

**State of Montana**  
**Board of Oil and Gas Conservation**

**Docket No:** 15-2019  
Underground Injection Control  
Application

**Tortuga #26-1 SWD**  
**27N-57E**

**HYDRA MT LLC**  
9821 Katy Freeway – Ste. 460, Houston, TX 77024  
(713) 360-7705, fax (713) 360-7712

March 13, 2018

Montana Board of Oil & Gas Conservation  
2535 St. Johns Avenue  
Billings, MT  
59102

Attn: Mr. George Hudak  
UIC program Director

**Re: Request for Conversion and Subsequent Injection Permit  
Dakota Formation located in T27N-R57E  
Roosevelt County, Montana**

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Dear Mr. Hudak,

Please find enclosed an Underground Injection Control (UIC) application by Hydra MT, LLC requesting the granting of authority to drill and inject water into the Dakota Formation at the Tortuga 26-1 SWD. Hydra MT, LLC is requesting that the application be placed on the default docket for the MBOGC April 19, 2018 hearing.

If you have any questions concerning the enclosed application please contact me at (713)-882-4079.

Very truly yours,  
Hydra MT LLC



Peter Larsen, Sr. Engineer

# Underground Injection Control (UIC) Permit Application

## WILDCAT Roosevelt Field

The following is submitted in support of our application to permit the drilling and completion of the Tortuga #26-1 SWD well for the purposes of water injection into the Dakota Group and related rocks within the proposed Wildcat Roosevelt Field, as required by Rule 36.22.1403 of the Rules and Regulations of the Montana Board of Oil & Gas Conservation.

**1(a) Well Locations:**

The Tortuga #26-1 well has been proposed for drilling and completion of a water injection within the proposed Wildcat Field in Roosevelt County, Montana as described below. Appendix I, depicts the surface location and a circle of a quarter ¼-mile radius representing the area of review (AOR) for this well.

Tortuga #26-1 SWD  
2256' FSL, 178' FEL  
Sec. 26-T27N-R57E

**1(b) Wells Located within the ¼-mile Area of Review (AOR):**

There are currently no wells within the 1/4-mile AOR. The Jill multi-well pad, is located within ¼-mile AOR. The Jill wells, targeting the Middle Bakken, are expected be drilled and completed after the Tortuga #26-1 SWD is completed.

**1(c) Location of All Pipelines:**

The Tortuga #26-1 SWD surface facilities will be constructed on the adjacent Jill CTB location in Section 27-T27N-R57E. The SWD injection pump located at the Jill CTB will be connected to the Tortuga #26-1 SWD wellbore with an underground flowline, as illustrated in Appendix II.

Injection fluids will come from two primary sources, the Farrah 35-36 #2H, Shayla 34-33 #1H, & Fallon 27-28 #1H CTB and the Jill 1H, 2H, 3H, 4H & 5H CTB. An underground pipe from the Farrah, Shayla, & Fallon CTB pad will deliver fluid to the Tortuga facility located at the Jill CTB, as depicted in Appendix II. Injection waters will primarily consist of Bakken/Three Forks produced water with potential of a mixture of Ratcliffe, Mission Canyon, and Red River produced water.

**1(d) Area Producing Formations, Fresh Water Aquifers and Water Well Information:**

The Ratcliffe, Mission Canyon, Bakken and Red River are formations that are producing or have been productive within T27N R57E in Roosevelt County, MT. The Ratcliffe and Mission Canyon produce between 8,532'-9,177'. The Middle Bakken produces between 9,912'-9,951'.

Fresh water well data was obtained from the Montana Department of Natural Resources and Conservation, Water Resources, Division. There is one fresh water well which produces within the ¼-Mile AOR of the proposed injector.

<u>Location</u>	<u>S-T-R</u>	<u>Well ID#</u>	<u>Well Depth</u>
NWSW	26-T27N-R57E	294347	140'

Any potential USWDs are protected from the proposed injection zone by surface casing to set at 1,735' cemented to the surface. The production string, tubing and an injection packer will result in further isolation of fresh USWDs from injected fluids.

**1(e) Name and Geological Description of Injection Zone:**

The Cretaceous-aged Dakota Group consists of alternating sandstone, siltstone and shale sequences. It is encountered at a measured depth between 4,966' and 5,370' in the subject well. Individual sandstone layers are up to 30' thick and typically described as friable, fine-to-medium grained and moderately-to-poorly sorted. Appendix III, illustrates a representative log of the injection interval in the region of this wellbore.

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

No wells are currently drilled within the AOR.

**1(g) Open Hole Logs:**

This Tortuga #26-1 SWD will be a new drill SWD. The logging program will consist of a CBL/CCL/GR log ran from TD to Surface during the completion of the well. Any logs and test data run on the Tortuga #26-1 SWD will be supplied to MBOGC.

**1(h) Description of Wellbore Construction:**

Appendix IV, attached to this document is the MBOGC's Form 2 requesting drilling and completing the subject well as an SWD. Appendix V, depicts the proposed wellbore configuration for the Tortuga #26-1 SWD. Perforations will be selected after logs will be run. Appendix VI, illustrates the plan for completion of the subject well. The Dakota Group perforations will be acidized with 12,000 gallons of 15% HCL using rock salt for diversion with a maximum allowable treating pressure of 5,000 PSIG at the wellhead during stimulation.

The completion will consist of a 4-1/2" 11.6# J-55 LTC internally plastic-coated tubing string & 3-1/2" AS-1X Big Bore Nickel Plated isolation packer set within 100' of the top perforation estimated at 5,044'

**1(i) Description of Injection Fluid:**

The Tortuga #26-1 SWD will primarily be used to inject produced water from wells producing from the Bakken formation in the surrounding area. Water from the Red River, Madison and other producing intervals of the Williston Basin may also be disposed of in the Tortuga #26-1 SWD, depending on future development plans. Appendix VII, depicts a representative water analyses from a Bakken well in the area well that will be injected at the Tortuga #26-1 SWD. The specific gravities of the water are expected to range from 1.09 to 1.22. The Dakota formation has been the most prevalent disposal domain throughout Eastern Montana and North Dakota.

**1(j) Names of Owners of Record:**

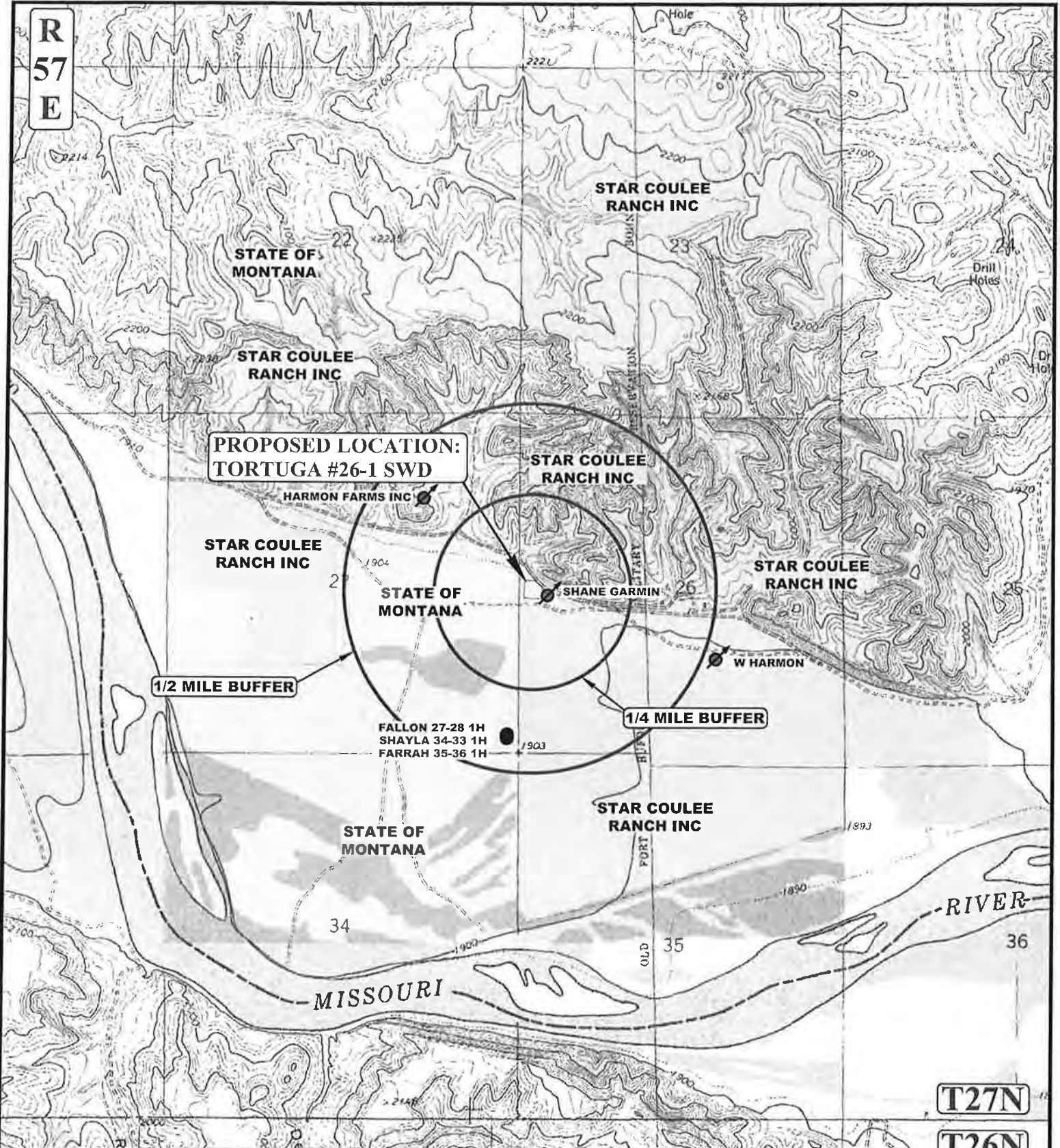
The surface owners and mineral owners within the AOR are presented in Appendix VIII

Hydra MT, LLC has notified the current operators, surface owners and lease owners in accordance with 36.22.1410 1) notification requirements for an underground injection permit. Appendix IX is an affidavit attesting to the fact that notices have been mailed.

**1 (k) List of Appendices:**

- I ¼-Mile Area of Review Map
- II Plat of Flowlines and Pipes
- III Representative Log
- IV Sundry Notices
- V Proposed Wellbore Schematic
- VI Proposed Completion Procedure
- VII Water Analysis – Source Waters
- VIII List of Surface Owners/Mineral Owners in ¼-Mile AOR
- IX Affidavit of Notification to Landowners
- X Example of Landowner Notifications of Application for Injection
- XI Notice of Intention to Apply for a Class II Well.
- XII Affidavits of Publication – Helena & Wolf Point

R  
57  
E



**PROPOSED LOCATION:  
TORTUGA #26-1 SWD**

**1/2 MILE BUFFER**

**1/4 MILE BUFFER**

REV: 01 03-12-18 R.M.T. (UPDATE BUFFER)

**LEGEND:**

- ⊗ DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- ⊗ WATER WELLS
- ⊗ ABANDONED WELLS
- TEMPORARILY ABANDONED
- ⊗ CONFIDENTIAL



**UELS, LLC**  
 Corporate Office \* 85 South 200 East  
 Vernal, UT 84078 \* (435) 789-1017



**HYDRA SERVICES LLC**

**TORTUGA #26-1 SWD  
 LOT 7, SECTION 26, T27N, R57E, P.M.M.  
 ROOSEVELT COUNTY, MONTANA**

SURVEYED BY	I.J.	02-01-18	SCALE
DRAWN BY	R.M.T.	02-05-18	1 : 24,000
<b>WELL PROXIMITY MAP</b>			<b>TOPO C</b>

**T27N**  
**T26N**



27

S

1/4 Section Line

PIT  
JILL 26-25 #1H, #2H,  
#3H, #4H & #5H  
WELL PAD

E 1/4 Cor.  
Sec. 27,  
Brass Cap

Proposed Injection Line

TORTUGA  
#26-1 SWD  
WELL PAD

Proposed SWD Line

Proposed Access Road  
for the TORTUGA #26-1  
SWD ±41'

Proposed ONEOK Pipeline

Proposed Access Road  
for the JILL 26-25 #1H,  
#2H, #3H, #4H & #5H  
±137'

Existing

1/16 Section Line

1/4

Proposed SWD Line

Existing  
Road

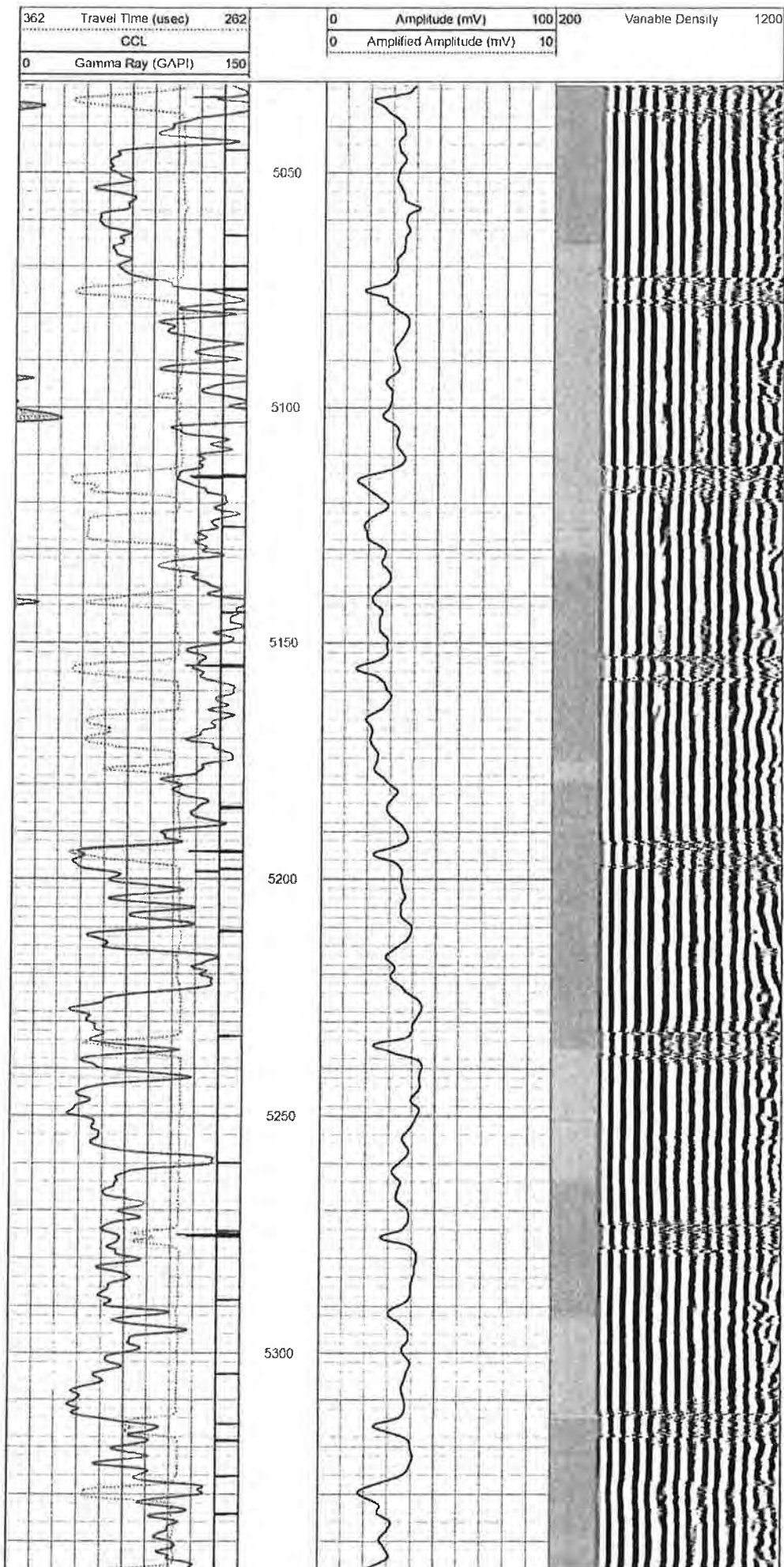
FARRAH 35-36 #2H,  
SHAYLA 34-33 #1H  
& FALLON 27-28 #1H

Existing Gas Line

# Appendix III: Representative Type Log

IC Permit Application  
 ydra MT, LLC  
 ortuga #26-1 SWD

ype Log:  
 raken Operating, LLC  
 PI: 2508521982  
 ell: Fallon 27-28 1H  
 SE-27-27N-57E





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 <b>Hydra MT, LLC</b>		Lease Name: <b>Tortuga SWD</b>	
Address <b>9821 Katy Freeway Ste 460</b>		Type (Private/State/Federal/Tribal/Allotted): <b>Private</b>	
City <b>Houston</b>	State <b>TX</b>	Zip Code <b>77024</b>	Well Number: <b>#26-1</b>
Telephone <b>713-360-7705</b>	Fax <b>713-360-7712</b>	Unit Agreement Name:	
Location of well (1/4-1/4 section and footage measurements): <b>1526' FSL 178' FWL NWSW of Section 26, T27N, R57E</b>		Field Name or Wildcat:	
API Number:		Township, Range, and Section: <b>26- T27N-R57E</b>	
<b>25</b>   <b>085</b>   _____ State County Well	Well Type (oil, gas, injection, other): <b>Injection</b>	County: <b>Roosevelt</b>	

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 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) <u>Intent to Drill &amp; Complete a Class II Injection Well</u> <input checked="" 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"/>
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------


**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.

**Hydra MT, LLC respectfully requests approval to drill and complete a disposal well at the referenced location for injection of Class II E&P waste. Notice has been provided to parties within the 1/4 mile area of review of the proposed location. An application for hearing on the Montana Board of Oil and Gas Conservation docket has been requested for April 19, 2018.**

BOARD USE ONLY	
Approved _____	Date _____
Name _____	Title _____

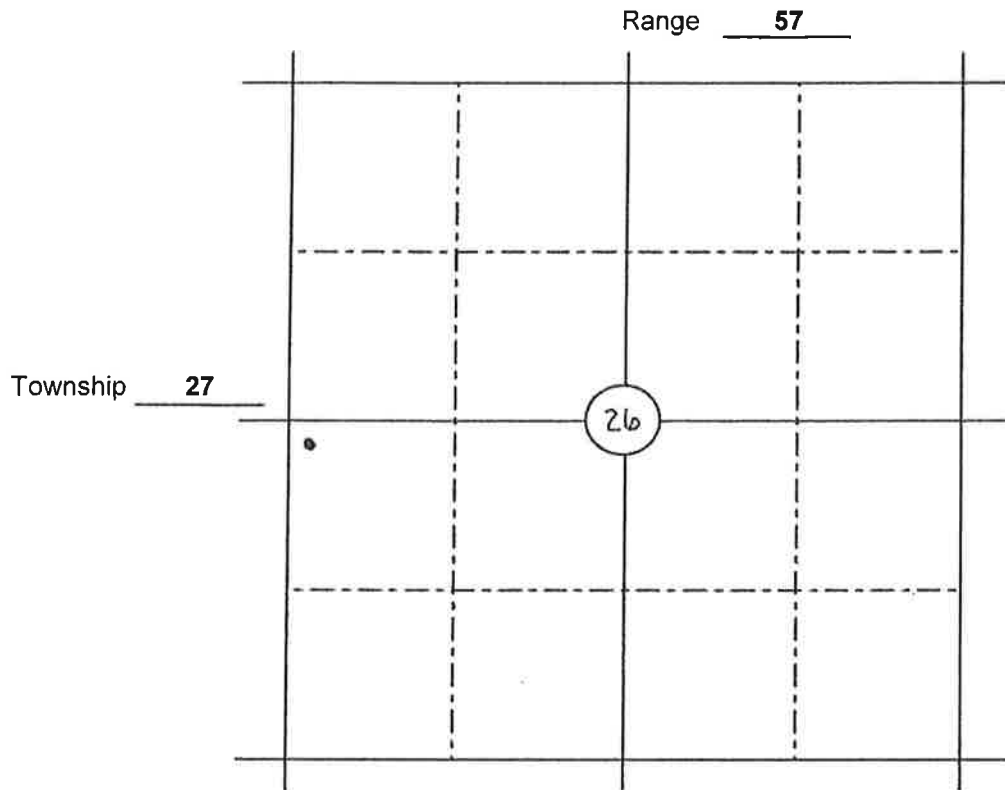
The undersigned hereby certifies that the information contained on this application is true and correct:

3/13/18	
Date	Signed (Agent)
Peter Larsen, Sr. Engineer	
Print Name and Title	
Telephone: _____	713-360-7705

### 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**

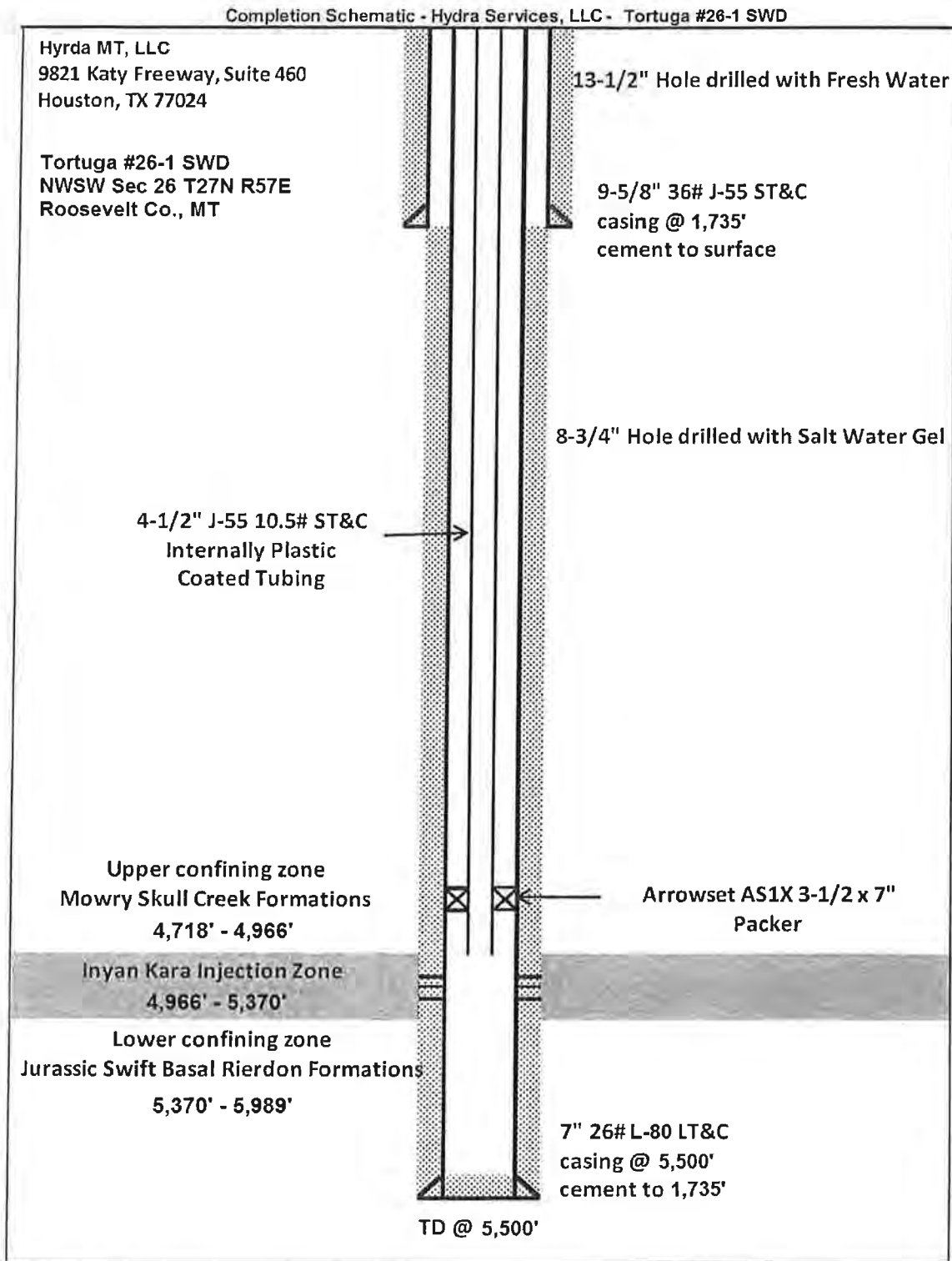
**CONDITIONS OF APPROVAL**

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

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

# Appendix V: Wellbore Diagram

Montana Board of Oil & Gas Conservation  
Underground Injection Control – Permit Application



# Appendix VI: Completion Procedure

Montana Board of Oil & Gas Conservation  
Underground Injection Control – Permit Application

Tortuga #26-1 SWD

Roosevelt Co., MT

## COMPLETION PROCEDURE

### WELL DATA:

Total Well Depth RKB      5500' TVD  
GL=1,907'

### Casing

<u>OD</u>	<u>WT</u>	<u>GRADE</u>	<u>CONN</u>	<u>ID</u>	<u>DRIFT</u>	<u>INTERVAL</u>	<u>BURST</u>	<u>COLLAPSE</u>
9-5/8"	36#	WC50	LTC	8.921	8.765	0 – 1735'	3520	2020
7.00"	26#	L-80	LTC	6.276	6.151	0 – 5500'		

### Tubing (PROPOSED)

<u>OD</u>	<u>WT</u>	<u>GRADE</u>	<u>CONN</u>	<u>ID</u>	<u>DRIFT</u>	<u>INTERVAL</u>	<u>BURST</u>	<u>COLLAPSE</u>
4-1/2"	11.6	J55 IPC	LTC			0 – 4,944'	5350	4960

### Objective:

#### A. OPERATIONAL REQUIREMENTS

1. Prior to each major operation, hold a pre-job safety/ planning meeting (**PJSM**) with all personnel involved in the operation. Discuss the upcoming operation and safety concerns and solicit feedback from all personnel involved.
2. Keep track of daily activities on your Daily Report.
3. Inspect any tanks prior to filling.
4. Physically caliper, measure, and photograph ALL tools that enter the well bore.

#### B. COMPLETE THE WELL FOR INJECTION

1. Contact MBOGC within 24 hours of commencement.
2. Set and test workover rig anchors.
3. Move in and rig up workover rig, mud pump, mud tank, power swivel, pipe racks, catwalk, and 2-400 bbl tanks.
4. Move in and unload 6000' 2-7/8" PH6 work string on pipe racks.

**Tortuga #26-1 SWD  
Roosevelt Co., MT**

- a. Visually inspect before use.
5. Install a 7-1/16" 5000 psi BOP with 2-7/8" pipe rams/blind rams and a 5000 psi Washington Head.
6. Close Blinds, Pressure Test wellbore to 1,000 PSIG for 15 minutes.
7. Pick up and go in hole with a used 6-1/4" rock bit w/2-7/8" work string.
8. Trip in hole to Float Collar at est. depth of 5,475'.
9. Circulate hole w/10# brine.
10. TOOH. LD first 400'. Stand back rest of string.
11. Rig up Wireline and Run CBL to verify cement across and above the Dakota
12. Perforate the Dakota (all perms = 6 spf, 60 degree phasing, hole size 0.5" with at least 40" penetration) at:
  - a. 5,044' – 5,072'
  - b. 5,193' – 5,214'
  - c. 5,225' – 5,314'
13. Trip in hole with 7" packer on 2-7/8" work string and set packer 5,000' to acidize the perms
14. Acidize perms with:
  - a. 12,000 gal 15% HCL containing mud cleanout surfactants and 1 ppg rock salt pumped per attached procedure. Ramp treatment pressure up to 10 BPM. Do not exceed tubular burst strength during treatment.
  - b. Follow acid with 400 bbl fresh water at 10 BPM. Displace fresh water with tbg volume of salt water.
  - c. Record ISIP, 5 minute, and 10 minute shut-in pressures. Pump test injection zone at 2- 10 BPM. Record injection pressures during injectivity test.
15. Release packer and trip out of hole with 2-7/8" work string. Lay down work string and packer.
16. Trip in hole with 7.00" Arrowset 1-X Nickel coated packer and 4-1/2" tubing. Set packer at 4,944' and displace annulus with 10 ppg brine treated with packer fluid chemical.
17. ND BOP/ NU injection wellhead. Test casing-tubing annulus to 1,000 psi with MBOGC inspector as witness. Install permanent pressure gauge on casing-tubing annulus to monitor pressure.
18. Rig down and move out workover rig.

**Appendix VII: Water Analysis**

**ASTRO-CHEM LAB, INC.**

4102 2nd Ave. West

Williston, North Dakota 58802-0972  
P.O Box 972

Phone: (701) 572-7355

**WATER ANALYSIS REPORT**

Sample Number: W-17-2473

Date of Analysis: 06/06/2017

Company: Kraken Operating, LLC.

City: Houston

State: TX

Well Number: Shayla 34-33 #1H

Date Received: 05/25/2017

DST Number:

Sample Source: Flowback Treater

Location: SESE Section: 27 Township: 27N Range: 57E County: Roosevelt

Formation: MIDDLE BAKKEN

Depth:

Distribution: Distribution List

Resistivity @ 77 °F 0.043 Ohm-Meters pH 5.49

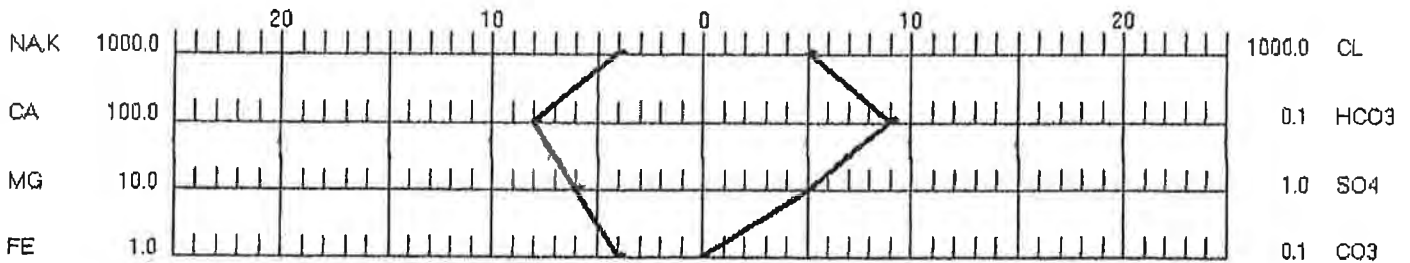
Specific Gravity @ 77 °F 1.185 H2S Negative

Total Dissolved Solids (Calculated) 285229 mg/L ( 240700 ppm)

Sodium Chloride (Calculated) 280263 mg/L ( 236509 ppm)

CATION	MEQ/L	mg/L	ANION	MEQ/L	mg/L
CALCIUM	840.0	16833	CHLORIDE	4794.0	169962
MAGNESIUM	60.0	729	CARBONATE	0.0	0
SODIUM	3884.3	89300	BICARBONATE	0.9	55
IRON	3.8	71.0	SULFATE	5.3	253
CHROMIUM	0.1	0.7	NITRATE	0.0	0
BARIUM	0.4	28.6			
POTASSIUM	175.2	6850			
STRONTIUM	25.6	1120.0			
ZINC	0.9	28.1			

**WATER ANALYSIS PATTERN**



Remarks: Sampled 5-24-17  
MTM #097524

Analyzed By: C. Jungels

## WATER ANALYSIS REPORT

Sample Number: W-17-2469

Date of Analysis: 06/06/2017

Company: Kraken Operating, LLC.

City: Houston

State: TX

Well Number: Fallon 27-28 #1H

Date Received: 05/25/2017

DST Number:

Sample Source: Treater

Location: SESE      Section: 27      Township: 29N      Range: 60E      County: Roosevelt

Formation: MIDDLE BAKKEN

Depth:

Distribution: Distribution List

Resistivity @ 77 °F      0.040 Ohm-Meters      pH      5.27

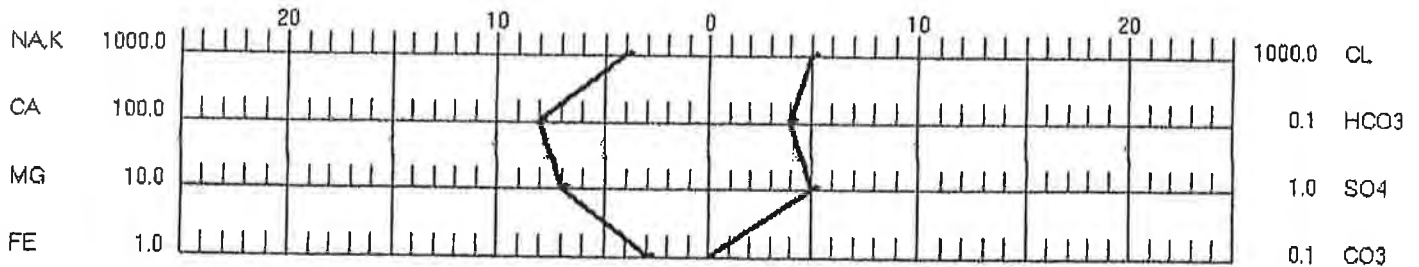
Specific Gravity @ 77 °F      1.200      H2S Negative

Total Dissolved Solids (Calculated)      285179 mg/L      ( 237649 ppm)

Sodium Chloride (Calculated)      280263 mg/L      ( 233552 ppm)

CATION	MEQ/L	mg/L	ANION	MEQ/L	mg/L
CALCIUM	840.0	16833	CHLORIDE	4794.0	169962
MAGNESIUM	70.0	851	CARBONATE	0.0	0
SODIUM	3871.3	89000	BICARBONATE	0.4	24
IRON	3.1	58.0	SULFATE	5.0	239
CHROMIUM	0.1	0.8	NITRATE	0.0	0
BARIUM	0.5	33.5			
POTASSIUM	179.3	7010			
STRONTIUM	26.0	1140.0			
ZINC	0.9	28.5			

### WATER ANALYSIS PATTERN



Remarks: Sampled 5-24-17  
MTM #105204

Analyzed By: C. Jungels

## **Underground Injection Control (UIC) Permit Application**

### **Appendix 8 - List of Surface Ownership**

State of Montana  
1625 Eleventh Ave.  
Helena, Montana 59601  
Star Coulee Ranch, Inc.  
5013 Road No. 1006  
Bainville, MT 59212

### **Appendix 8 - List of Mineral Ownership**

State of Montana  
1625 Eleventh Ave.  
Helena, Montana 59601  
United States of America  
Bureau of Land Management  
5001 Southgate Drive  
Billings, MT 59101  
Star Coulee Ranch, Inc.  
5013 Road No. 1006  
Bainville, MT 59212  
Harmon Holdings, LLC  
8200 Saddle Mountain Road  
Bozeman, MT 59715





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NOTICE

March 13, 2018

To: Surface and Mineral Owners

From: Hydra MT LLC  
9821 Katy Freeway, Suite 460  
Houston, TX 77024

**RE: Proposed Private Saltwater Disposal Well**

Location of proposed Disposal Well and Facility (Tortuga 26-1)

NW4SW4 of Section 26, Township 27 North, Range 57 East, Roosevelt County, MT

Please be advised that Hydra MT (Hydra) has applied to the Montana Board of Oil and Gas Conservation (MBOGC) to drill a saltwater disposal well and construct an associated facility at the above desired location. Hydra will be seeking a final approval from the MBOGC on April 19, 2018 at a hearing in Billings, MT at the MBOGC Hearing Room at 2535 St. John's Avenue, Billings, Montana 59102, beginning at 8:00 am.

Pursuant to the requirements of project application and regulations of the MBOGC, you are hereby notified of this project.

Respectfully,

Andrew D. McGhee  
Hydra MT LLC  
713-360-7705



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NOTICE

March 13, 2018

To: Star Coulee Ranch, Inc.  
5013 Road No. 1006  
Bainville, MT 59212

From: Hydra MT LLC  
9821 Katy Freeway, Suite 460  
Houston, TX 77024

**RE: Proposed Private Saltwater Disposal Well**

Location of proposed Disposal Well and Facility (Tortuga 26-1)

NW4SW4 of Section 26, Township 27 North, Range 57 East, Roosevelt County, MT

Please be advised that Hydra MT (Hydra) has applied to the Montana Board of Oil and Gas Conservation (MBOGC) to drill a saltwater disposal well and construct an associated facility at the above desired location. Hydra will be seeking a final approval from the MBOGC on April 19, 2018 at a hearing in Billings, MT at the MBOGC Hearing Room at 2535 St. John's Avenue, Billings, Montana 59102, beginning at 8:00 am.

Pursuant to the requirements of project application and regulations of the MBOGC, you are hereby notified of this project.

Respectfully,

Andrew D. McGhee  
Hydra MT LLC  
713-360-7705



NOTICE

March 13, 2018

To: State of Montana  
1625 Eleventh Ave.  
Helena, Montana 59601

From: Hydra MT LLC  
9821 Katy Freeway, Suite 460  
Houston, TX 77024

**RE: Proposed Private Saltwater Disposal Well**

Location of proposed Disposal Well and Facility (Tortuga 26-1)

NW4SW4 of Section 26, Township 27 North, Range 57 East, Roosevelt County, MT

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Pursuant to the requirements of project application and regulations of the MBOGC, you are hereby notified of this project.

Respectfully,

Andrew D. McGhee  
Hydra MT LLC  
713-360-7705



NOTICE

March 13, 2018

To: Harmon Holdings, LLC  
8200 Saddle Mountain Road  
Bozeman, MT 59715

From: Hydra MT LLC  
9821 Katy Freeway, Suite 460  
Houston, TX 77024

**RE: Proposed Private Saltwater Disposal Well**

Location of proposed Disposal Well and Facility (Tortuga 26-1)

NW4SW4 of Section 26, Township 27 North, Range 57 East, Roosevelt County, MT

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Respectfully,

Andrew D. McGhee  
Hydra MT LLC  
713-360-7705



NOTICE

March 13, 2018

To: United States of America  
Bureau of Land Management  
5001 Southgate Drive  
Billings, MT 59212

From: Hydra MT LLC  
9821 Katy Freeway, Suite 460  
Houston, TX 77024

**RE: Proposed Private Saltwater Disposal Well**

Location of proposed Disposal Well and Facility (Tortuga 26-1)

NW4SW4 of Section 26, Township 27 North, Range 57 East, Roosevelt County, MT

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Respectfully,

Andrew D. McGhee  
Hydra MT LLC  
713-360-7705

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

IN RE THE APPLICATION OF HYDRA MT LLC, FOR  
HEARING OF ITS REQUEST FOR A UIC PERMIT TO  
CONVERT THE KITTLESON 3-5 WELL, 1120'FNL, 1700'FEL,  
SEC. 05, T25N, R59E, TO AN INJECTION WELL FOR THE  
PURPOSE OF WATER INJECTION WITHIN THE Cattails  
Field. [RICHLAND COUNTY, MONTANA]

**AFFIDAVIT  
OF NOTIFICATION**

DATE: March 13<sup>th</sup>, 2018

State of Montana            )  
                                          : ss.  
County of Richland        )

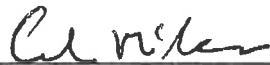
Peter Larsen, being first duly sworn, deposes and says:

That Notice advising of Hydra MT LLC application for UIC permit in the captioned matter, in the form attached as Exhibit "A", was mailed to each current operator, surface owner and lease owner within the area of review at the addresses shown in the exhibit attached to the Notice, by mailing a true copy thereof this 13<sup>th</sup> day of March 2018, postage prepaid, First Class Mail. This affidavit is given as evidence of compliance to rule 36.22.1410.



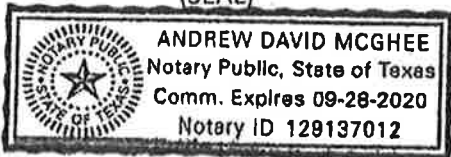
Peter Larsen

Subscribed and sworn to me this 13<sup>th</sup> day of March, 2018.



Notary Public for the State of Texas  
Residing at: Harris County  
My Commission Expires: 9-28-2020

(SEAL)



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

In the matter of the                                                 ) NOTICE OF INTENTION TO APPLY  
application of                                                             ) FOR A CLASS II INJECTION WELL  
                                                                                  ) PERMIT  
                                                                                  )  
**HYDRA MT LLC**                                                                 )

For a Class II injection well permit

1. Name and address of applicant  
**HYDRA MT LLC**  
**9821 Katy Freeway - Ste: 460**  
**Houston, TX 77024**
2. Well (or project) name, county, location  
**Tortuga 26-1 located 2526' FSL and 178' FWL**  
**NW ¼ SW ¼ of Section 26, T27N, R57E**
3. Source of fluids to be injected  
**Produced Water from nearby Bakken wells**
4. Zone or formation into which injection will occur, including depth  
**DAKOTA from approximately 4549' - 5370' TVD**

Pursuant to Rule 36.22.1409, Administrative Rules of Montana, the Montana Board of Oil and Gas Conservation will hold a public hearing upon the application of Hydra MT LLC for a Class II underground injection permit for the well or project set forth above. Said hearing will be held at the Montana Board of Oil and Gas Hearing Room at 2535 St. John's Ave., Billings, Montana, beginning at 8:00 am on Thursday, (**April 19<sup>th</sup>, 2018**).

**Walter Wilder**

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**From:** Billie Jo Williams <BillieJo.Williams@helenair.com>  
**Sent:** Wednesday, March 07, 2018 3:01 PM  
**To:** Walter Wilder  
**Subject:** RE: Kraken Legal Ad: Tortuga SWD

Hi Walter,

I have this Class II Injection permit scheduled for March 9, 2018. The charges are \$ 99.28 and will need to be prepaid I can be reached at 406-447-4000. Let me know. Here is your proof.

Thanks,

**BEFORE THE BOARD OF OIL AND GAS CONSERVATION  
OF THE STATE OF MONTANA  
NOTICE OF INTENTION TO APPLY FOR A CLASS II  
INJECTION WELL PERMIT**

In the Matter of the application of  
**HYDRA MT LLC**

for a Class II injection well permit.

1. Name and address of applicant

**HYDRA MT LLC  
9821 Katy Freeway, Suite 460  
Houston, TX 77024**

2. Well (or project) name, county, location

**Tortuga 26-1 located in  
2526' FSL and 178' FWL  
NW 1/4 SW 1/4 of Section 26, Y27N, R57E  
Roosevelt County, MT**

3. Source of fluids to be injected

**Produced Water from nearby Bakken wells**

4. Zone or formation into which injection will occur, including depth

**DAKOTA from approximately 4549' - 5370' TVD**

Pursuant to Rule 36.22.1409, Administrative Rules of Montana, the Montana Board of Oil and Gas Conservation will hold a public hearing upon the application of Hydra MT LLC for a Class II underground injection permit for the well or project set forth above. Said hearing will be held at the Montana Board of Oil and Gas Hearing Room at 2535 St. John's Ave., Billings, Montana, beginning at 8:00 am on Thursday, April 19, 2018

March 9, 2018 **MNAXLP**

**Billie Jo Williams**

Office Manager

Independent Record/P.O. Box 4249/2222 Washington Street/Helena, MT 59604

406-447-4000

billiejo.williams@helenair.com



**From:** Walter Wilder [mailto:wwilder@krakenoil.com]

**Sent:** Wednesday, March 07, 2018 10:17 AM

**To:** Hel IR Legal Ads

**Subject:** Kraken Legal Ad: Tortuga SWD