

STATE OF NEVADA

BRIAN SANDOVAL
Governor



BRADLEY CROWELL
Director

JASON KING, P.E.
State Engineer

DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES
DIVISION OF WATER RESOURCES

901 South Stewart Street, Suite 2002
Carson City, Nevada 89701-5250
(775) 684-2800 • Fax (775) 684-2811
<http://water.nv.gov>

November 9, 2017

RE: Monitor Well Waivers for wells CV-01, CV-03 and CV-04

Walter Weinig
Esmeralda Minerals, LLC
108 North Minnesota Street
Carson City, Nevada 89703

Re: Request to use wells CV-1, CV-03 and CV-04 as monitoring wells for mineral resource development within the Clayton Valley Hydrographic Basin (143), Esmeralda County, Nevada.

Well Coordinates: Latitude/Longitude, North American Datum 1983.

CV-01 143 S02 E40 29 Ac [sw¼ NE¼] (N) 37.738281° (W) 117.559853° APN: 006-281-02

CV-03 143 S02 E40 29 Ad [se¼ NE¼] (N) 37.736717° (W) 117.559078° APN: 006-281-02

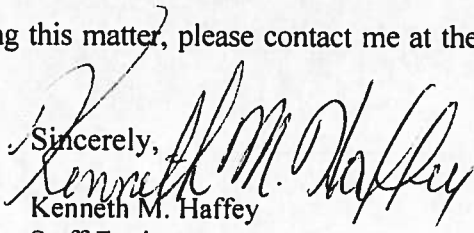
CV-04 143 S03 E40 06 Ac [sw¼ NE¼] (N) 37.736717° (W) 117.559078° APN: 006-281-02

Dear Mr. Weinig,

This letter is in response to your waiver application received in this office on October 4, 2017. As provided in Nevada Administrative Code (NAC) 534.441 of the Regulation for Water Well and Related Drilling, permission is herewith **denied** to use wells CV-01, CV-03 and CV-04 as monitoring wells as described within your submittal. The Division has ordered these wells plugged on October 12, 2016.

Should you have any questions regarding this matter, please contact me at the address above, by email at khaffey@water.nv.gov or at 775-684-2814.

Sincerely,


Kenneth M. Haffey
Staff Engineer

KMH/jw

cc: Timothy Donahoe

Tim Wilson, Well Drilling Regulation, e-mail

Jake Echeverria, Well Drilling Regulation, e-mail

Mike Scott, Well Drilling Regulation, e-mail

Erielle Cushing, Well Drilling Regulation, e-mail

**IN THE OFFICE OF THE STATE ENGINEER OF THE STATE OF NEVADA
REQUEST FOR A WAIVER FOR OBSERVATION OR MONITOR WELL(S)**

The applicant and/or person or company responsible for drilling and plugging the temporary well(s):

<u>Walter Weinig</u> Name <u>108 N. Minnesota Street</u> Street Address or PO Box	<u>V.P. of Projects and Permitting</u> Title <u>Carson City</u> City or Town	<u>Esmeralda Minerals, LLC.</u> Company <u>NV 89703</u> State and ZIP Code
--	---	---

Telephone number of responsible party: (775) 882-9900

Estimated project dates: February 2015 Start Date Ongoing Completion Date

Location of the well: **PLSS, GPS Coordinates and Map Datum are required.**

(If more than one well is to be installed for the same project, use the accompanying form to list each well.)

SW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 29 T 02 S R 40 E, M.D.B. & M.

{ Latitude (N): <u>37.738281</u> }	or	{ UTM (m) E: _____ }	Datum <u>NAD83/WGS84</u>
{ Longitude (W): <u>-117.559853</u> }		{ UTM (m) N: _____ }	

County Assessor Parcel Number (APN): 006-281-02

Street Address (if any): not applicable (CV-01)

NDEP Order # (if any): not applicable

Purpose and duration of well(s):

The existing well is necessary for conducting resource characterization and monitoring efforts to support mineral resource development and permitting activities. Please refer to attached Well Driller's Report (Log) 125897.

If this waiver is an amendment or change to an original waiver, or if the property has other monitor wells installed, please give the original waiver number.

M/O - _____

The following items must be submitted with the waiver request:

- **A schematic drawing of the typical monitor well construction**
- **Affidavit of Intent to Plug a Well (Listing all wells by well ID/Name) (Separate Affidavit for each $\frac{1}{4}$, $\frac{1}{4}$)**
- **Location Map (i.e., Large Scale, inch = miles)**
- **Site Detail Map (i.e., Small Scale, inch = feet)**

Signatory Contact Information:

(775) 828-6800

Telephone Number

5250 Neil Road, Suite 300

Mailing Address

Reno, NV 89502

City, State, ZIP Code

Timothy P. Donahoe

Printed Name



Signature

10/3/2017

Date

IN THE OFFICE OF THE STATE ENGINEER OF NEVADA

AFFIDAVIT OF INTENT
TO ABANDON A WELL

Notice of Intent # _____

I, Walter Weinig, V.P. Name & Title
ESMERALDA MINERALS, LLC. Company
108 N. Minnesota Street Address
Carson City, NV 89703
(775) 882-9900 Telephone Number

RECEIVED
2017 OCT -4 AM 10:32
STATE ENGINEERS OFFICE

of the real property located at:

Street address (if any) not applicable (Well CV-01)

County Assessor Parcel Number (APN) 006-281-02

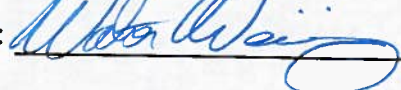
Situated within the SW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 29 T 02 S R 40 E, M.D.B. & M.

{ Latitude (N): 37.738281 } or { UTM (m) E: _____ } Datum
{ Longitude (W): -117.559853 } { UTM (m) N: _____ } NAD83/WGS84

and whereupon an existing well or wells are located or to be located, fully understand that I shall be responsible for, and shall cause the existing well to be plugged in accordance with the provisions contained in Nevada Administrative Code (NAC) 534.420 and all other applicable rules and regulations for drilling/plugging wells in the State of Nevada.

I shall further make any purchaser of this parcel aware of these conditions.

Responsible Party

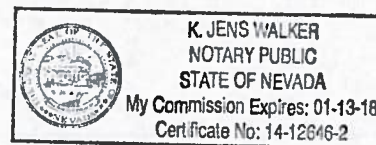
(Printed Name): Walter Weinig (Signature): 

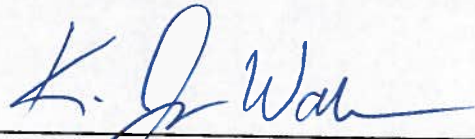
State of Nevada

County of Washoe

Subscribed and sworn to before me on 07/18/17

by Walter Weinig.




Signature of Notary Public Required

Notary Seal

STATE OF NEVADA DIVISION OF WATER RESOURCES WELL DRILLER'S REPORT

PRINT OR TYPE IN BLACK INK ONLY
DO NOT WRITE ON BACK

Please complete this form in its entirety in
accordance with NRS 534.170 and NAC 534.340

OFFICE USE ONLY

Log No.

Permit No.

Basin No.

NOTICE OF INTENT NO.

WELL NAME (if applicable): **CV-1**

1. OWNER/CLIENT NAME **Pure Energy Minerals**

MAILING ADDRESS **355 Burrard Street, Suite 1780
Vancouver, BC, V6G 2G8 Canada**

DETAILED ADDRESS AT WELL LOCATION
Clayton Valley near Silver Peak Nevada

2. PLS LOCATION NW ¼ SE ¼ 20 Sec 2 T15S 40 E

PERMIT/WAIVER NO. **MM-205**

Issued by Water Resources

Current Parcel No.

Subdivision Name

Latitude **37.690342**

UTM E

County **Esmeralda**

Longitude **-117.605476**

UTM N

☒ NAD 27

☐ NAD 83/WGS 84

3. WORKED PERFORMED

☒ New Well ☐ Deepen: Orig Well

☐ Replacement: Original well log #

☐ Recondition: Original well log #

4. ☐ Domestic

☐ Mining / Dewater

☒ Test / Other

PROPOSED USE

☐ Irrigation

☐ Com / Ind

☐ Mun / QM

☐ Monitor

☐ Stock

☐ Rec

5. WELL TYPE

☐ Auger

☐ Air

☐ Other

☒ Rotary

☒ Mud

☐ RVC

☐ Sonic

6. LITHOLOGIC LOG

Material Encountered	Lost Circ	Water Strata	From	To
Catche/Sand			0	50
Mixed Gravel		X	50	60
Coarse gravel and Sand			60	340
clay and Sand			340	370
Gravel and Sand			370	400
Coarse gravel and Sand			400	500
Sandy clay			500	540
Gravel and Sand		X	540	600
clay			600	640
clay and gravel			640	680
clay			680	690
gravel sand and clay		X	690	730
clay and Gravel			730	780
clay/sand			780	820
clay occasional sand			820	900
NOTE: See attachment CV-1 Bentonite Chips			605	635

7. WELL CONSTRUCTION

Depth Drilled: **900** Feet

Depth Cased: **900** Feet

HOLE DIAMETER (BIT SIZE)

From	To
14.75 inches	0 Feet
	900 Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
8.625	24	.25	+1.5	900

ANNULAR MATERIALS

Sanitary Seal <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
<input checked="" type="checkbox"/> Neat Cement	0	to	100	<input checked="" type="checkbox"/> Pumped <input type="checkbox"/> Poured
<input type="checkbox"/> Cement Grout		to		<input type="checkbox"/> Pumped <input type="checkbox"/> Poured
<input type="checkbox"/> Concrete Grout		to		<input type="checkbox"/> Pumped <input type="checkbox"/> Poured
<input checked="" type="checkbox"/> Bentonite Chips	100	to	110	<input checked="" type="checkbox"/> Pumped <input type="checkbox"/> Poured
<input checked="" type="checkbox"/> Gravel Pack (> 0.2 in)	510 to 605	to	635 to 900	<input checked="" type="checkbox"/> Pumped <input type="checkbox"/> Poured
<input type="checkbox"/> Sand Pack (< 0.2 in)		to		<input type="checkbox"/> Pumped <input type="checkbox"/> Poured
<input checked="" type="checkbox"/> Other, explain	340	to	510	<input checked="" type="checkbox"/> Pumped <input type="checkbox"/> Poured
Bentonite Chips	See Attachment			

PERFORATIONS:

Type of perforation:	8" PSX340 Mesh X20 Feet 304SS
Size of perforation:	0.04
From 520 Feet	To 600 Feet
From 640 Feet	To 900 Feet
From _____ Feet	To _____ Feet
From _____ Feet	To _____ Feet

DRILLER'S CERTIFICATION

This well was drilled under my supervision. This report is true to the best of my knowledge.

Name **Harris Exploration Drilling and Associates Inc.**

Address **PO Box 81805 San Diego CA 92138**

Phone **760-822-7886**

Nevada contractor's license number as issued by the **State Contractors Board**

0028000A A-6

Nevada well driller's license number as issued by the **Nevada Division of Water Resources (on-site driller)**

1783

Signed: **[Signature]** See Attachment letter

Date **Sept 20th 2016**

pg. **1** of pg. **1**

USE ADDITIONAL SHEETS IF NECESSARY

RECEIVED
2017 OCT -4
10:32 AM
STATE ENGINEERS OFFICE



**Division of Water Resources
Receipt for Payment**



Timothy Donahoe
3280 LAPWING LN
Reno, NV 89509

Check #: 131
Check Date: 10/3/2017
Date Received: 10/4/2017
Receipt #: 34639

FY	Amount	Permit #	Invoice #	Fee Type/Fee desc	Notes
2018	\$120.00	M/O WAIVER		- Waivers	COVERS M/O WAIVER X5
					CHECK TOTAL \$600.00

**IN THE OFFICE OF THE STATE ENGINEER OF THE STATE OF NEVADA
REQUEST FOR A WAIVER FOR OBSERVATION OR MONITOR WELL(S)**

The applicant and/or person or company responsible for drilling and plugging the temporary well(s):

<u>Walter Weinig</u>	<u>V.P. of Projects and Permitting</u>	<u>Esmeralda Minerals, LLC.</u>
Name	Title	Company
<u>108 N. Minnesota Street</u>	<u>Carson City</u>	<u>NV 89703</u>
Street Address or PO Box	City or Town	State and ZIP Code

Telephone number of responsible party: (775) 882-9900

Estimated project dates: February 2015 Start Date Ongoing Completion Date

Location of the well: **PLSS, GPS Coordinates and Map Datum are required.**

(If more than one well is to be installed for the same project, use the accompanying form to list each well.)

SE ¼ NE ¼ Section 29 T 02 S R 40 E, M.D.B. & M.

{	Latitude (N): <u>37.736717</u>	}	or	{	UTM (m) E: _____	}	Datum
	Longitude (W): <u>-117.559078</u>				UTM (m) N: _____		

County Assessor Parcel Number (APN): 006-281-02

Street Address (if any): not applicable (CV-03)

NDEP Order # (if any): not applicable

Purpose and duration of well(s):

The existing well is necessary for conducting resource characterization and monitoring efforts to support mineral resource development and permitting activities. Please refer to attached Well Driller's Report (Log).

If this waiver is an amendment or change to an original waiver, or if the property has other monitor wells installed, please give the original waiver number.

M/O - _____

The following items must be submitted with the waiver request:

- **A schematic drawing of the typical monitor well construction**
- **Affidavit of Intent to Plug a Well (Listing all wells by well ID/Name) (Separate Affidavit for each ¼, ¼)**
- **Location Map (i.e., Large Scale, inch = miles)**
- **Site Detail Map (i.e., Small Scale, inch = feet)**

Signatory Contact Information:

(775) 828-6800
Telephone Number

5250 Neil Road, Suite 300
Mailing Address

Reno, NV 89502

City, State, ZIP Code

Timothy P. Donahoe

Printed Name

Timothy P. Donahoe
Signature

10/3/2017
Date

IN THE OFFICE OF THE STATE ENGINEER OF NEVADA

AFFIDAVIT OF INTENT
TO ABANDON A WELL

Notice of Intent # _____

I, Walter Weinig, V.P. Name & Title
ESMERALDA MINERALS, LLC. Company
108 N. Minnesota Street Address
Carson City, NV 89703
(775) 882-9900 Telephone Number

RECEIVED
2017 OCT -4 AM 10:32
STATE ENGINEERS OFFICE

of the real property located at:

Street address (if any) not applicable (Well CV-03)

County Assessor Parcel Number (APN) 006-281-02

Situated within the SE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 29 T 02 S R 40 E, M.D.B. & M.

{ Latitude (N): 37.736717 } or { UTM (m) E: _____ } Datum
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Responsible Party

(Printed Name):

Walter Weinig

(Signature):

Walter Weinig

State of Nevada

County of

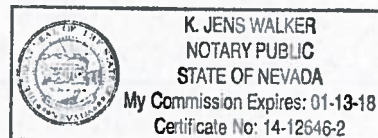
Washoe

Subscribed and sworn to before me on

07/18/17

by

Walter Weinig

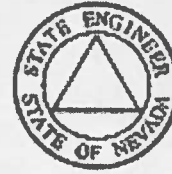


K. J. Walker
Signature of Notary Public Required

Notary Seal



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SW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 06 T 03 S R 40 E, M.D.B. & M.

{	Latitude (N): <u>37.736717</u>	}	or	{	UTM (m) E: _____	}	Datum
	Longitude (W): <u>-117.559078</u>				UTM (m) N: _____		

County Assessor Parcel Number (APN): 006-341-01

Street Address (if any): not applicable (CV-04)

NDEP Order # (if any): not applicable

Purpose and duration of well(s):

The existing well is necessary for conducting resource characterization and monitoring efforts to support mineral resource development and permitting activities. Please refer to attached as-built schematic drawing.

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M/O - _____

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City, State, ZIP Code

Timothy P. Donahoe

Printed Name



10/3/2017

Date

IN THE OFFICE OF THE STATE ENGINEER OF NEVADA

AFFIDAVIT OF INTENT
TO ABANDON A WELL

Notice of Intent # _____

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ESMERALDA MINERALS, LLC. Company
108 N. Minnesota Street Address
Carson City, NV 89703
(775) 882-9900 Telephone Number

of the real property located at:

Street address (if any) not applicable (Well CV-04)

County Assessor Parcel Number (APN) 006-341-01

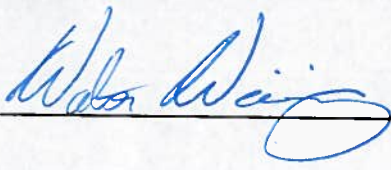
Situated within the SW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 06 T 03 S R 40 E, M.D.B. & M.

{ Latitude (N): 37.710413 } or { UTM (m) E: _____ } Datum
{ Longitude (W): -117.581181 } { UTM (m) N: _____ } NAD83/WGS84

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Responsible Party

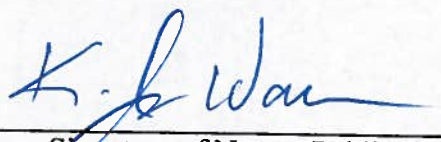
(Printed Name): Walter Weinig (Signature): 

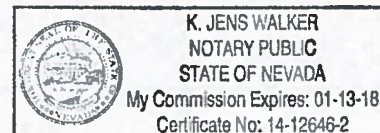
State of Nevada

County of Washoe

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by Walter Weinig


Signature of Notary Public Required



Notary Seal



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