



Osage Minerals Council
Special Meeting
December 8, 2022
Pawhuska, Oklahoma

Page 1 of 7

1. **Call to Order and Welcome by Chairman Waller** – 10:02 a.m.
2. **Opening prayer by Councilman Redcorn**
3. **Roll Call – Administrative Assistant Lanayah Turley**

Councilmember Bighorse – present
Second Chair Cheshewalla – present
Councilmember Currey – absent
Councilmember Red Eagle – present
Councilmember Redcorn – present
Councilmember Revard – present via zoom
Councilmember Shackelford – present
Chairman Waller – present

Guests present are: Robert Knappe, and Julie Malone

Chairman Waller asks if the council would be open to listening to Warrior to discuss their letter to go for a grant proposal with the University of Tulsa. He would like to add it into new business item 4.C. He says he would also like to add a meeting with general counsel. There are no objections.

4. **New Business**

a. Letter of Support for Department of Energy and KU – Stephan Oborney
Stephan Oborney is present via zoom. He states they are here as part of the Department of Energy team. They have been working with the OMC for a couple years on a project in which they are looking for critical minerals. They are after drilling and exploratory hole in Eastern Osage. The DOE has requested that they provide them with a proof of concept with an instrument that is being tested in the subsurface that could be used for exploring for critical minerals that are used in all forms of technology. They are here to ask for the council's blessing in exploring that portion of Eastern Osage.

*Councilwoman Currey enters meeting at 10:05 a.m.

Councilman Revard states that this was brought to Chairman Yates was introduced to this effort but it has never been discussed by the Minerals Council. He states Bill Lynn called him yesterday and gave him an overview of why they are here today, but he has a lot of questions. He would like to know what it is they are doing really. He states he told me that you are looking to drill that could be utilized to run cores, to pull cores out of in search of rare earth minerals. **Mr. Oborney** agrees. **Councilman Revard** says he would like a new explanation of who you are, what you are doing and why you are here. **Mr.**



Osage Minerals Council
Special Meeting
December 8, 2022
Pawhuska, Oklahoma

Page 2 of 7

Oborney says they will be in this area on the 19th if they would like more information and they would be happy to meet with the Council in person. He explains how they were received an award from the DOE that focused on coal and strata associated with coal. The project focuses on doing a recon within the midcontinent. They are looking at both in situ rock, waste piles, mine tailing piles, fly ash deposits from coal combustion and all kinds of stuff to evaluate if there is a sufficient amount of critical material to go in and do something with. It boosts economic vitality and cleans up the environment at the same time. This particular portion of the research project has an instrument that is lowered down the hole and gives an elemental composition of the rock as it goes down the hole. It is looking specifically for Gadolinium and Titanium. The idea is that if the Gadolinium contents of the rock is evaluated it can be used as a proxy for other critical minerals in the subsurface. A brand new hole is to be drilled. At a certain point, a core is collected and the instrument is used to log the well. The physical core will be evaluated from the same hole to get true value. That data is compared to the instruments data. Then they will go back to the DOE say here is our proof of concept that the instrument could be used to explore the entire midcontinent for these elements. Globally you will be able to drill a hole and tell if there were critical minerals in the subsurface. This is one of three holes. Another one is in Northeastern Kansas and one is Southcentral Iowa to northcentral Missouri border. That elemental data will be put into a subsurface model that has upwards of 90,000 oil wells from Des Moines down to Tulsa into a 3D subsurface model to correlate just like for exploration of hydrocarbons but it is being monitored for critical minerals. At this point, it is simply data collection. If it is determined, there are critical minerals then the project would move to phase two. **Jennifer Raney** says to give perspective on what the use has been for other similar wells it really is what is most beneficial for the council and what knowledge they would like to see from this spot. They are neutral third party it is purely resource research driven and it is public information. The well will be transferred ownership over to the council or repurpose it for how it will be beneficial. She says they are receptive to their recommendations. **Councilman Revard** asks if we will share in any benefit from the technology and why eastern Osage county was chosen. **Eva Coon** says this instrument is used regularly in the oil and gas industry. The benefit is just having early access to good scientific information. **Stephen Oborney** says they chose the Eastern part of Osage county is that they are paying for 1000 feet of logging. They know there are many coals that have been mined in Washington county and Nowata County. Those coals are in the subsurface in eastern Osage. The value is that it's at depth where the entire interval can be logged and correlated back to the surface. Additionally, this instrument has to be used beneath the water table. **Councilman Revard** says once you do the logging and coring you are willing to turn the well over or to somebody else or to plug the well and restore the surface. **Stephan Oborney** agrees. **Councilman Revard** says that can do it without us so he does not know they need our



Osage Minerals Council
Special Meeting
December 8, 2022
Pawhuska, Oklahoma

Page 3 of 7

permission and he is puzzled why they are here. **Jennifer Raney** says the reason that we entered into this partnership there is an enormous data set and a valuable body of knowledge that can be utilized in the collaboration. It supports the research and strengthens and it bolsters the whole community in sharing this volume in a way that is useful to each partner. Councilman Revard says he is not familiar with this partnership and as far as he knows, we do not have a partnership with you or anyone else. **Jennifer Raney** clarifies that there was a letter of engagement when the collaboration was entered into with the DOE it was merely offering services and no dollars were exchanged. **Councilman Revard** interrupts and says he would want to see what they were talking about because this council or the one before has been provided. **Jennifer Raney** says when Stephan and the others come down in person they would be happy to provide a brief overview into the project. **Councilman Redcorn** says his question is whenever they want to drill and they know what township range and section come back and ask for a yes or no. Councilman Shackelford says he is very interested in knowing what information they come up with. **William Lynn** says the OMC was provided with an email, and this started in 2019 with the production and development committee. They were asking for Osage participation in this. He worked directly under Lacey and the chairman at the time if it was okay for him to work with the United States and the geological survey looking for critical minerals. Now the DOE is asking that they drill a well here and they are asking for a letter of no objection from the minerals council. A map and cross-section have been provided. **Chairman Waller** says he would like to have Warrior to give us a few moments. **Robert Knappe** says that the application they are making is different in terms of they are not looking for any development or minerals. This came up at the last summit. TU was invited to make a presentation with capturing methane emissions that are associated with low volume producing wells. They were working to use that gas for other purposes. They have been working with TU and their application is for that purpose. They have invested \$1 million dollars in building and installing these systems over 25 wells. They would like to collaborate with TU to do the research and find the efficiency of the pump. They are submitting an application for funding to help fund this research. HE thinks it will have tremendous value to producers in Osage County. Therefore, they are asking for a letter of support that they can provide it with their application because it is important that it benefit tribal nations, tribal properties or indigenous people. He states that he would be happy to work with KU to provide a location. **Lanayah Turley** announces IT is outside to fix technological issues. **Chairman Waller** announces short break. **Time: 10:45 a.m.**



Osage Minerals Council
Special Meeting
December 8, 2022
Pawhuska, Oklahoma

Page 4 of 7

Resume session Time: 11:19 a.m.

Chairman Waller announces that KU will be here on the 19th and will clarify any questions. He will entertain a motion concerning Warrior's collaboration with the National Science Foundation.

Motion: Direct chair to send a letter on behalf of the Osage Minerals Council in support of the National Science Foundation with collaboration with Warrior Production.

Motion by: Councilman Bighorse

Councilmember Bighorse – Y

Councilmember Currey – Y

Councilmember Red Eagle – Y

Councilmember Shackelford – Y

Motion: **Passed** YES: 7 NO: 0

Second by: Councilman Cheshewalla

Second Chair Cheshewalla - Y

Councilman Redcorn - Y

Councilmember Revard –A

Chairman Waller - Y

ABSTAIN: 1 ABSENT: 0

***Councilman Revard is present via zoom, unable to hear votes due to technical difficulties.**

Motion: Table 4a until December 19, 2022.

Motion by: Councilman Shackelford

Councilmember Bighorse – Y

Councilmember Currey – Y

Councilmember Red Eagle – Y

Councilmember Shackelford – Y

Motion: **Passed** YES: 7 NO: 0

Second by: Councilman Bighorse

Second Chair Cheshewalla - Y

Councilman Redcorn - Y

Councilmember Revard –A

Chairman Waller - Y

ABSTAIN: 1 ABSENT: 0

b. Letter of Support for placing the ON ranch in trust status – Melissa Currey Councilwoman Currey requests on behalf of Osage Nation realty to have a letter of support for the Osage Nation ranch. It is not required; it will just strengthen the application. **Second Chair Cheshewalla** states the one thing they have a problem with is the one sentence. "Neither the development or production of the Osage Minerals Estate will interfere with the intended use of this parcel." **Councilwoman Currey** agrees that she can do without that sentence.

Motion: Approve a letter of support for Osage Nation is in the application process of placing the Osage Nation Ranch Parcel in to trust status.



Osage Minerals Council
Special Meeting
December 8, 2022
Pawhuska, Oklahoma

Page 5 of 7

Motion by: Councilman Cheshewalla

Councilmember Bighorse – Y
Councilmember Currey – Y
Councilmember Red Eagle – Y
Councilmember Shackelford – Y

Motion: **Passed** YES: 7 NO: 0

Second by: Chairman Waller

Second Chair Cheshewalla - Y
Councilman Redcorn - Y
Councilmember Revard –A
Chairman Waller - Y

ABSTAIN: 1 ABSENT: 0

Motion: Approve a letter of support for the Osage Nation Ranch to trust status, with the sentence stricken from the draft resolution.

Motion by: Councilman Cheshewalla

Councilmember Bighorse – Y
Councilmember Currey – Y
Councilmember Red Eagle – Y
Councilmember Shackelford – Y

Motion: **Passed** YES: 7 NO: 0

Second by: Chairman Waller

Second Chair Cheshewalla - Y
Councilman Redcorn - Y
Councilmember Revard –A
Chairman Waller - Y

ABSTAIN: 1 ABSENT: 0

Motion: To enter executive

Time: 11:32 a.m.

Motion by: Councilman Shackelford

Councilmember Bighorse – Y
Councilmember Currey – Y
Councilmember Red Eagle – Y
Councilmember Shackelford – Y

Motion: **Passed** YES: 7 NO: 0

Second by: 2nd Chair Cheshewalla

Second Chair Cheshewalla - Y
Councilman Redcorn - Y
Councilmember Revard –A
Chairman Waller - Y

ABSTAIN: 1 ABSENT: 0

5. Executive

a. Headright resolution – Myron Red Eagle

Motion: To exit executive

Time: 11:59 a.m.

Motion by: 2nd Chair Cheshewalla

Councilmember Bighorse – Y
Councilmember Currey – Y
Councilmember Red Eagle – Y
Councilmember Shackelford – Y

Motion: **Passed** YES: 7 NO: 0

Second by: Councilman Shackelford

Second Chair Cheshewalla - Y
Councilman Redcorn - Y
Councilmember Revard –A
Chairman Waller - Y

ABSTAIN: 1 ABSENT: 0



Osage Minerals Council
Special Meeting
December 8, 2022
Pawhuska, Oklahoma

Page 6 of 7

Motion: Write a letter to the eastern Oklahoma BIA Eddie Streater asking for a verification of account 930N007753 and what headrights that feed into it.

Motion by: Councilman Red Eagle

Councilmember Bighorse – Y

Councilmember Currey – Y

Councilmember Red Eagle – Y

Councilmember Shackelford – Y

Motion: **Passed** YES: 7 NO: 0

Second by: Councilman Bighorse

Second Chair Cheshewalla - Y

Councilman Redcorn - Y

Councilmember Revard –A

Chairman Waller - Y

ABSTAIN: 1 ABSENT: 0

Motion: Rollie Wilson to verify for a legal opinion on the return of the headrights in the account 930N007753.

Motion by: Councilman Red Eagle

Councilmember Bighorse – Y

Councilmember Currey – Y

Councilmember Red Eagle – Y

Councilmember Shackelford – Y

Motion: **Passed** YES: 7 NO: 0

Second by: Councilman Shackelford

Second Chair Cheshewalla - Y

Councilman Redcorn - Y

Councilmember Revard –A

Chairman Waller - Y

ABSTAIN: 1 ABSENT: 0

6. Old Business

a. Phillips 66 pipeline

Chairman Waller announces he has asked for an inventory and he would like to get the information back and discuss this on December 21, 2022.

b. Biannual Meeting date

Chairman Waller informs the council that we are now looking at the end of January because the dates we originally sent are now unavailable.

Motion: Target January 19, 20, or 23 for biannual meeting.

Motion by: Councilman Red Eagle

Councilmember Bighorse – Y

Councilmember Currey – Y

Councilmember Red Eagle – Y

Councilmember Shackelford – Y

Motion: **Passed** YES: 7 NO: 0

Second by: 2nd Chair Cheshewalla

Second Chair Cheshewalla - Y

Councilman Redcorn - Y

Councilmember Revard –A

Chairman Waller - Y

ABSTAIN: 1 ABSENT: 0

c. Committees discussion – Kenny Bighorse



Osage Minerals Council
Special Meeting
December 8, 2022
Pawhuska, Oklahoma

Page 7 of 7

Councilman Bighorse states he would like to see the committee put in place early next year. **Chairman Waller** says that the council needs to sign up for committees.

7. Meeting minutes

Motion: Approve Oct 7, Oct 19, Nov 4 and Nov 16 meeting minutes.

Motion by: Councilman Redcorn

Councilmember Bighorse – Y

Councilmember Currey – Y

Councilmember Red Eagle – Y

Councilmember Shackelford – Y

Motion: **Passed** YES: 7 NO: 0

Second by: Councilman Shackelford

Second Chair Cheshe-walla - Y

Councilman Redcorn - Y

Councilmember Revard –A

Chairman Waller - Y

ABSTAIN: 1 ABSENT: 0

8. Adjournment

Motion: Adjourn

Motion by: Councilman Shackelford

Councilmember Bighorse – Y

Councilmember Currey – Y

Councilmember Red Eagle – Y

Councilmember Shackelford – Y

Motion: **Passed** YES: 7 NO: 0

Time: 12:12 p.m.

Second by: Councilman Bighorse

Second Chair Cheshe-walla - Y

Councilman Redcorn - A

Councilmember Revard –Y

Chairman Waller - Y

ABSTAIN: 1 ABSENT: 0

**Councilman Revard was unable to vote due to technical difficulties. His vote on all motions was made to the executive administrative assistant. They were all affirmative.

Approved by the Fifth Osage Minerals Council on January 18, 2023.

A blue ink signature of Everett Waller, written in a cursive style.

Everett Waller, Chairman

A blue ink signature of Lacey Reynolds, written in a cursive style.

Chief of Staff: Lacey Reynolds