



Douglas A. Ducey  
Governor

State of Arizona  
**Oil and Gas Conservation Commission**

1110 W. Washington Street, Phoenix, AZ 85007  
602-771-4501

[www.azogcc.az.gov](http://www.azogcc.az.gov)

Dennis L. Turner, Oil and Gas Administrator

Commissioners:  
Frank Thorwald, Chair  
J. Dale Nations, Ph.D., Vice Chair  
Stephen R. Cooper  
William C. Feyerabend

April 5, 2019

IN THE MATTER OF APPLICATION TO:  
EXCEPTION TO SPACING RULE, FILED BY:

RARE EARTH EXPLORATION, LLC

ON SECTION 12, TOWNSHIP 15 NORTH  
RANGE 22 EAST, G&SRM (Rare Earth 12-1 State)

NOTICE OF HEARING

RARE EARTH EXPLORATION, LLC., having filed application and notice of intention to drill a new well on Section 12, Township 15 North, Range 22 East, Gila and Salt River Base and Meridian and on Gila and Salt River Base and Meridian, location being in Navajo County, Arizona, and having requested that an exception be made to Arizona Administrative Code R12-7-107(B) relative to the spacing of gas wells,

IT IS HEREBY ORDERED, under the provisions of Arizona Administrative Code R12-7-107(E) that a public hearing be held at the office of the Arizona Department of Environmental Quality, 1110 West Washington Street, Phoenix Arizona on the 12<sup>th</sup> April 2019, Room 3100B at the hour of 10:00 a.m. at which time and place any and all interested parties may produce evidence as to why said application should or should not be granted.

GIVEN under my hand and the seal of the State of Arizona this 5<sup>th</sup> day of April, 2019.

A handwritten signature in cursive script, reading "Frank Thorwald", written over a horizontal line.

Frank Thorwald

Chairman, Oil Gas Conservation Commission

# AGENDA FOR PUBLIC HEARING FOR RARE EARTH EXPLORATION, LLC.

April 12, 2019

10:00 a.m., Room 3100B

## Arizona Department of Environmental Quality

- Presentation by Rare Earth Exploration, LLC: justification for well spacing exception, including all relevant subsurface data, for:
  - Rare Earth 12-1 State
- The Commission shall discuss, consider and vote to grant or deny the well spacing exception.

Any comments provided by the public shall not exceed three (3) minutes per speaker. The overall comment period shall not exceed ten (10) minutes per side. The Commission shall have the authority to end any public discussion that exceeds ten (10) minutes per side or twenty (20) minutes in total. The public may also attend this Commission hearing either in person or by telephone. Please contact the Oil and Gas administrator at least 48 hours before the scheduled meeting to make arrangements for a member of the public to attend by telephone. In cases where an emergency meeting is called by the Commission and 48 hours' notice is not possible, a minimum 24 hours' notice from the public is required.

**NOTE:** IMMEDIATELY FOLLOWING THE CONCLUSION OF THIS HEARING, THE COMMISSION WILL RECONVENE FOR A REGULAR PUBLIC MEETING. SEE SEPARATE AGENDA.

For additional information about this meeting, contact Dennis L. Turner, Oil and Gas Program Administrator, [ogcc@azdeq.gov](mailto:ogcc@azdeq.gov) or (602) 771-4501. A copy of the agenda and background material provided to Commission members (with the exception of material relating to possible Executive Sessions) is available for public inspection at the Arizona Department of Environmental Quality (ADEQ), Records Management Center, 1110 W. Washington Street, Phoenix, AZ 85007, or online at <http://www.azogcc.az.gov/meetings>.

ADEQ will take reasonable measures to provide access to department services to individuals with limited ability to speak, write or understand English and/or to those with disabilities. Requests for language interpretation, ASL interpretation, CART captioning services or disability accommodations must be made at least 48 hours in advance by contacting Ian Bingham, Title VI Nondiscrimination Coordinator at 602-771-4322 or [Bingham.Ian@azdeq.gov](mailto:Bingham.Ian@azdeq.gov). Teleprinter services are available by calling 7-1-1 at least 48 hours in advance to make necessary arrangements.

ADEQ tomará las medidas razonables para proveer acceso a los servicios del departamento a personas con capacidad limitada para hablar, escribir o entender inglés y / o para personas con discapacidades. Las solicitudes de servicios de interpretación de idiomas, interpretación ASL, subtítulos de CART, o adaptaciones por discapacidad deben realizarse con al menos 48 horas de anticipación contactando a Ian Bingham, Coordinador de Anti-Discriminación del Título VI al 602-771-4322 o [Bingham.Ian@azdeq.gov](mailto:Bingham.Ian@azdeq.gov). Los servicios de teleimpresores están disponibles llamando al 7-1-1 con al menos 48 horas de anticipación para hacer los arreglos necesarios.

**S. J. Mazzullo, PhD**  
**Petroleum Geological Consultant**  
7313 Ayesbury Circle  
Wichita, KS 67226

**TO:** Arizona Oil & Gas Conservation Commission  
**FROM:** S. J. Mazzullo, PhD  
Geological Consultant  
**SUBJ:** Initial proposed location, Rare Earth #12-1  
well, 12-15N-22E, Navajo Co., AZ  
**DATE:** December 30, 2018

To Whom It May Concern;

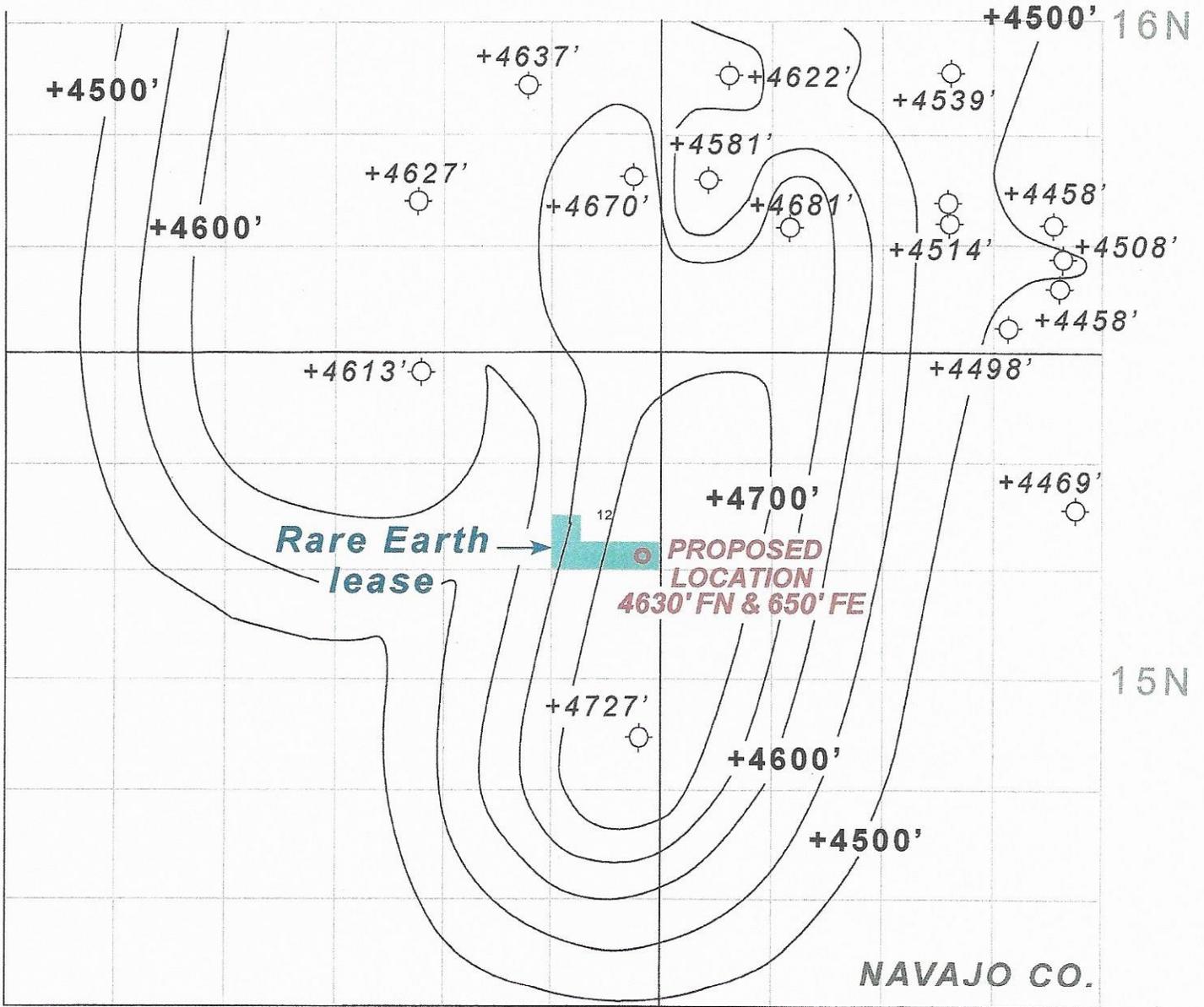
Rare Earth Exploration is seeking an exemption to the well location/spacing rule by requesting approval for a well to be drilled on its Puerco Ridge Prospect lease at 4630' FN of the north section line, and 650' FE of the east section line, in Section 12 T15N-R22E in Navajo County. This location is optimally located geologically near the crest of a structural high as shown on the accompanying *Structure Top of the Supai Fm* map. A location farther to the west-northwest following current spacing guidelines would, based on this map, likely be structurally down-dip of this optimal location, thus risking being below a possible gas/water contact. As the geologist who mapped this area, I urge you to allow Rare Earth Exploration an exemption to drill its well at a geologically optimal location.

Respectfully submitted,

*S. J. Mazzullo, PhD*

S. J. Mazzullo, PhD

# PUERCO RIDGE PROSPECT

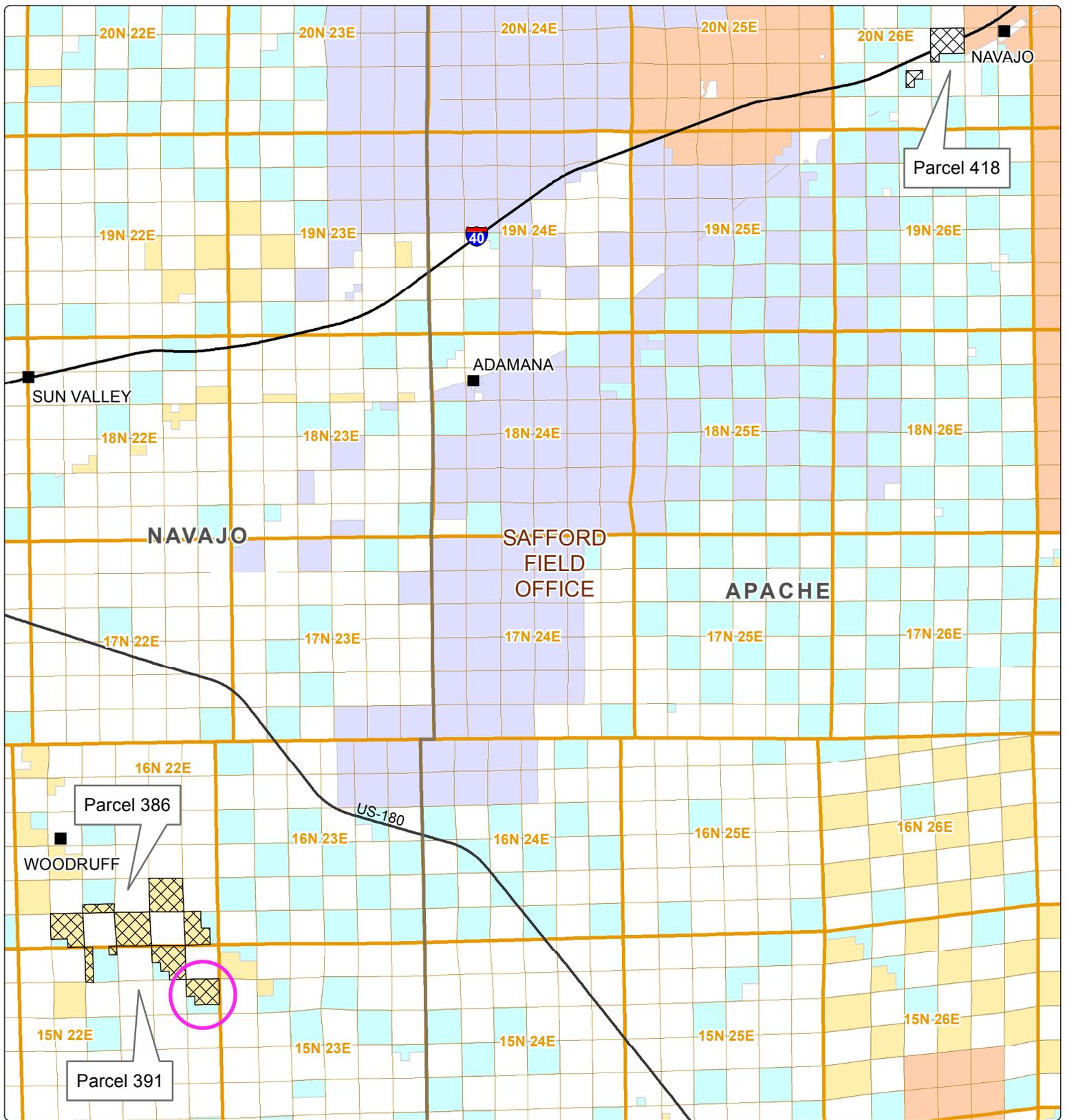


S.J. Mazzullo  
12/2018

22E

23E

Structure Top of Supai Fm  
CI = 50 ft



## Proposed Oil and Gas Lease Parcels

- Towns
- ▨ Oil & Gas Parcel
- BLM
- Indian Lands
- NPS
- Private
- State

0 2.5 5 Miles



1:250,000

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
ARIZONA STATE OFFICE



Date: 5/25/2018  
Author: kdcox



Disclaimer: This product may not meet BLM standards for accuracy and content. Different data sources and input scales may cause some misalignment of data layers. No warranty is made by the BLM for use of the data for purposes not intended by the BLM. Decisions in this document only apply to BLM lands.



■ Map Location



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Governor

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**Public Hearing of the Arizona Oil & Gas Conservation Commission**

**Rare Earth Exploration LLC Well Spacing Exception**

10:00 a.m., April 12, 2019, 2018, ADEQ Conference Room 3100B

Name / Organization – please print	email	phone
J. H. Ballard	jballard@exc@smi.com	
FRANK THORWALD		
NOA BRUHIS / ASO		
TONY HINES / RANGER DEV LLC	tonyhines@iacv.com	
Bill Feyerabend		
Dana Hagge / ASLD	dhagge@azkul.gov	
Jason Abplanalp / ASLD	j.abplanalp@azland.gov	
Stephen R Cooper / OBCC	tara.sommer@gmail.com	
Tara Sommer		
DENNIS TURNER / AOGCC Admin		
DALE NATIONS, via phone		
Rick Zeise	Rick.Zeise@ogcc.gov	
Madeline Greenbaum / ADEQ		
Lisa Test	notrackingaz@gmail.com	