Name or Wildcat: Old Shelby
Section, Township, and Range: 3-33N-1W
County: Toole

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 Chemical Treatment	
Notice of Intention to Stimulate or to Chemically Treat		Subsequent Report of Perforation of Cementing	
Notice of Intention to Perforate or to Cement		Subsequent Report of Well Abandonment	
Notice of Intention to Abandon Well	X	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)		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.

1. MIRU.
2. Spot 25 sack cement plug at bottom of 4 1/2" casing thru tubing (1191'-876').
3. Pull tubing to 90' and fill hole with water.
4. Spot 5 sack cement plug at surface inside 4 1/2" (90' - 27').
5. Finish pulling tubing.
6. Cutoff casing 4' below G.L. and weld on cap plate.
7. Restore location.

BOARD USE ONLY

Approved SEP 30 1995
Date

Name

CHIEF FIELD INSPECTOR
Title

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

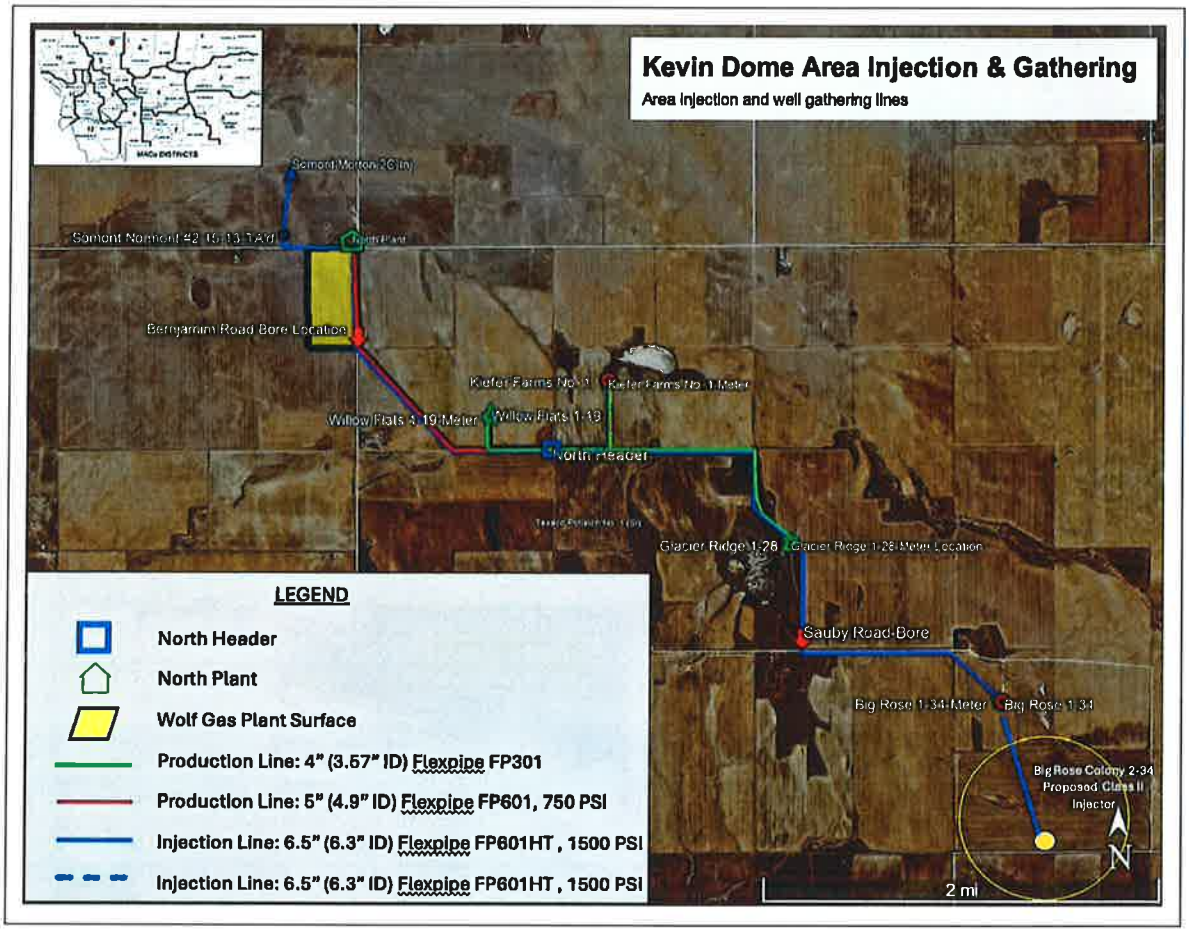
Sept 15 1995
Date

Signed (Agent)

Patrick L. Maloney, Director, Gas Prod.
Print Name & Title

Coyote Resources LLC
Big Rose Colony 2-34
25-101-24287
T34N-R1W, Section 34
Underground Injection Control (UIC) Class II Application

Attachment 3: Plant Location & Associated Pipelines



Attachment 4: Completion Procedure

Big Rose Colony 2-34
Proposed Completion Procedure

API: 25-101-24287
Location: T34N-R1W-S34
GLE / KB: 3,474' / 10' (Drilling Rig)

String	Depth Ft.	Size In.	Weight lbs/ft	ID In.	Grade	Conn	Burst psi	Collapse psi	Tensile klbs
Surf. Csg	1,400'	9.625"	36	8.921	J55	LTC	3,520	2,020	453
Prod. Csg	~3300'	7.0"	26	6.276	L80	LTC	7,240	5,410	511
Tubing	~3,000'	3.5"	9.2	2.992	JFE-13CR-95	-	12,070	12,080	246

1. Contact MBOGC 24 hours prior to beginning completion operations.

2. Inspect the location prior to conducting completion operations.

3. Stab pressure gauge in ½" needle valve and check pressure on casing strings.

4. MIRU WOR and completion equipment.

5. Install test plug or hanger with two-way check valve in the tubing head profile. NU and test 5,000# BOPE.

6. MIRU ELU. RIH with GR/JB/CCL/temp survey to approx. 3,300' MD.

7. RIH with CCL and perforating guns. Correlate and perforate the Middle Duperow:

Est Perf Interval	SPF	Phasing	Dia.
Middle Duperow TBD	6	60	0.42"

8. PU 3 ½" tubing and packer. RIH and space out to +/- 2,043'. Displace annular volume with packer fluid. Set packer and land tubing. Test annulus.

9. ND BOPE. NU injection head. Test annulus with MBOGC inspector to witness.

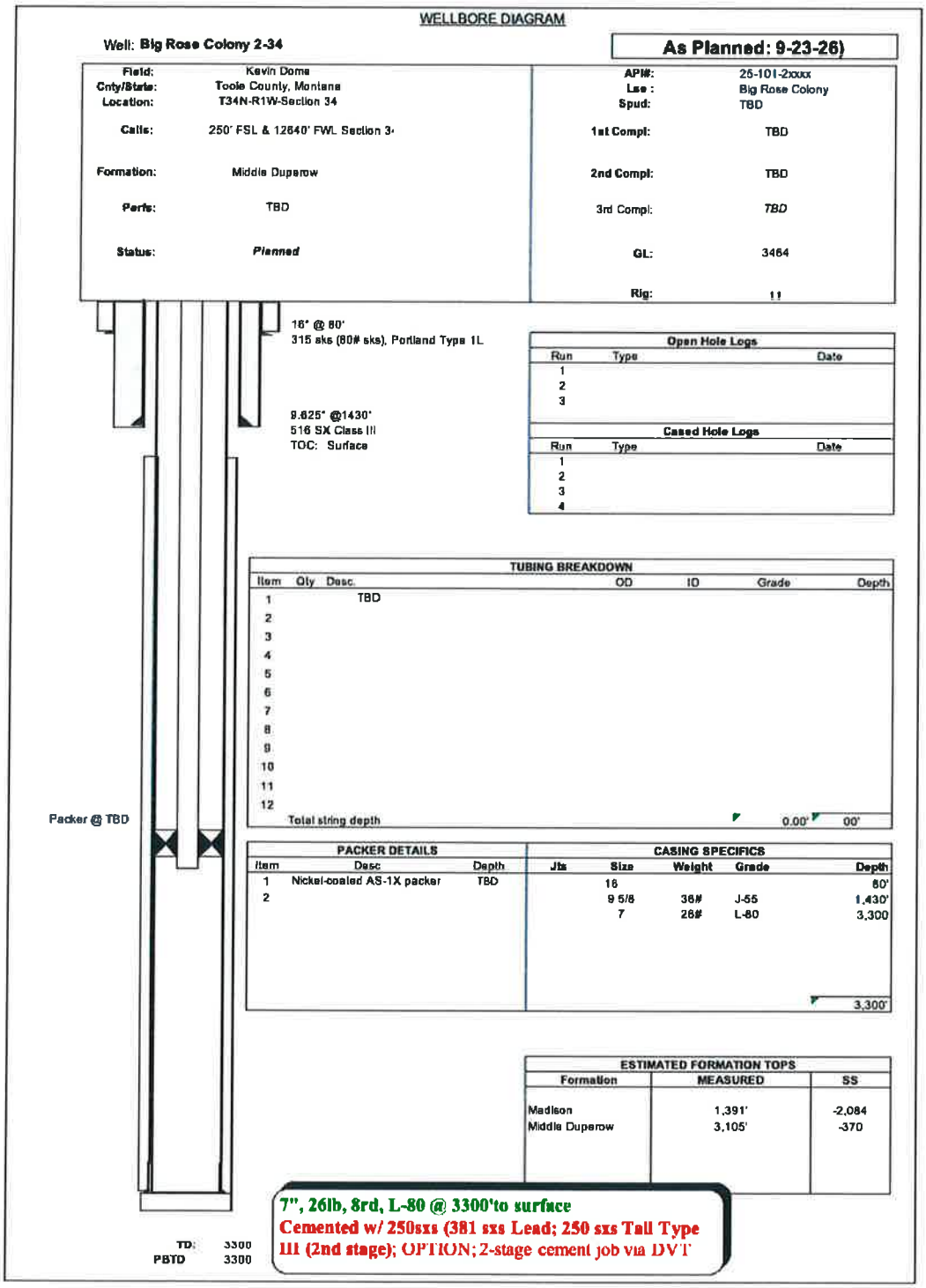
10. RDMO WOR and equipment.

Wellhead Details:

Manufacturer: Stream-Flo
Casing Head: 9 5/8" x 11" 5k with single 2 1/16" 5k wing
Tubing Head: 11" x 7 1/16" 5k with single 2 1/16" 5k wing
Tree: 7 1/16" 5k with twin 3 1/16" 5k masters and single 3 1/16" 5k wing

Coyote Resources LLC
Big Rose Colony 2-34
25-101-24287
T34N-R1W, Section 34
Underground Injection Control (UIC) Class II Application

Attachment 5: Wellbore Diagram - As Planned



Coyote Resources LLC
Big Rose Colony 2-34
25-101-24287
T34N-R1W, Section 34
Underground Injection Control (UIC) Class II Application

Attachment 6: Injection Fluid Analysis

Constituent Fluids	Mole Percent *
N_2	0.099022
O_2	0.000242
CO_2	0.849929
C1	0.040709
C2	0.006993
H_2S	0.002452
He	0.000653
	1.00
*As per Wolf Plant processing model	

Attachment 7: Current Operators, Oil & Gas Lease Owners and Surface Owners

Ronald B. Munson Farms, Inc.
955 Sunrise Terrace
Shelby, MT 59474-1687

KeeSun Corp.
P.O. Box 430
Cut Bank, MT 59427

Coyote Resources LLC
1616 S. Voss Road, Suite 725
Houston, TX 77057

Wavetech Helium, Inc.
1801 Broadway, Suite 600
Denver, CO 80202

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P.O. Box 668
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Taylor Well Operating Inc.
1216 Landons Way
Missoula, MT 59803

Big Rose Colony, Inc.
P.O. Box 905
Shelby, MT 59474-0905

Tom E. Swanson
P.O. Box 3215
Casper, WY 82602

Attachment 8: Notification Affidavit

BEFORE THE BOARD OF OIL AND GAS CONSERVATION OF THE STATE OF MONTANA

IN THE MATTER OF THE APPLICATION OF COYOTE RESOURCES LLC FOR A CLASS II UNDERGROUND INJECTION CONTROL PERMIT FOR THE COYOTE BIG ROSE COLONY 2-34 WELL LOCATED 250' FSL AND 2,640' FWL OF SECTION 34, TOWNSHIP 34 NORTH, RANGE 1 WEST, TOOLE COUNTY.	**AFFIDAVIT OF MAILING** **DOCKET NO. ____ - 2026**

STATE OF MONTANA)
:ss.
County of Toole)

I, Karen L. Young, Lee Law Office, PC, P.O. Box 790, Shelby, Montana 59474, for and on behalf of Coyote Resources LLC, 1616 S. Voss Road, Suite 725, Houston, Texas 77057, do hereby certify and declare that I mailed a true and correct photocopy of Exhibit "A" attached hereto by depositing the same in the United States Post Office at Shelby, Montana, postage prepaid, on November 2, 2026, to each of the following parties:

Ronald B. Munson Farms, Inc.
955 Sunrise Terrace
Shelby, MT 59474-1687

KeeSun Corp.
P.O. Box 430
Cut Bank, MT 59427

Coyote Resources LLC
1616 S. Voss Road, Suite 725
Houston, TX 77057

Wavetech Helium, Inc.
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P.O. Box 905
Shelby, MT 59474-0905

Tom E. Swanson
P.O. Box 3215
Casper, WY 82602

Karen L. Young, Paralegal

SUBSCRIBED AND SWORN TO before me on November 2, 2026.

ROBIN FRYDENLUND
NOTARY PUBLIC for the
STATE OF MONTANA
Residing in Shelby, Montana
My Commission Expires
December 26, 2026

Notary Public for the State of Montana

Attachment 9: Notification Letter Example

BEFORE THE BOARD OF OIL AND GAS CONSERVATION

OF THE STATE OF MONTANA

IN THE MATTER OF THE APPLICATION OF COYOTE RESOURCES LLC FOR A CLASS II UNDERGROUND INJECTION CONTROL PERMIT FOR THE COYOTE BIG ROSE COLONY 2-34 WELL LOCATED 250' FSL AND 2,640' FWL OF SECTION 34, TOWNSHIP 34 NORTH, RANGE 1 WEST, TOOLE COUNTY.	**NOTICE OF APPLICATION** **DOCKET NO. _____ - 2026**

You are hereby notified that Coyote Resources LLC, 1616 S. Voss Road, Suite 725, Houston, Texas 77057, has applied for a Class II Underground Injection Control Permit for its Coyote Big Rose Colony 2-34 well located 250' FSL and 2,640' FWL of Section 34, Township 34 North, Range 1 West, MPM, Toole County.

The Project Area the subject of the above Application consists of the SE¼SE¼SW¼ and SW¼SW¼SE¼ of Section 34, Township 34 North, Range 1 West, Toole County.

The Area of Review concerning the above Project Area consists of the S½SE¼SW¼ and S½SW¼SE¼ of Section 34, Township 34 North, Range 1 West, and the N½NE¼NW¼ and N½NW¼NE¼ of Section 3, Township 33 North, Range 1 West, Toole County.

The Application concerning the above matter will be heard by the Montana Board of Oil and Gas Conservation ("MBOGC") on December 10, 2026, beginning at 9:00 a.m. at the MBOGC Hearing Room, 2535 St. Johns Avenue, Billings, Montana 59102.

A photocopy of the complete Application will be on file with the MBOGC at the above address as of November 10, 2026, and thereafter.

For more information or if you have questions with regard to the above matter contact the undersigned and/or H. C. "Kip" Ferguson, II, at kferguson@usnrg.com, 713-252-7251.

Dated November 2, 2026.

COYOTE RESOURCES LLC

By: Don R. Lee

Don R. Lee, Attorney for Applicant
Lee Law Office PC
158 Main Street – P.O. Box 790
Shelby, MT 59474
Telephone: (406) 434-5244
Facsimile: (406) 434-5246
Email: don@leelawofficepc.com

Attachment 10: Affidavit of Publication - Helena Independent Record

TO BE PROVIDED

Coyote Resources LLC
Big Rose Colony 2-34
25-101-24287
T34N-R1W, Section 34
Underground Injection Control (UIC) Class II Application

Attachment 11: Proof of Publication - Shelby Promoter

LEE LAW OFFICE PC

DON R. LEE BRIAN D. LEE ATTORNEYS AT LAW
PHONE 406.434.5244 FAX 406.434.5248 P.O. BOX 790 199 MAIN STREET SHELBY, MONTANA 59474
LEELAWOFFICEPC.COM

October 29, 2026

VIA EMAIL & U. S. MAIL: news@cutbankpioneerpress.com

Shelby Promoter
P.O. Box 847
Cut Bank, MT 59427

Attention: Publication

Re: ***"NOTICE OF INTENTION TO APPLY FOR A CLASS II UNDERGROUD INJECTION CONTROL PERMIT***

Enclosed please find a "NOTICE OF INTENTION TO APPLY FOR A CLASS II UNDERGROUND INJECTION CONTROL PERMIT" to be published ONE TIME. Please mail the bill for publication to this office.

If you have any questions or comments or need additional information, please contact me.

Very truly yours,

LEE LAW OFFICE PC

By: Karen L. Young
Karen L. Young, Paralegal

encl.

Attachment 12: Sundry Notice - Convert to Injection Big Rose Colony 2-34

FORM NO. 2 R 10/09

ARM 36.22.307, 601, 605, 1003, 1004, 1011, 1013, 1100, 1222, 1240, 1301, 1306, 1309, and 1417

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: Coyote Resources LLC
Address: 1616 S. Voss, Ste. 725
City: Houston State: TX Zip Code: 77057
Telephone: (303) 993-3200 Fax:

Location of well (1/4-1/4 section and footage measurements):
250' FSL & 2640' FWL; Section 34, T34N, R1W
LAT: 48.653972; Long: 111.720672

Lease Name: Big Rose
Type (Private/State/Federal/Tribal/Allotted): Private
Well Number: 2-34
Unit Agreement Name:
Field Name or Wildcat: Wildcat
Township, Range, and Section: T34N, R1W, Sec. 34
County: Toole

API Number: 25 | 101 | (State | County | Well)
Well Type (oil, gas, injection, other): Injection

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) Proposed Injection Well	☑	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.

Drill & case new gas injection well in the Duperow formation to a proposed TD of 3300'. A Class II Injection Application has been filed along with APD Form 22. Once approved, all conditions of the Class II injection approval will be completed prior to any injection operations commencing

BOARD USE ONLY

Approved _____
Date

Name Title

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

11/3/2026 Geoff Gayle
Date Signed (Agent)

Geoff Gayle Engineer
Print Name and Title

Telephone (303)-893-3200

Attachment 13: Winkowitsch Triaxial-Frac Gradient Summary

TRIAXIAL COMPRESSIVE TEST RESULTS

Company	Synergy Oil and Gas	Date	Dec. 2011
Well	Winkowitsch 3406-09-01	Job No.	HOU-111694
Field	Wildcat	Saturation Fluid	As received
Location	Glacier County, Montana		

Table 1 Triaxial Static Young's Modulus, Poisson's Ratio and Compressive Strength

Sample Number	Depth (ft)	Confining Pressure (psi)	Bulk Density (gm/cm^3)	Compressive Strength (psi)	Young's Modulus (10^6 psi)	Poisson's Ratio
24	5050.00	850	2.62	29299	6.46	0.25

Core Laboratories

Coyote Resources LLC
Big Rose Colony 2-34
25-101-24287
T34N-R1W, Section 34
Underground Injection Control (UIC) Class II Application

Attachment 14: Big Rose Colony 2-34 - Injection Analysis

Summary of Proposed Maximum Allowable Injection Pressure Calculation for Big Rose 2-34 Gas Injection Well Using Parameters Submitted in the UIC Application

Purpose
This summary describes the calculation of the maximum allowable injection pressure, or MAIP, for the Big Rose 1-34 well injecting a multi component gas stream. This document is intended to provide a clear narrative summary of the calculation steps and final result, while detailed equations and intermediate calculations are documented separately.

Assumptions
The MAIP calculation assumes no friction losses in the wellbore and an isothermal gas column at the reservoir temperature. True vertical depth is used to represent the vertical distance between the wellhead and the top of the injection interval. The limiting bottomhole pressure is based on the fracture pressure at the top of the injection interval.

Injection Interval and Fracture Constraint
The top of the injection interval occurs at a true vertical depth of 3,007 feet. A fracture pressure gradient of 0.75 pounds per square inch per foot was applied to this depth to determine the maximum allowable pressure at the top of the injection interval. This results in a fracture pressure of 2,255 pounds per square inch gauge, or 2,269.95 pounds per square inch absolute.

Injected Gas Stream Characterization
The injected gas stream consists primarily of carbon dioxide with lesser amounts of nitrogen, methane, ethane, hydrogen sulfide, oxygen, and helium. Using standard molecular weights and the specified mole fractions, a mixture molecular weight of approximately 41.14 was calculated. This mixture molecular weight was used to represent the effective density behavior of the injected gas.

Reservoir Temperature and Gas Compressibility
The reservoir temperature used in the MAIP calculation is 77.1 degrees Fahrenheit, which corresponds *to* an absolute temperature of 536.77 degrees Rankine. Gas compressibility effects were accounted for through calculation of the gas compressibility factor. The compressibility factor was determined using an Excel based petroleum engineering workflow incorporating pseudo critical property estimation, sour gas correction for carbon dioxide and hydrogen sulfide, and an iterative correlation. The resulting compressibility factor at the limiting pressure and temperature conditions is approximately 0.58.

Determination of Maximum Allowable Injection Pressure

The limiting bottomhole pressure and the calculated gas properties were used in a compressible gas column relationship to convert the fracture limited pressure at the top of the injection interval to an equivalent wellhead pressure. This calculation accounts for the exponential variation of gas pressure with depth under isothermal conditions. Using the specified inputs, the resulting wellhead pressure Is approximately 1,756 pounds per square inch absolute.

Final MAIP

The calculated wellhead pressure was converted to gauge pressure by subtracting atmospheric pressure. The resulting maximum allowable injection pressure for the well is approximately 1,742 pounds per square inch gauge. This value represents a conservative MAIP for injection of the specified gas mixture under the stated assumptions Big Rose 1-34 MAIP Calculation (Step by StepEquations)

Assumptions
No friction loss. Isothermal gas column. Depth is true vertical depth to the top of the injection interval. Limiting bottomhole pressure is set equal to the fracture pressure at the top of the injection interval.

Inputs
Fracture gradient FG = 0.75 psi/ft Depth D = 3007 ft
Temperature T(F) = 77.1 degF AtmosphericpressurePatm=14.7psia
Limiting bottomhole pressure uses fracture pressure at depth z Gas composition (mole fraction y_i):
N2 y = 0.099022
O2 y = 0.000242
CO2 y = 0.849929
CH4 y = 0.040709
C2H6 y = 0.006993
H2S y = 0.002452
He y = 0.000653

Step 1: Fracture pressure at top of injection interval
Pfrac_psig FG * D
Pfrac_psig = 0.75 * 3007 = 2255.25 psig

Pbh_max_psia Pbh_max_psia
= Pfrac_psig + Patm
2255.25 + 14.7 = 2269.95 psia

Step 2: Mixture molecular weight
MWmix sum(y_i * MW_i)
MWmix= 41.1362 lbm per lbmol

Step 3: Temperature conversion
TR T_F + 459.67
T_R = 77.1 + 459.67 = 536.77 deg

Step 4: Gas compressibility factor Z

Z was computed in Excel using Sutton pseudo critical properties, Wichert Aziz sour gas correction, and the Dranchuk Abou Kassem correlation solved iteratively. Evaluated at P = 2269.95 psia and the reservoir temperature.
Z = 0.5812

Step 5: Convert bottomhole limit to wellhead MAIP (no friction)
Pbh Pwh * exp((MWmix * D) / (1545.264 * Z * T_R) Pwh Pbh/exp((MWmix * D)/ (1545.264* Z* T_R) A = (41.1362 * 3007) / (1545.264 * 0.5812 * 536.77)
A 0.25659

expA = exp(0.256 59) = 1.29252

Pwh_psia = 2269.95 / 1.29252 1756.22 psia
MAIP_psig = 1756.22 - 14.7 = 1741.52 psig

MAIP = 1742 psig

Coyote Resources LLC
Big Rose Colony 2-34
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T34N-R1W, Section 34
Underground Injection Control (UIC) Class II Application

ACTUAL CALCULATIONS

Maximum Allowable Injection Pressure (MAIP) Calculations:

Well Name	**Big Rose Colony 2-34**		
API Number:	25-???-????		
Atmospheric Pressure (Patm)	14.7 psi		
Fracture Pressure at top of injection interval:			
Frac Gradient	0.75	psi/ft	Conservative FG estimate unless known
Depth	3,007.00	ft	Top of Injection Interval
Frac Pressure (Pfrac)	2,255.25	psig	FG x Depth
Pressure (Pbh)	2,269.95	psia	Frac Press + Patm
Gas Mixture Molecular Weight			
Molecular Weight (mix)	43.66	lbm/lbmol	Determined from Gas Composition
Temperature Conversion:			
BH Temp (F)	77.00	deg F	
BH Temp (Rankine)	536.67	deg R	459.67+BHT
Gas Compressibility			
Z-Factor	0.5834		Calculated from Gas Composition
Convert BHP to Wellhead MAIP			
A	0.2048		(Mw(mix) x Pbh)/1545.264*Z*T*
expA	1.2273		expA
Pwh (psia)	1,849.50	psia	Pbh/expA
MAIP	**1,834.80**	**psig**	Pwh-Patm