

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25

OSAGE COUNTY OIL AND GAS  
PUBLIC SCOPING MEETING

TAKEN ON APRIL 28, 2016  
BEGINNING AT 3:12 P.M.  
IN PAWHUSKA, OKLAHOMA

REPORTED BY: MARY K. BECKHAM, CSR RPR

1 MS. HALE: Good evening. Welcome. My  
2 name is Jeannine Hale. I'm from the Muskogee office  
3 of the Bureau of Indian Affairs, the Eastern  
4 Oklahoma Regional Office. I work in the  
5 Environmental Division. We're happy to have you  
6 here tonight for a public scoping meeting. I'm  
7 going to tell you in a minute what that is. It  
8 looks like we have a pretty good crowd and a lot of  
9 folks I recognize, so it's good to see you again and  
10 have continued participation in our development of  
11 an environmental impact statement for the oil and  
12 gas program at the Osage Agency.

13 We have a number of staff here from both  
14 the Osage Agency and our Eastern Oklahoma Regional  
15 Office and our Solicitor's Office, and we have our  
16 regional director, Eddie Streeter. We have  
17 solicitors; Kristen -- I'm sorry.

18 MS. KOKINOS: Kokinos.

19 MS. HALE: She was supposed to give me a  
20 cheat sheet and she didn't, and Chuck Babst, and we  
21 have Richard Winlock, the deputy superintendent for  
22 Osage Agency. Ben Daniels, who is in the  
23 Environmental Department at the Osage Agency. Up  
24 here we've got Molly McCarter, who is with our  
25 contractor EMPSI, and Steven Simpson, who is our

1 NEPA solicitor expert, and the only people that  
2 wanted to come up here and sit with me. These are  
3 the brave people. And then we have Michael Miley  
4 and Shelby back here. They are trying to blend in  
5 and pretend like they are really not with us.

6 So tonight we do have a court reporter,  
7 Mary, and she's going to be taking notes, especially  
8 when we get to the part about comments, and like I  
9 said, we had a sign-up sheet. You know, at any  
10 point in time you can sign up. If you forget to  
11 sign up and you all of a sudden think of something,  
12 you want to speak, you can raise your hand. We're  
13 going to ask that you come up here and speak here at  
14 the podium with the microphone, and she will be able  
15 to hear and see you better and get down what you are  
16 saying, because we want to capture all of that.  
17 After this is all over with, we will have a  
18 transcript prepared and after we review that, that  
19 will be posted on our website, and we have some  
20 other Osage oil and gas environmental impact  
21 statement documents on that same website, so that's  
22 where that transcript will be. The documents that  
23 we're handing out tonight, most of those things will  
24 be on the website.

25 So I want to get started. Is there

1 anything that I've forgotten that anybody wants to  
2 remind me of before I start the Power Point and  
3 start whizzing through it?

4 OBSERVER: Where's Robin?

5 MS. HALE: I'm sorry?

6 OBSERVER: Where's Robin?

7 MS. HALE: I'm sorry, Robin Phillips, the  
8 superintendent, she wasn't able to be here today and  
9 she sends her apologies but she's got Richard  
10 Winlock, who is the deputy superintendent standing  
11 in for her, so I think we have a full staffing in  
12 case there's a question that comes up. We're really  
13 not going to be in the back and forth answering  
14 questions so much tonight because we mostly want to  
15 get your input, but it's going to be important that  
16 you understand what we're doing. So, of course, if  
17 you ask me a question about what we're doing, you  
18 don't understand, we're going to try to make sure  
19 you do understand before you leave.

20 So let me get out of the way and come  
21 around here, and I apologize if you have to see my  
22 back. I have a really brief presentation. I'm  
23 going to make it be brief. It's pretty brief now.  
24 There we go. I'm sorry if some of it isn't very  
25 visible.

1 (PowerPoint Presentation given by Jeannine  
2 Hale not included in the transcript.)

3 MS. HALE: Now we will --

4 OBSERVER: A question before you start  
5 that. Just briefly what's in the negotiated rule  
6 making as opposed to what's in the EIS?

7 MS. HALE: Okay. Well, the rules, the  
8 rules are based on our law and there's a whole  
9 rule-making process under the Administrative  
10 Procedures Act that every agency has to go through  
11 to write down requirements and rules and get them  
12 approved. So it's a whole separate thing where in  
13 the case of the negotiated rule making, I anticipate  
14 in that that there was actually a committee that was  
15 set up and had different representatives and that  
16 sort of thing.

17 We don't have any committees. We're not  
18 setting up rules. These are not requirements that  
19 are going to be set in the Code of Federal  
20 Regulations or anything. This is just to identify  
21 what different scenarios might look like moving  
22 forward with the oil and gas program, how things are  
23 going to be developed, to look at the environmental  
24 consequences of those things. So, for example, one  
25 of the things we might look at is like a high

1 development scenario where the whole county is just  
2 a flurry with activity, which is what we really  
3 want, and what might be the environmental  
4 consequences we can predict from that because there  
5 might be more waste water injection, there might be  
6 more pits dug, there might be more acres disturbed,  
7 so you look at that and you try to describe the  
8 environmental consequences. So it's all geared  
9 toward environmental consequences as opposed to the  
10 regulations.

11 OBSERVER: Okay. One of your slides had,  
12 these are all of the areas that we're going to look  
13 at, it had the three columns of things, who sets  
14 that? Is that already set in stone?

15 MS. HALE: No, those were examples --

16 OBSERVER: Okay.

17 MS. HALE: -- to kind of trigger --

18 OBSERVER: So you --

19 MS. HALE: I'm sorry I didn't read them.

20 They are just examples, but they are common  
21 examples. The reason they are there is because  
22 we -- most agencies have guidance and have prepared  
23 a number of these EISs before, and there's some  
24 fairly common sections that are included in almost  
25 every EIS that you look at and they are almost all

1 going to look at wildlife, for example, and the  
2 impacts to endangered species, for example, impacts  
3 to water, and those were just meant to give you some  
4 examples of the things we would be looking at, but  
5 it's not necessarily all inclusive, so there may be  
6 some things that we need to look at or discuss that  
7 aren't on that list.

8 OBSERVER: Or vice versa?

9 MS. HALE: Or vice versa.

10 OBSERVER: Okay.

11 MS. HALE: So you can say take this thing  
12 off, we don't want to hear about that anymore. I  
13 think last time I heard something about prairie  
14 chickens and they weren't even good to eat, so you  
15 might have some really legitimate concerns that you  
16 think weren't addressed in the last version.

17 So, Molly, do we have a sign-in sheet  
18 already? I know that I saw some elected officials  
19 in the room. Is Chief Standing Bear here? No?  
20 Okay.

21 Chairman Waller, are you still here?  
22 You're right here, right here in front of me.

23 MR. WALLER: Yes.

24 MS. HALE: Would you like to make a  
25 statement first?

1                   MR. WALLER: I'd like to go right into the  
2     comments.

3                   MS. HALE: All right.

4                   MR. WALLER: If that would be all right.

5                   MS. HALE: We would like for you to be the  
6     first.

7                   MR. WALLER: Thank you very much. I'm  
8     Chairman Everett Waller, Osage Minerals Council.  
9     I'd like to add this to the public record on behalf  
10    of my shareholders. The initial draft of the EIS  
11    was fatally flawed due to its failure to comply with  
12    the 1906 Act, its treatment of the Osage Minerals  
13    Estate and Osage County as public lands and the  
14    BIA's failure to comply with tribal consultation  
15    requirements and its tribal trust responsibility.  
16    The new draft EIS must therefore be a new NEPA  
17    document pursuant to a new NEPA process rather than  
18    a reworking of the initial draft EIS. The BIA must  
19    develop a preferred alternative based on the 1906  
20    Act and the requirements it imposes on the Secretary  
21    of the Interior. The 1906 Act, as amended, provides  
22    that regulations governing Osage lands and leases of  
23    the Osage Minerals Estate must result in the highest  
24    percentage of ultimate recovery of both oil and gas.  
25    This means that the preferred alternative must



1 encompass provisions that will maximize the  
2 extraction of minerals from the Osage Minerals  
3 Estate for the benefit of the Osage Head Right  
4 Holders as the only beneficiaries of the Osage  
5 Minerals Estate.

6           The preferred alternative must reflect the  
7 fact that these are Indian lands, not public lands.  
8 The BIA or its third party contractor cannot  
9 approach the EIS and the preferred alternatives the  
10 same way it would for public lands. It's approach  
11 much incorporate the BIA's federal trust  
12 responsibility and the 1906 Act, neither of which  
13 applies to public lands and neither of which were  
14 accounted for in a previous draft EIS. Indian lands  
15 are to be managed according to very different  
16 standards from public lands, and attempting to  
17 manage Indian lands according to the public interest  
18 standards violates the trust standards established  
19 for the management of these Indian lands. The BIA  
20 cannot treat the EIS as if these were public lands  
21 and prioritize the interests of surface owners over  
22 those of the Tribe, as it did in the previous draft.

23           The preferred alternative must address  
24 mitigation measures that can be taken to streamline  
25 the permitting process and minimize the need for

1 impacts to be addressed on a site-specific basis.  
2 This is going to be key in complying with the 1906  
3 Act.

4           The BIA must engage the Osage Minerals  
5 Council in a government-to-government consultation  
6 throughout the NEPA process. Through Executive  
7 Order 13175, President Clinton mandated that federal  
8 agencies engage in meaningful consultation with  
9 Indian tribes when taking actions that will directly  
10 affect an Indian tribe. President Obama bolstered  
11 this Executive Order through Presidential Memorandum  
12 in 2009 declaring that his administration is  
13 committed to regular and meaningful consultation and  
14 collaboration with tribal officials. Section 2.3 of  
15 the BIA NEPA Guidelines states that tribal  
16 governments and their delegated tribal programs  
17 should not only be consulted but should be partners  
18 with the BIA in the NEPA process. The Department of  
19 Interior Manual states that it is the policy of the  
20 Department of Interior to carry out its trust  
21 relationship with federally recognized Indian tribes  
22 and to consult with the tribes on a  
23 government-to-government basis whenever Department  
24 of Interior plans or actions have tribal  
25 implications.

1                   To date the BIA has fallen short of its  
2                   consultation requirements. The Osage Minerals  
3                   Council is requesting in writing that this meeting  
4                   be postponed in order to initiate consultation prior  
5                   to public meetings, but the request was denied. I  
6                   am now restricted to a two-minute window to share  
7                   the concerns and interests of the Osage Minerals  
8                   Council like any other citizen. This is not a  
9                   government-to-government consultation. The BIA  
10                  should have met with the Osage Minerals Council  
11                  regarding scoping before meeting with the public.  
12                  Despite this failure, the OMC intends to enter into  
13                  an MOU with the Bureau of Indian Affairs as a  
14                  cooperating agency with respect to this NEPA process  
15                  and the policies and procedures adopted by the  
16                  Department and agencies to implement NEPA. Through  
17                  this agreement and as a matter of law, the Osage  
18                  Minerals Council expects the BIA to fulfill its  
19                  trust responsibilities, obligations and its  
20                  fiduciary role throughout the course of the NEPA  
21                  process.

22                   I'd like to introduce the rest of my  
23                   council, if you would please stand. Council. I'm  
24                   done. I want to thank everyone for this time and  
25                   opportunity.

1                   In closing, I just have one item. We got  
2 through the Civil War. In 1870 they drove us  
3 through a gate up here. We had 2229 people left,  
4 families. In 1883 we had to buy our reservation.  
5 Every abstract states that in your first paragraph.  
6 I represent those people. That's my great, great  
7 grandmother over here. I'm here for them. I'm here  
8 for my Osages, and I'm definitely here for my  
9 children and their grandchildren.

10                   With that, I want to thank my council. I  
11 want to thank you for your time and I'm going to  
12 leave this with you.

13                   MS. HALE: Thank you, Chairman, so much  
14 for those words, and we will place these comments  
15 into the record of this proceeding. Then we are  
16 going to continue with our public comment. The  
17 first person listed Nona Roach.

18                   MS. ROACH: I have one question before you  
19 start. When does the EIS kick in after the EA has  
20 been done, because that's real confusing to me and I  
21 don't understand at what point that we would even  
22 require an EIS.

23                   MS. HALE: Well, if an Environmental  
24 Assessment is prepared and you are not able to make  
25 a finding of no significant impact, then an

1 Environmental Impact Statement is required. An EA  
2 is not required to be prepared before you go ahead  
3 and do the EIS. Is that your question?

4 MS. ROACH: That's my question, because I  
5 thought the EA had to be done before the EIS, before  
6 it ever kicked in for the EIS, and you are telling  
7 me that's not --

8 MS. HALE: I turn to my esteemed  
9 solicitors, but our advice has been that we are not  
10 required to do the EA first.

11 MR. SIMPSON: That is correct. There are  
12 two ways that this could happen. One is under NEPA  
13 you can do an Environmental Assessment and, as  
14 Jeannine pointed out, and come to either a finding  
15 of no significant impact or determine that you need  
16 to do an EIS; okay? Or the agency can skip that  
17 step and just start an EIS on its own. It can do  
18 that if it believes that there may be significant --  
19 that there are significant impacts on the quality of  
20 human environment from that action, or it can do  
21 that in the spirit of NEPA, because an EIS is a more  
22 detailed process and a much more useful kind of a  
23 document than an EA is. So it can do it on its own,  
24 even if there isn't a proposal for it, just because  
25 it needs to be done, and that's basically what this

1 one is.

2 MS. HALE: Do you want to come up?

3 MS. ROACH: What triggers that is, I  
4 guess, what I'm trying to figure out. On an EA,  
5 what would be a trigger to cause you to have an EIS  
6 if you went through that process.

7 MR. SIMPSON: The possibility of  
8 significant impacts.

9 MS. ROACH: As it impacts what?

10 MR. SIMPSON: An impact on the -- well,  
11 the way the statute reads, on the quality of the  
12 human environment. If you have -- if the agency  
13 sees that a particular action may have a significant  
14 impact on air, water quality, whatever, whatever  
15 environmental parameter it is, then the -- then it  
16 has to go -- it has to go from the environmental  
17 assessment to an environmental impact statement to  
18 assess those significant impacts.

19 MS. ROACH: So say if you are going to be  
20 close to the lake or something, would that be  
21 something that's triggering that for you.

22 MR. SIMPSON: It depends what you are  
23 doing close to the lake.

24 MS. ROACH: Drilling a well.

25 MR. SIMPSON: Could be. It depends. A

1 lot of it depends on the action itself and the  
2 actual location of it and what the action is and the  
3 environment around there. It's hard to -- that's  
4 why the determination of significance is a very  
5 subjective kind of squishy thing.

6 MS. ROACH: And the squishy determining  
7 person is who?

8 MR. SIMPSON: The Bureau, the federal  
9 agency.

10 MS. ROACH: Like the superintendent or  
11 higher up?

12 MR. SIMPSON: In this case the regional  
13 director.

14 MS. ROACH: Okay. I'm sure you all  
15 understood every bit of that, right? Okay. My  
16 concern is this: If you are going to be doing an  
17 environmental impact statement study, whatever, did  
18 you also do an economic impact study to see how  
19 that's going to affect this county, because  
20 obviously everything that's been happening all this  
21 time has had a huge impact on our economy here, but  
22 I've never seen one, so I was just wondering if that  
23 was going to be built into the process somehow or  
24 that's just not part of the requirements or  
25 whatever. So that's a concern to me because the

1 economic part of it seems to me to be the first  
2 thing that you would want to do, so I'm concerned  
3 about that.

4 As a landowner and just because I live  
5 here I'm concerned about -- I know what it's been  
6 like so far for having the BIA to come in if there's  
7 a problem, so if you are going to add -- and I know  
8 we can ignore the draft EIS and you're throwing it  
9 out, right? So everything that was in that old one  
10 is gone, is that -- is that what you guys were  
11 telling us while ago?

12 MS. HALE: We're going to prepare a new  
13 EIS. There may be provisions in the old one that we  
14 may want to use, that's not been determined yet.  
15 We're going to sit down with our cooperating  
16 agencies, hopefully the Minerals Council will be one  
17 of those, look at the chapters, are there things  
18 that we can still use because they haven't changed  
19 or they are still -- or they are right, and that  
20 could be the description of geology, which those  
21 rocks have not changed. Yeah.

22 MS. ROACH: They are still rocks and the  
23 bugs are still bugs. Okay. My concern on that,  
24 right now we can't get the BIA to come out and do  
25 anything as a landowner. We can't get anything done



1 as far as remediating our soil, coming out there if  
2 there's an issue or a problem. So if you are going  
3 to add, like the last one had, every little  
4 nitpicking thing you could find, how are you ever  
5 going to have enough staff to take care of that  
6 problem? Because it's not happening now and if you  
7 start adding a whole lot more regulations and  
8 everything on top of that, I can't see you ever  
9 keeping up or seeing daylight or taking care of the  
10 problems with a 1,444,000 acres. So that's one of  
11 my concerns as a landowner.

12 But this is -- I'm asking, too, is this  
13 going to be just Osage only? We're not going to  
14 have the stuff that was on the Red River and all  
15 that stuff, it's going to be right here?

16 MS. HALE: Osage only.

17 MS. ROACH: That's great. That's all I  
18 wanted to say.

19 MS. HALE: Thank you. I forgot to mention  
20 that Eric, in the back, has like a yellow and a red  
21 one-minute stop sheet, but I don't think we've  
22 needed it so far.

23 MS. ROACH: I didn't see it.

24 MS. HALE: Even Nona didn't get one. The  
25 next person might get one. I don't know. Bob

1 Jackman.

2 MR. JACKMAN: I'm going to switch.

3 MS. HALE: Okay.

4 MS. FORMAN: With me.

5 MR. JACKMAN: Susan Forman first.

6 MS. HALE: Yeah. Susan Forman. I've  
7 known Bob a long time. That's why.

8 MS. FORMAN: Take me a minute to set up,  
9 guys. Sorry about that. Got to get my eyes on.  
10 Okay. Can everybody hear me? I guess I'm turned  
11 on. You can hear me?

12 MS. HALE: I have that same issue.

13 MS. FORMAN: Is there anyone that can't  
14 hear me? Okay. My name is Susan Forman. I am a  
15 member of the Osage Nation and a Head Right owner.  
16 Most of you know my background, but those of you who  
17 don't, I'm retired after 33 years of a career  
18 specializing in natural gas marketing, gathering,  
19 processing and transmission on the  
20 exploration/production side of the industry, so I  
21 know a little bit about the value of the product  
22 that we produce in Osage County. As a Head Right  
23 owner negatively impacted by all BIA decisions and  
24 directives since the settlement of the HPP lawsuit,  
25 I believe it is necessary once again to show up and

1 defend the right of the Minerals Estate to be  
2 developed and operated and consistently producing  
3 for the benefit of the very people the BIA is  
4 responsible for supporting.

5           Let's remind all here the BIA mission  
6 statement, and I quote, "The Bureau of Indian  
7 Affairs' mission is to enhance the quality of life,  
8 to promote economic opportunity, and to carry out  
9 the responsibility to protect and improve the trust  
10 assets of American Indians, Indian tribes and Alaska  
11 natives." That's straight off the website.

12           One of the two topics in the April 2016  
13 federal registry note as for which comments were  
14 specifically requested was for information regarding  
15 the level of oil and gas development in Osage  
16 County. I can't tell you anything going forward,  
17 but I can sure tell you something about what's  
18 happened since the HPP lawsuit in 2011. What I'm  
19 about to tell you is the bare minimum, extremely  
20 conservative economic impact -- and let me interject  
21 here that on your impact list, you did not have  
22 economic impact. You had socioeconomic impact,  
23 which is related but it's not the same thing. I'm  
24 shocked that it wasn't on that list. It should have  
25 been on the top of that list and here's why: From

1 2008 through 2012 an average of 225 wells per year  
2 were drilled in Osage County, sixteen of which, on  
3 average, were horizontal wells. Starting in 2011,  
4 that number dropped by 32 percent. In 2012 drilling  
5 dropped another 14 percent and in 2013 drilling  
6 dropped 45 percent, and I'm just talking about  
7 number of wells drilled and completed. By July 2014  
8 it dropped another 32 percent. During the  
9 September 2014 Osage Oil & Gas Summit it was  
10 revealed that permitting and drilling had dropped to  
11 zero. No wells were being drilled at all, no  
12 permits were being approved.

13 I put a pencil to the lost investment  
14 opportunity since July 2014, although a study needs  
15 to be done back to 2011 because we've been  
16 precipitously dropping ever since then. This is the  
17 barest minimum case, it does not include the value  
18 of natural gas and its components or production from  
19 horizontal wells, so we're just talking vertical  
20 wells here, a very conservative look -- look back at  
21 what it's cost the Osage Minerals Estate. In Mike  
22 Black's own words when he presented in a public  
23 forum, and I quote, "On average every year 200  
24 vertical wells are drilled and completed per year in  
25 Osage County at an average cost of \$250,000." I

1 think that's pretty conservative, too. That's  
2 \$50 million missed investment annually since  
3 July 2014. Considering only vertical wells with a  
4 very conservative initial production of 15 barrels  
5 per day and first annual production of 5,000 barrels  
6 cumulative for first year, this is one million new  
7 barrels of oil that were not drilled for and  
8 produced. Multiply those barrels by the monthly  
9 price of Oklahoma sweet crude, which you can find on  
10 Coffeyville Resources website, and the minimum loss  
11 from July 2014 through March 2016 is a staggering  
12 \$94 million. Lost royalty, \$19 million. This,  
13 again, is a very conservative look back. It doesn't  
14 include horizontal wells, which produce -- have the  
15 capability of producing 50 times more barrels than a  
16 vertical well and it doesn't also include the value  
17 of natural gas.

18 So the first thing this economic impact  
19 statement needs to do is get professionals and go  
20 back and look at the impact your actions are  
21 causing. Keep in mind this is -- I already said  
22 that part. I have no doubt that if we looked all  
23 the way back to 2011 and added natural gas and  
24 horizontal production, these figures would double or  
25 triple easily.

1                   Because of the overreaching regulations,  
2           successful -- successful producers like Devon and  
3           Encana, among many others, have made a beeline right  
4           out of Osage County. The Donelson lawsuit that  
5           caused a ruinous BIA decision since June of 2014 has  
6           been dismissed. The 1979 EA is still valid. The  
7           joint Oklahoma, Kansas and Texas EIS Resource  
8           Management Plan did not stop wells from being  
9           drilled or stop routine operations to keep  
10          production increasing at a steady pace. Before the  
11          BIA proceeds another step, operations must return to  
12          normal. Mr. Babst.

13                   MR. BABST: You could not be more wrong.  
14          You could not be more wrong. I just have to say  
15          that. Thank you.

16                   OBSERVER: Tell us why.

17                   MS. FORMAN: I would like to finish --

18                   MR. BABST: I'll be happy to.

19                   MS. FORMAN: -- because --

20                   MR. BABST: It's called the Hayes lawsuit.

21                   MS. FORMAN: I have the floor. Thank you.  
22          I have the floor. Thank you.

23                   OBSERVER: Let her finish.

24                   MS. FORMAN: All resources must be focused  
25          on approving permitting in Osage without the

1 ridiculous 8 page conditions of other requirements  
2 added on. The superintendent -- and I might add  
3 this isn't the first time she hasn't showed up, you  
4 know, it's -- how long have we known about this  
5 meeting? She knows every month that she has a  
6 meeting she has to go to. She's showing up now  
7 because her boss found out she wasn't showing up,  
8 but it's unacceptable for her not to be here today.  
9 She's known about this. She had plenty of time to  
10 fit it into her busy schedule.

11 MS. HALE: Susan, this is my meeting --

12 MS. FORMAN: The superintendent has  
13 reported that hundreds of permits have been approved  
14 but we all know that no work is getting accomplished  
15 due to the continued uncertainty and confusion  
16 caused by these conditions. Under no circumstances  
17 should any acreage in Osage County be excluded from  
18 development of its minerals. The ABB is going to be  
19 delisted. The number of Osage County -- that's the  
20 American burying beetle -- pardon me, the number of  
21 Osage County acres negatively impacted by the oil  
22 and gas industry in 2015 is actually less than the  
23 acres impacted in 1979, which is why it boggles the  
24 mind that the BIA is wanting to precede with this  
25 ill-conceived EIS, especially in light of the

1 Donelson lawsuit discussion.

2           The BIA is in direct violation of  
3 Secretarial Order 3206, enclosed, American Indian  
4 Tribal Rights Federal Tribal Trust Responsibilities  
5 and the Endangered Species Act because the Minerals  
6 Estate and the oil and gas industry that develops it  
7 are impairing a disproportionate burden for the  
8 conservation of enlisted species. There is no  
9 comparison between the rig count production numbers  
10 and economic devastation in Osage County to other  
11 Oklahoma counties.

12           The federal program for wild horse  
13 pastures is a cakewalk compared to what you have put  
14 the most economically valuable industry which  
15 enriches many hundreds of more incomes and  
16 households. The oil and gas industry, of course,  
17 the wind, which is the oil and gas industry, the  
18 wind farms got special passes, too. The Pawhuska  
19 BIA got \$2 million more to clean up their act after  
20 the settlement. They have lost key personnel in  
21 accounting, permitting, leasing and other areas.  
22 The plats are not updated. They are not properly  
23 including contracts, leases, assignments, drilling  
24 and work-over programs -- permits. Backlogs and  
25 mountains of paperwork have caused great



1 inefficiencies but has not been replaced. And yet  
2 you think you can implement an EIS causing more work  
3 and creating new regulation and laws that you don't  
4 have the staff to enforce?

5 I repeat what I said at the last EIS  
6 meeting: As an Osage Head Right owner I reject this  
7 environmental impact statement for the Minerals  
8 Estate. It is not necessary and absolutely the  
9 wrong path to take. Please get back to your  
10 mission, which I will remind you is to enhance the  
11 quality of life, to promote economic opportunity and  
12 to carry out the responsibility to protect and  
13 improve the trust assets of American Indians, Indian  
14 tribes and Alaska natives. Thank you.

15 MS. HALE: Thank you very much. Bob, are  
16 you going to go next?

17 MR. JACKMAN: Sure.

18 MS. HALE: Okay. Bob Jackman.

19 MR. JACKMAN: Thank you, Jeannine. Thank  
20 you, ladies and gentlemen, for being here. Susan  
21 Forman, what she said I second. I have worked with  
22 her on her compiling the notes of the investment  
23 lost here and the royalty money lost to the Tribe  
24 and also the opportunity lost to the oil and gas  
25 operators who are here. I am a certified oil and

1 gas petroleum geologist who testified and is  
2 certified and testified in state and federal court.  
3 So much of what she said I back up -- well, all of  
4 what she said I am backing up. There is a built-in  
5 conflict in this whole process. It is in conflict  
6 with your very mission statement. Your mission  
7 statement is to promote oil and gas production in a  
8 manner that is efficient. You're not doing this.  
9 You have shut it down. To promote means to sell, to  
10 get other people to join you.

11 Many of us in this industry have -- and  
12 I've been in it for 40 years and I've done  
13 everything from ran my own dozer to running my own  
14 pipe, set my own wells, settled surface damages, we  
15 know we rely on, lots of times, other people's  
16 money. That's called promoting. You can't promote  
17 anyone to come in to Osage County because of the  
18 total failure of the BIA to follow its mission  
19 statement, it's simple.

20 When you look at your record, you don't --  
21 I marked a sheet here of your mission statement and  
22 you get Fs on a number of things. We can't promote  
23 here. We ran off -- you have ran off some of the  
24 biggest, best and richest oil companies, also you  
25 are straining the patience and the pocketbooks of

1 many of the oil and gas operators sitting in this  
2 room by your continual obstruction as if you  
3 couldn't plan better how to shut down an industry in  
4 a county. As a trustee of a Minerals Estate,  
5 there's not one in the United States that gets such  
6 deep failing grades as the BIA, and we can prove  
7 this in court and, I look forward to saying this  
8 again in federal court.

9           Incidentally, a side note here, you bring  
10 in a court reporter, you've got four attorneys here,  
11 maybe five, did we agree to this? This is part of  
12 your heavy-handedness again. Is there an attorney  
13 out here representing all of us? No. So again,  
14 this gets into the heavy-handedness of the BIA.  
15 Maintaining -- you got an F on part of your mission  
16 statement of maintaining accurate records of all  
17 production and income received. Believe me, you  
18 don't know who has what lease and where the wells  
19 are. This is proven over daily, time and time  
20 again.

21           We have not talked about the gas royalty  
22 loss, but rough estimates are starting back 25 years  
23 ago to now there has probably been over -- I'll be  
24 glad to quote this and take it out, \$100 million of  
25 royalty lost to the Osage shareholders. You prove

1 me different, sir, and I will buy you another Coke.  
2 That's a challenge from me to you. You got an F in  
3 reviewing all incoming well records. The BIA  
4 doesn't keep well records. Any promoter -- and,  
5 yes, on occasion I'm a promoter -- the first thing,  
6 I'm a geologist. The first thing we've got to do is  
7 have quick, easy access to the well records. They  
8 are not proprietary. Nobody else shuts them down  
9 like the BIA does. There's people here from  
10 Oklahoma Geological Survey, they will tell you, the  
11 key to getting development and promoting your oil  
12 and gas resources is having open access to all oil  
13 and gas records. You don't have that. You have  
14 shut it down again. What I say, you couldn't plan a  
15 better attack to shut down the industry in this  
16 county.

17 In closing, I will say there's nothing  
18 here for the BIA to be proud of. There's nothing  
19 here to be proud about ruining incomes, families,  
20 livelihoods and ruining this county. The economy of  
21 this county has tanked. Yes, the oil and gas prices  
22 have gone down, but this county, get this clear,  
23 this county got hit with two barrels; one, oil and  
24 gas prices went down, and the other aspect was the  
25 total, gross, moronic mismanagement of the BIA.

1 Thank you very much, Major Jones.

2 Jeannine, you are just the messenger, so I  
3 don't want you to take this too personally. I want  
4 you to take this to the top management in the  
5 Muskogee office and Washington DC and let them know  
6 what I think, and I think I speak for a number of  
7 other people, you have totally screwed up. Thank  
8 you.

9 MS. HALE: Thank you, Bob. Before you  
10 finalize your comments, think about something  
11 constructive to say about moving forward and how to  
12 improve.

13 MR. JACKMAN: Well, clean up your act  
14 then.

15 OBSERVER: Get out of town.

16 MS. HALE: All right. The next person on  
17 our list is Travis Keener.

18 MR. KEENER: Thank you. Travis Keener  
19 with Hydration Engineering. I would like for our  
20 company to be considered a resident throughout the  
21 process. I think one of the main interests that we  
22 have would be to see the EIS talk about the cost of  
23 site-specific analysis compared to the cost of  
24 drilling a vertical well, since really what we're  
25 mostly talking about are vertical wells, not

1 horizontals. They're not the big, gigantic  
2 Pennsylvania horizontals that have 15 million  
3 gallons. When we frac a well here, if you ask Tri  
4 AM, who has done it for 40 years, it's going to be a  
5 500-barrel frac, and that's about half the size of a  
6 normal swimming pool, 21,000 gallons. We're not  
7 talking about gigantic frac jobs. So I would just  
8 like to see the EIS process be real, be specific.

9           You know, we've got lots of paragraphs  
10 about timber harvesting, we can remove and put in  
11 stuff that talks about specific costs for vertical  
12 wells, precise for site-specific analysis. We've  
13 done environmental assessments for three different  
14 types of companies; public, private and even a  
15 landowner who owned both the land and the oil lease,  
16 and really all the environmental assessments were  
17 the same, and from doing these, I think that the EIS  
18 could go ahead and talk about what steps are  
19 required from start to finish; Form 139s, the beetle  
20 survey. I think you guys are already working on us  
21 not having to wait 45 days for the Fish & Wildlife  
22 to respond to a negative beetle survey. We know  
23 where to have the beetles come. So that's really  
24 good. In doing some other things in parallel, like  
25 going ahead and working on the drill permit while

1 we're in the 30-day waiting period for the -- once  
2 the draft EIS -- I mean EA has been approved -- in  
3 this case once we have an EIS, we write an EA off of  
4 it, not waiting that full 30 days to go ahead and do  
5 the drill permit is a really good idea. Do some  
6 things in parallel.

7 I would love to see the EIS go ahead and  
8 take a stab at envisioning what the flow sheet is to  
9 accomplish this environment goal that you have and  
10 what can be done in parallel, because it would  
11 really speed the process up. It takes about five  
12 months to do one of these, and at the end of the  
13 day, from my perspective, the BMPs that get stapled  
14 to the drill permit are always the same, and we  
15 could have just stapled those on there in the very  
16 beginning.

17 I'm speaking as if we're going to have to  
18 live with this new life that we're looking at. Some  
19 of you guys may be able to convince them that we  
20 don't have to do this, but if we do, I'm saying  
21 there are things that we could improve and we could  
22 make a lot faster by just having everybody agree. I  
23 will live by these things that you are going to  
24 staple to my drill permit, and why go through all  
25 the other hoops?

1 I guess the other thing I don't see yet  
2 and I would like to see the EIS address it, I don't  
3 see how tiering off of an EIS is really going to  
4 save a lot. It still requires site-specific  
5 analysis. The only thing it's going to do is take  
6 about 70 or 80 pages of boiler plate information out  
7 of the 300-page document that we prepared and put it  
8 into the EIS, but there's still all the site  
9 specifics, so when we throw on the theory we'll be  
10 able to tier off of it, I really don't think that  
11 that means it will go faster and I don't think that  
12 it means that it will go cheaper unless there are  
13 some new process improvements done to the process,  
14 because that 70 pages of boiler plate, I mean, yeah,  
15 if I was typing it with an old typewriter on five  
16 carbon copies of onion skin paper every time, that  
17 would save me a lot of time, but that's just boiler  
18 plate and it can either be in the EIS or it can be  
19 in my document. It doesn't matter. So tiering, to  
20 me, doesn't seem to help a lot, and I guess the last  
21 thing -- that's it. That's all my comments. Thank  
22 you.

23 MS. HALE: Thank you so much. Paul  
24 Revard. Now he's going to do a dance.

25 MR. REVARD: No. I'm not going to sing,



1 either. Hi, my name is Paul Revard. I'm an Osage  
2 shareholder, a third generation Osage County  
3 Oklahoma producer on both my mother's side of the  
4 family and my father's side. I put my name on the  
5 list to comment because I thought there was going to  
6 be a presentation for us to comment about. We had  
7 already made our comments to the last draft EIS,  
8 which I thought was from what you say you've  
9 received substantial response. I thought maybe you  
10 were coming back to us with a new proposal, and that  
11 you would be addressing it and exposing it today for  
12 us to comment. That's why I put my name on the  
13 list, but since I had this opportunity, I think  
14 that, like Chairman Waller said previous and others  
15 have, too, the 1979 study we all feel like was  
16 sufficient, is still in place, and I would suggest  
17 that we just go back to that document and if there's  
18 issues that you all have line-by-line on the current  
19 1979 study, why don't we just go back line-by-line  
20 and see what needs to be updated.

21 There's mention of this new technology  
22 called fracking. You know, I'm 64 years old and  
23 they invented hydraulic fractured one year before I  
24 was born. Prior to that, back in the 80s they would  
25 basically frac wells using cores of nitroglycerin.

1 It was pretty successful. That had the same effect  
2 of making fractures, producing formations, so, you  
3 know, fracking is nothing new.

4 But anyway, if we would just go back to  
5 the 1979, which is still in place, and just go line  
6 by line of what needs to be updated, it doesn't have  
7 to be 300 pages long. So like a lot of us here in  
8 the room, producers and shareholders, we have been  
9 financially hit hard by all this regulation and not  
10 just the regulation, just the cloud that that -- we  
11 have that over us. Even if it's not in place yet,  
12 just the fear that it's coming has run out -- it's  
13 harmed our ability, like Bob Jackman said, for us to  
14 bring in outside money, OPM, Other People's Money,  
15 which a lot of us small independents, with several  
16 exceptions in the room, but guys like me and Bob,  
17 you know, we don't drill wells hands up with our own  
18 money. We have skin in the game, but we have to  
19 bring in, you know, outside financing.

20 There's no one that -- you know, that  
21 would come into the county now with new money. I  
22 don't know that I could in good conscious convince  
23 somebody to come in and drill a well here in the  
24 county, take their money, and, you know, I basically  
25 have done this. I brought in -- I won't say his

1 name, but somebody well established in Tulsa that  
2 was excited about the Indian Osage County, and we  
3 came in the last lease and bought a lease to drill  
4 on and its over a year-and-a-half old and, you know,  
5 we can't get a well permit. We don't even have our  
6 lease approved because the superintendent attached a  
7 decision to it which ties our hands to the point we  
8 can't even drill a well. I made my second appeal to  
9 that instrument, but, you know, it's embarrassing  
10 for me to have to see this gentleman occasionally  
11 and he bought this lease and, you know, we can't  
12 drill on it. So I'm not asking anybody to come into  
13 Osage County.

14 Travis made the comment about what we  
15 could live with and what we can't live with and this  
16 EIS, and I can't live with any of it. I won't be  
17 drilling anymore wells and I won't be completing  
18 anymore wells in the county. I'm going to be  
19 leaving the Osage County, like several already have,  
20 and the ones that haven't, many are just hanging on.

21 So anyway, I appreciate this opportunity  
22 for you all to come and talk to us again, but I --  
23 like I said, I thought we were going to have a  
24 meeting today where you were going to present a new  
25 EIS for us to comment on. So I will yield to the

1 next. Thank you.

2 MS. HALE: Thank you. Hopefully by the  
3 time we have the next meeting, we will have met with  
4 our cooperating agencies and we'll have something  
5 like a hard copy or a presentation that you can  
6 comment on, but we're just at the initial stages  
7 right now, so we haven't drafted anything, nothing  
8 is etched in stone. It's wide open right now, so I  
9 appreciate everybody's comments from that  
10 perspective. David House.

11 MR. HOUSE: Pretty much everything that we  
12 wanted to say has been said. We're a newbie in  
13 Osage County. We've only been up here for about  
14 five or six years, but I can tell you that is the  
15 most -- for 35 years before that I worked oil over  
16 all the other counties in Oklahoma. Without a  
17 doubt, this is today the most difficult county to do  
18 business in as an oil and gas operator. There's no  
19 doubt. I mean, the ability to get a drilling permit  
20 in Roger Mills County is a 24 to 48-hour process.  
21 You file it online. You get it back the next day.  
22 There's no reason that can't happen here. It's just  
23 a matter of modernizing the processes to be up to  
24 date with the technological advances that have been  
25 made in the industry, and that's what we haven't

1 seen here.

2 I just reiterate the comments that let's  
3 don't let the environmental impact study overcome  
4 your fundamental purpose and that is the  
5 preservation, the exploitation and the enhancement  
6 of the Minerals Estate for the Osage Nation. We as  
7 producers go hand in hand with that because we're  
8 spending capital dollars to try to do that, and when  
9 our -- when we -- when I hear that there's been 100  
10 permits issued, we actually got a permanent back  
11 from the BIA about three weeks ago. It had been  
12 filed two years prior to that. So that's -- that's  
13 what -- that's the experience that our recent  
14 experience is; two years to get a permit.

15 So I just think that there's -- we need to  
16 have a spirit of cooperation from the BIA. Let's  
17 make this thing work together for the benefit of the  
18 Nation. That's what we're all here for. They own  
19 this asset. You are supposed to regulate this asset  
20 but you are supposed to regulate it in a way that  
21 enhances it, not to the detriment of the asset, and  
22 what we have seen versus all of the other -- I can't  
23 see, is that red or yellow? Red? I guess I'm done.

24 MS. HALE: Everybody else has ignored it.

25 MR. HOUSE: I'm sorry. So going forward,

1 I would agree with Paul, let's start with what we  
2 know best, that's the '79, and let's adjust from  
3 there. We all know the '79 best. We operated on it  
4 for a number of years. If it's inadequate, okay,  
5 but let me just tell you that the Osage land is in  
6 much better shape today than it was 25 or 30 years  
7 ago. We were really produce -- the producers worked  
8 hard to take care of the environmental problems.  
9 We're not perfect. Nobody is perfect.

10 The OERB has spent -- has cleaned up over  
11 900 sites in Osage County and spent over \$10 million  
12 doing that in the last seven years up here, and they  
13 are committed to continuing to do that. So for  
14 landowners who have problems that they can't get  
15 solved through the BIA, call the OERB. They won't  
16 help you?

17 OBSERVER: Not if there's an operator  
18 already.

19 MR. HOUSE: I'm sorry?

20 OBSERVER: Not if there's already an  
21 operator on the land.

22 MR. HOUSE: Oh, okay. Yeah, if there's an  
23 operator, they won't help you. I mean, that's true.  
24 I apologize for that. But if you've got no --  
25 inactive wells and old stuff that needs to be

1 cleaned up, call the OERB. They would love to come  
2 up here to help you do that. It's a process. It  
3 takes about 18 months to get it done, but I have  
4 talked to hundreds of landowners that are so pleased  
5 with what the OERB can do for them. So I encourage  
6 anyone who hears of someone that says, I can't get  
7 my deal taken care of, call the OERB. That's what  
8 they are there for. We just spent over \$100 million  
9 in the state of Oklahoma, 10 percent in Osage  
10 County, cleaning up old sites, so that's an asset we  
11 need to utilize.

12           The last thing I want to say is that as we  
13 develop new rules, they need to be more concise than  
14 the last one. There were too many generic words  
15 that had multiple meanings that could mean one thing  
16 to me and another thing to you. What is a creek and  
17 what is a pond and what is this and what is that.  
18 We need to have as much specificity as possible in  
19 the rules so that we know exactly what we're  
20 supposed to do. Thank you very much.

21           MS. HALE: Our next speaker is Dale  
22 Jessie. Dale, did you sign up?

23           MR. JESSIE: I signed the sign-in sheet.

24           MS. HALE: Do you want to speak?

25           MR. JESSIE: Do I want to speak? No, I

1 better not.

2 MS. HALE: Do you want me to come back to  
3 you? Okay. Richard Dollar.

4 MR. DOLLAR: Many of you know me, many of  
5 you don't. I'm not a landowner nor a producer nor a  
6 tribal member. I'm a vendor. I fit into the  
7 category of oilfield trash, and I do spill plans  
8 from Mississippi to Utah, New Mexico to Ohio. I've  
9 seen environmental problems like you've never seen  
10 before.

11 But my question -- or my comment on this  
12 is economic. As well as doing spill plans, I do  
13 H-15 tests in Texas, and each month the railroad  
14 commission publishes online the two -- about 2,000,  
15 2,500 tests that are going to be done that quarter.  
16 As a vendor I can call those people and do their  
17 H-15s, which is an MIT; okay? Oklahoma has no  
18 system like that and I can't even get online to see  
19 what Osage County has, what your wells are, do  
20 anything. But in my travels and doing my work, by  
21 profession I'm an investigator with a degree from  
22 the University of Oklahoma and Tulsa University. I  
23 was a George Kaiser investigator for 10 years. I've  
24 worked for about 35 oil companies doing special  
25 projects, let's just call it that. But I've done



1 phase one environmentals, which is basically what  
2 this is, in Hobbs, New Mexico, we're out there, I'm  
3 looking for the sagebrush lizard for a couple of  
4 weeks. Greenbrier, Arkansas, on a drilling rig so  
5 they could drill, and in Big Spring, Texas, looking  
6 for jackrabbits, and what I've seen in the past is  
7 that these phase one environmentals can run from  
8 5,000 to 25,000 up to 250,000.

9 I'm also a real estate broker, have been  
10 for 24 years, and I've seen phase one environments  
11 get real expensive. What you folks have here is a  
12 cookie cutter compared to what Hobbs and Greenbrier,  
13 Arkansas, had, probably different topography. You  
14 are in a pocket here. You've got basically the same  
15 thing over and over and over. When these things end  
16 up being 300 pages, there's no sense of printing 300  
17 pages every time. You can get it down to a tab  
18 sheet, which might be what the '79 program was, I  
19 don't know. I haven't read it. But you need to get  
20 it simplified to where it doesn't cost \$5,000 for  
21 each one just to drill a well. And time wise, like  
22 Travis said, it takes five months to do one of  
23 these. That's unrealistic, and that's basically all  
24 I have to say.

25 MS. HALE: Councilman Redcorn.

1 MR. REDCORN: (Addressing the audience in  
2 a native language.)

3 I'm a member of the Osage Minerals  
4 Council. My name is Talee Redcorn. I was voted in  
5 in 2014. It's a pleasure to serve what I've always  
6 referred to as the Osage Head Right holders. I also  
7 wanted to thank the representatives of the United  
8 States to be here and meet with us. I want to just  
9 reinforce what our Chairman Everett Waller says and  
10 that we have four points that he outlined today to  
11 Ms. Hale and I stand behind those comments.

12 A little history, we became associated  
13 what we call (speaking native language) the large  
14 knives, the long knives people, and that's the  
15 United States, that's the Americans, back in 1806,  
16 and these gentlemen here, as you can see, a lot of  
17 those people knew the representatives of the United  
18 States at that time. It was General Leavenworth and  
19 General Montgomery Pike and those people, and the  
20 United States dragoons at that time. We had an  
21 understanding among the Americans, and we called  
22 them long knife people and they called us the  
23 (speaking native language), referred to us as  
24 Osages. 100 years later we have what we call the  
25 1906 Act, and again the United States made maneuvers

1 and laws to re- -- what I refer to as reinforce this  
2 relationship of the Osages and the Americans.

3 So we come to 2006 and now we're here  
4 today. I want the United States to please recall  
5 that this property is owned by somebody. It's not  
6 the American people, and you've always acknowledged  
7 that and we appreciate that, but it is for the  
8 beneficiary of the Osage Head Right owners. I  
9 reemphasize that to you today, that we build from  
10 this point on, if you can, just remember who these  
11 people are, that you're trying to work with us, our  
12 Nation, our people and then the people you  
13 represent.

14 The other thing is I wanted to come up  
15 with some questions. Number one, I had a comment on  
16 the EIS process. I have not been in favor of an  
17 EIS. I was hoping, pushing, politicking that we  
18 stick to business as usual. As I move more and more  
19 in communicating, I think that's probably something  
20 that's more blasphemous words for the BIA to  
21 consider, et cetera. This is bad language to talk  
22 about a categorical exclusion, I guess, in this  
23 atmosphere. That's my question. And the EA in '79,  
24 I see some heads shaking over there. I'm going to  
25 take that as a confirmation.

1           The second question, are we talking about  
2 a lease application and then the EIS stapled  
3 underneath it and then that's an approved process,  
4 that person can go forward and drill, or are we  
5 talking about the lease application, site-specific  
6 stuff that has to happen, and then the EIS is  
7 stapled to all three of those sections, stapled  
8 together and that's your lease application? Is that  
9 more what we're talking about site-specific stuff  
10 happening in this process?

11           MS. HALE: Do you want me to try to answer  
12 that? This EIS, I believe we're going to go down  
13 the same path as we were before, it would  
14 incorporate the programmatic environmental  
15 assessment that we did for leasing, and so hopefully  
16 when we're done with this EIS there will not be  
17 another EIS document that's required for a lease;  
18 however, if you are going to require permits, such  
19 as a drilling permit, you are probably still going  
20 to have to have, unless you've already done an EA  
21 for that particular area, an EA that's tiered to  
22 this EIS and addresses site specific conditions,  
23 like the creek that runs by your well or, you know,  
24 if there's an endangered species there. Does that  
25 answer your question?

1                   MR. REDCORN: That answers my question.  
2 Thank you, Ms. Hale. So my comment will be, and my  
3 understanding that this lease stapled together with  
4 site-specific stuff with the EIS on the third  
5 stapled together so you can drill will have to  
6 happen, site-specific stuff? I see some heads  
7 shaking yes.

8                   I'm going to ask this. That you consider  
9 as you call the Osage, you leave it blank, I would  
10 appreciate that at the end of this document I just  
11 read and handed it to us. You are laughing. You  
12 understand what I'm saying. You consider the Osage  
13 in that process. I know we're an infant group, but  
14 we want to be involved and have to shorten that to  
15 make it more robust, make it more faster literally.  
16 We cannot -- if I'm going to have to eat this thing,  
17 which I feel like I'm going to have to eat it, then  
18 let's talk about that discussion there and that  
19 process.

20                   As we are -- as the Osage, so I also want  
21 to say that the history council -- Congressman John  
22 Baker back here, one of his people is called  
23 (speaking native language). That's a name among the  
24 Osages, it's overseer of the land, a sojourn for  
25 that land. It's a powerful name among the Osage.

1 It comes from the Dear Clan, and I'm asking you that  
2 you acknowledge, as the United States, our right to  
3 sojourn over our land (speaking native language).  
4 Thank you.

5 MR. BABST: I'm Charles Babst with the  
6 Solicitor's Office. I wanted to follow up on what  
7 Councilman Redcorn just said about site-specific  
8 analysis when I was mentioning to that gentleman  
9 right there the Hayes case. The Hayes case is the  
10 second lawsuit that was filed against the Bureau of  
11 Indian Affairs and an oil company called Chaparral,  
12 maybe you've heard of it, and in that case Judge  
13 Frizell ruled in December that a lease and two  
14 drilling permits were invalid from the inception.  
15 From the day they were signed and approved they were  
16 invalid because they relied solely upon the 1979 EA  
17 and because they did not have site-specific analysis  
18 performed by the BIA for that lease and those two  
19 drilling permits; okay.

20 OBSERVER: He later reversed himself.

21 MR. BABST: No, he did not. No, he did  
22 not. I'll show you the order.

23 OBSERVER: You don't have to be --

24 MR. BABST: The lease -- the lease is  
25 invalid, void ab initio, and the two drilling

1 permits are, too.

2 OBSERVER: Well, must not have read the  
3 same lawsuit.

4 MR. BABST: He remanded the case back to  
5 Indian Affairs for additional NEPA compliance work,  
6 and thankfully for Chaparral he stayed Mr. Hayes'  
7 trespass action against Chaparral.

8 OBSERVER: They didn't even want the damn  
9 lease back anyhow.

10 MR. BABST: I'm just telling you what  
11 happened. I'm answering Councilman Redcorn's  
12 concern about site-specific work. We believe that  
13 site-specific work will have to be done in order for  
14 these leases and permits to survive other lawsuits.  
15 Is that helpful, sir?

16 MR. REDCORN: Yes.

17 MS. HALE: Thank you.

18 OBSERVER: Jerk.

19 MS. HALE: Cynthia Boone, Councilwoman  
20 Boone.

21 MS. BOONE: Good afternoon. My name is  
22 Cynthia Boone. I'm an elected official with the  
23 Osage Minerals Council. I am a landowner in Osage  
24 County. My family has been here since the 1800s.  
25 There have been oil wells drilled on my property,

1 and I welcome them all. I wish there were more. I  
2 am a Head Right owner. I am a beneficiary of the  
3 Osage Minerals Estate. I am the only third-term  
4 elected official to represent my Head Right owners.

5           The BIA mission statement says to promote  
6 economic opportunity and to carry out the  
7 responsibility to promote and improve the trust  
8 assets. My constituents do not believe that this is  
9 what happened in the first draft EIS. You stated  
10 earlier that you hoped the Osage Minerals Council  
11 will become a cooperating agency, yet when we  
12 submitted our memorandum of understanding, all  
13 references to trust responsibility and Osage  
14 Minerals Estate were marked out.

15           I look forward to negotiating with you on  
16 a new memorandum of understanding. One of the  
17 things I don't want to see in the next draft is that  
18 Galen Crum is identified as Osage Minerals Council.  
19 Mr. Crum was appointed by the Osage Nation. Their  
20 constituency is different than the Osage Minerals  
21 Council, but yet on page 4-21 and 4-78 Galen Crum is  
22 identified as an Osage Minerals councilperson. What  
23 I do want to see is a preferred alternative that  
24 must encompass provisions that will maximize the  
25 extraction of minerals from the Osage Minerals



1 Estate for the benefit of the Osage Head Right  
2 owners as the only beneficiary of this Osage  
3 Minerals Estate. It's not the Osage Nation. Thank  
4 you.

5 MS. HALE: That's actually everyone who  
6 signed up so far. Except for Dale. I'm going to  
7 come back around to Dale. Do you want to say  
8 anything?

9 MR. JESSIE: Not at this meeting.

10 MS. HALE: Is there anybody else? Would  
11 you state your name for the record, sir?

12 MR. SICKING: Sure. My name is Jamie  
13 Sicking. I wanted to talk about something I heard  
14 earlier. That is you said the BIA made the  
15 determination that an EIS was the best way to go  
16 without doing an EA first. Isn't that correct?

17 MR. SIMPSON: That's --

18 MS. HALE: It should be on the record,  
19 yes.

20 MR. SICKING: And that's -- that was done  
21 even in light of the fact that the last time they  
22 did an EA we were producing and drilling four times  
23 as much as we are now and we had a FONSI at that  
24 point, so we've reduced our efforts by 75 percent  
25 and yet you are not willing to run an EA up the

1 flagpole to see if we can't get a FONSI right out of  
2 the gate? I mean, is that -- that's what -- that's  
3 the decision that was made to not even consider the  
4 thing that worked last time when we were doing four  
5 times as much work, we're not even going to try that  
6 route? That's based on, I think you said air and  
7 water quality, right? So do we have an air and  
8 water quality expert here in Osage.

9 MR. SIMPSON: I was asked for examples of  
10 environmental impacts and those were the examples I  
11 gave. There's a lot more examples than that, like  
12 the list that Jeannine put up on her slide.

13 MR. SICKING: Okay. All right. So let's  
14 get on with this to NEPA. NEPA requires that the  
15 government be informed when they make a decision.  
16 That's it. It just requires that they take a hard  
17 look at what they are doing. That's it. And  
18 somehow you guys have managed to get off the rail so  
19 badly that we're looking at a document that imposes  
20 regulations, when, in fact, NEPA only requires that  
21 you say, yeah, I looked at that and I approved it.  
22 It's about informed decision-making and that's from  
23 the Hayes decision that NEPA is not about new  
24 regulation at all. It's just that the government,  
25 when they make a decision, that they are informed.

1                   Now, I'm not sure how we've gotten so far  
2    afield, but as it pertains to this EIS that we're  
3    putting together, let's just try to tailor it back  
4    to taking a hard look at the environmental impact.  
5    It's not the EIS' responsibility to try to fix any  
6    of the environmental issues it sees. It just says,  
7    yeah, I looked at that. That's what NEPA says.  
8    NEPA has turned -- somehow this molehill is now a  
9    mountain, and if you look at the Hayes decision,  
10   it's clear that Frizell is seeing what's happened,  
11   and he says, oh, no, it's just supposed to be a hard  
12   look. All you are supposed to do is say, yeah, I  
13   was aware, I made an informed decision, and somebody  
14   has really taken the ball and run with it in the  
15   wrong direction.

16                  You said earlier when we need to operate  
17    in a responsible manner and that we need to cut down  
18    on unnecessary pollution. Are you implying we are  
19    not operating currently in a safe manner and that we  
20    are not cutting down on pollution when we can,  
21    because it kind of feels like if you are going to  
22    make these accusations and use them as reasoning  
23    behind putting all these burdens on us, then you  
24    ought to be able to show us where we made our  
25    mistakes, because we've got a pretty clean county,

1 and to be treated as if we didn't and punished, I  
2 mean, it just rubs us the wrong way.

3 MS. HALE: Jamie, I think that was stated  
4 as a goal not an accusation.

5 MR. SICKING: Right, but if our goal, say,  
6 is to score 7 points and I score 10 points a game,  
7 then it kind of seems weird. You said that you guys  
8 wanted stakeholders to be on this committee. Are  
9 you going to invite --

10 MS. HALE: We don't have a committee. I'm  
11 sorry, you misunderstood.

12 MR. SICKING: I'm sorry, I thought one of  
13 your slides said you wanted input from all the  
14 stakeholders and you were going to --

15 MS. HALE: We do want input from  
16 stakeholders. There's not a committee.

17 MR. SICKING: Well, for, let's say, the  
18 memorandum of understanding, people want a seat at  
19 the table. Are you going to offer the Osage  
20 Producers' Association --

21 MS. HALE: No, sir.

22 MR. SICKING: -- as a stakeholder a seat  
23 at the table.

24 MS. HALE: No, sir.

25 MR. SICKING: Who knows more about

1 producing oil and gas in Osage County and how it's  
2 done?

3 MS. HALE: Let me clarify. Under CEQ  
4 regulations, which I'm sure as an attorney you have  
5 read, it talks about cooperating agencies and who  
6 qualifies.

7 MR. SICKING: Uh-huh.

8 MS. HALE: It doesn't include nonprofits  
9 and trade organizations and that sort of thing.  
10 That doesn't mean you don't have a seat at the table  
11 in developing this EIS, because you will have  
12 multiple opportunities to have input such as you  
13 have today.

14 MR. SICKING: Doesn't -- I think --  
15 doesn't it allow for us to have a seat at the table  
16 on a subcommittee that also sits at the table?

17 MS. HALE: There isn't a committee.

18 MR. SICKING: I'm sorry if you don't like  
19 the term, but the fact is if you guys want this deal  
20 to work the first time, it would make sense to run  
21 it by the people that have to make it work the first  
22 time. Not, hey, go put it in and then, oh, sorry  
23 that pie is half cooked, I didn't know it had to  
24 bake for 30 minutes when we could have told us.  
25 Yeah, 30 minutes, 350, because we're out there every

1 day. It seems to me that might be a nice place to  
2 start.

3 Just want to touch on that Hayes lawsuit  
4 again. He did say void ad initio in his December  
5 ruling.

6 MR. BABST: And he said invalid in the  
7 second.

8 MR. SICKING: And he said invalid in the  
9 second. There's a huge difference. Void ad initio  
10 is you've got a lot of trouble. Invalid means the  
11 BIA can do something to make it valid

12 MR. BABST: We are.

13 MR. SICKING: I have another question.  
14 Mr. Winlock, it's my understanding that the BIA,  
15 when they get a 139 drilling permit or something,  
16 they send somebody out to look at the location, eyes  
17 on.

18 MR. WINLOCK: Yes.

19 MR. SICKING: Okay. That's all that NEPA  
20 requires, except you also have to put a paragraph in  
21 the file that says I went and looked at it, and we  
22 don't have that paragraph in the file. We've done  
23 the work, but BIA has done the work when it comes to  
24 taking a hard look. All I have to do is say, yeah,  
25 I was there, it's 250 --

1                   OBSERVER: Jamie, they never have come out  
2 and looked at any of my wells.

3                   MR. SICKING: I don't know. It's my  
4 understanding they go to every one. That's part of  
5 the 139 permitting process is they have an eyes-on  
6 guy. The problem has come from not documenting it  
7 and not saying, hey, per NEPA, I went out and looked  
8 at it and it's a lack of documentation on the part  
9 of the BIA, not even a lack of doing the job.

10                  So I think I would ask, going forward,  
11 that somebody who has some decision-making authority  
12 take a hard look at what NEPA actually says, and  
13 it's that you just make an informed decision, not  
14 that you do anything about it. It's just, yeah, I  
15 knew that when I made the decision. This just seems  
16 like another way to pile on and it's unfortunate.  
17 Those people have been through enough.

18                  MS. HALE: I think I saw Shane. Good  
19 evening. Would you state your name?

20                  MR. MATTSON: My name is Shane Mattson.  
21 To quote Charles Winstrom (phonetic), It's like deja  
22 vu all over again. My name is Shane Mattson. I'm  
23 the president of the Osage Producers Association.  
24 The Osage Producers Association is a nonprofit  
25 organization filled with producers and service

1 industry focused on Osage County oil and gas  
2 operations. We are pleased that the BIA recognizes  
3 that the Osage oil and gas EIA -- EIS requires a  
4 significant midcourse correction. As the EIS  
5 process requires a statement of the range of issues  
6 of possible alternatives, the basic alternative must  
7 be the administration of an oil and gas permitting  
8 process, which is supported by and consistent with  
9 existing federal law and regulation. The  
10 alternatives should include permit processing  
11 improvements, allowing quick turnaround permit  
12 applications unless there are unique environmental  
13 issues. The alternatives should acknowledge  
14 contentious issues and the BIA's limitations in  
15 providing solutions.

16 If the BIA wishes to consider mitigation  
17 alternatives; such as esthetics, noise, which are  
18 not supported by existing laws and regulations, the  
19 proposed changes must be identified as such. The  
20 analysis of such alternatives must provide for the  
21 continuation of business as usual and the  
22 uncertainty of success.

23 The BIA need only describe the environment  
24 of Osage County as necessary for the responsible  
25 official to make a, quote, detailed statement on the



1 environmental impact of the proposed action from the  
2 NEPA Act. A complete description of the Osage  
3 County environment entails impacts from cattle and  
4 creeks, wind farms, urbanization, rural residential  
5 development, et cetera. Only those aspects of the  
6 Osage environment relevant to the proposed action  
7 within the BIA's authority should be included.

8           The BIA should recognize the environmental  
9 benefits which resulted from the U.S. EPA  
10 administered Spill Prevention Control and  
11 Countermeasures Regulations and the Underground  
12 Injection Control Regulations. If there are  
13 failures or shortcomings in these areas, the EPA's  
14 response should be incorporated into the EIS. The  
15 BIA's plate is full. It can ill afford to  
16 redundantly embrace environmental measures  
17 administered by other agencies.

18           Compliance with existing laws and  
19 regulations must be a premise of the EIS, and Osage  
20 must absolutely be competitive with adjacent  
21 counties for investment. The BIA must carry out its  
22 Endangered Species Act obligation by presenting to  
23 the U.S. Fish & Wildlife Service a biological  
24 assessment related to the American burying beetle in  
25 the beginning of the ESA Section 7 consultation.

1                   While the draft EIS is in process, the  
2                   current highly redundant site-specific environmental  
3                   assessment must be streamlined. Special provisions  
4                   attached to drilling permits, which are not  
5                   supported by existing laws and regulations and are  
6                   not enforceable, should be avoided. The current  
7                   environmental assessment process in combination with  
8                   a project-by-project American burying beetle  
9                   procedures have presented -- have prevented new  
10                  wells from even being considered because of delayed  
11                  costs and uncertainty that otherwise would be  
12                  producing today to the benefit of the Osage Minerals  
13                  Estate.

14                  We as the OPA are encouraged by the BIA  
15                  expressing interest in working with, "others" to  
16                  gather information and work to prepare a revised  
17                  EIS. The Osage Producers' Association wishes to be  
18                  a participant, and in your document it says the BIA  
19                  will work with cooperating agencies and others. We  
20                  consider ourselves others. We would be pleased to  
21                  participate in any and all aspects. It's wonderful  
22                  today to see my friend Neil Suneson with the  
23                  Oklahoma Geological Survey here and to see that the  
24                  OGS is considering executing a memorandum of  
25                  understanding.

1                   Two additional agencies I would recommend  
2           that you speak with would be the United States  
3           Geological Survey, who has a 100-year publishing  
4           record on the oil and gas resources of Osage County,  
5           and the Oklahoma Corporation Commission. The  
6           Oklahoma Corporation Commission can explain to you  
7           how the process works outside of this county, and  
8           perhaps there are things that could be incorporated  
9           into the process that will speed things up. I think  
10          they would benefit, both agencies the USGS and the  
11          Oklahoma Corporation Commission, in participating.

12                   In order to participate in environment --  
13          in order to anticipate environmental impact, it's  
14          necessary to establish the full scope of future oil  
15          and gas development. Paraphrasing Neil Morris,  
16          prediction can be difficult when it involves the  
17          future; nevertheless, we believe we are uniquely  
18          qualified as the OPA to make developmental forecasts  
19          and will endeavor to do so if allowed to  
20          participate. We will submit written comments on  
21          May 8th elaborating on my remarks and further  
22          defining our proposal to prepare a forecast of oil  
23          and gas activities. Thank you.

24                   MS. HALE: I am not sure if USGS is here  
25          tonight. Bill Andrews was going to attend. We do

1 have somebody? Okay. That's great. I just wanted  
2 folks to know we did invite USGS. We certainly  
3 reach out to other folks as well, as suggested, and  
4 it's encouraging to hear your remarks that you are  
5 willing to participate and give us additional  
6 information, such as production forecasts and that  
7 sort of thing. So did we have anybody else that  
8 wanted -- okay. Myron.

9 MR. REDCORN: Hi, name is Myron Redcorn.  
10 I'm a former member of the Osage Minerals Council --  
11 Second Osage Minerals Council. (Speaking native  
12 language). I've been out of the loop for quite a  
13 while now, but I hear things and I talk to people  
14 and ask around about what's going on, and they all  
15 give me just about the same answer and it's not  
16 getting any better, and I just have one question.  
17 I've talked to several people about this, and in our  
18 studies I've even talked to Dr. Hunter about it and  
19 questioned her about it, and she doesn't really have  
20 a whole lot to say about it, but the question I have  
21 for this session is: Are these environmental  
22 studies done on the same leases as -- twice or every  
23 time?

24 MS. HALE: Richard, you may be able to  
25 answer this better than I. My understanding is we

1 have some records, Richard Beaty, our archeologist  
2 at the Osage Agency, always checks his records to  
3 see if a survey has been done before, and if it has  
4 been whether or not it needs to be updated or not,  
5 but I don't believe usually they are done twice.

6 MR. WINLOCK: No, a lot of times the oil  
7 companies do a block survey, too.

8 MR. REDCORN: That was my biggest concern,  
9 you know, because a lot of the producers that come  
10 in here, all they talk about is expediting it,  
11 speeding the process up. That would be an excellent  
12 thing to do, you know, if it's already been done  
13 before, why do it again. I know I'm a landowner  
14 myself and the graveyard -- our family graveyard, it  
15 was vandalized, some of the pictures we had of my  
16 uncles were shot out, and I can see the importance  
17 of archeological studies like that, but also we have  
18 to think about who helps us in the county and that's  
19 the Osage producers. We need to do everything we  
20 can to help them because as far as I'm concerned  
21 it's going to be around forever. Thank you.

22 MS. HALE: Thank you so much.

23 MS. JONES: I'm Jill Jones. I'm the board  
24 chair of Osage Nation Energy Services, LLC. I'm an  
25 Osage tribal member. I wanted to emphasize I'm not

1 speaking on behalf of Chief's office or on behalf of  
2 the Osage Nation. We are an independent company  
3 under the Nation, so I'm really only speaking on  
4 behalf of our board and reflecting some comments  
5 that we have previously about the EIS.

6 We agree with Chairman Waller and the  
7 Minerals Council that any measures to address  
8 impacts cannot and must not violate the trust  
9 responsibility owed by the United States to promote  
10 the development of the Osage Minerals Estate. This  
11 must be considered first and foremost by BIA in  
12 relation to all aspects of the EIS.

13 It is imperative that the EIS be  
14 specifically formulated for the unique and  
15 specialized situation existing in Osage County, most  
16 importantly that the Osage Minerals Estate is held  
17 in trust and that the responsibility for developing  
18 the Minerals Estate lies with the BIA. This results  
19 in an area in Osage County where energy development  
20 is one primary component of the economy and  
21 historically supported by the Osage Nation and its  
22 operating partners. We believe it's not feasible to  
23 utilize the same type of document or wording.  
24 Resource conservation measures or procedures in the  
25 EIS that are used for other federal lands related to

1 areas where oil and gas development or any type of  
2 energy development is not a priority, such as  
3 federal lands, public lands, and that sort of thing.

4           It is our opinion that the BIA is required  
5 to review the EIS from the perspective of the  
6 specific type of land and the type of energy  
7 development prevalent in the Osage and not use  
8 references which are applicable to other areas or  
9 federal lands where that type of development is  
10 typically not promoted or even allowed. More  
11 specifically BIA must formulate this EIS for the  
12 specific purpose of meeting the requirements of  
13 Osage energy development rather than starting with  
14 documentation and wording or templates meant for  
15 other purposes and simply trying to remove  
16 references and measures which do not or should not  
17 apply in the case of Osage County.

18           We also believe the intent and final  
19 outcome of this EIS must be defined right up front,  
20 especially as it relates to the CFRs. There needs  
21 to be clarification on what the record of decision,  
22 or the ROD, will address as a result of the EIS and  
23 how this integrates with the existing regulations  
24 that are already in place. From a process  
25 perspective, we don't support outlining a variety of

1 BMPs or RCMs which are then applied at the  
2 discretion of the Osage BIA Agency or the  
3 superintendent.

4 Without exactly defined process for  
5 applying rules and measures to manage oil and gas  
6 activities, the operating environment continues to  
7 be unstable and this practice makes profitable oil  
8 and gas operations difficult to achieve from a  
9 business standpoint. So a concern for us is that  
10 future implementation of RCMs and other measures  
11 included in the EIS will be at the discretion of the  
12 BIA Osage Agency or the superintendent without a  
13 specifically defined or documented procedure. But  
14 this lack of specific details on implementation  
15 would create an extremely subjective process which  
16 does not support the consistency and management  
17 required for effective implementation of the Osage  
18 Minerals Estate. Any action must be defined  
19 specifically and not left to later interpretation by  
20 the BIA.

21 To close, we stress any measures to  
22 address impacts cannot and must not violate the  
23 trust responsibility owed by the United States to  
24 promote the development of the Osage Minerals  
25 Estate. We agree that better consultation with the



1 Osage Minerals Council and the Osage Nation is  
2 required as part of this process, and we agree with  
3 the Osage Minerals Council that the development of  
4 the EIS must be tailored to fit the unique  
5 requirements of the Osage Minerals Estate in order  
6 for BIA to meet its trust responsibility. Thank  
7 you.

8 MS. HALE: I'm looking to see if anybody  
9 else has their hand raised. Have we missed anyone?

10 MR. MAKER: I'm John Maker. I'm an Osage  
11 tribal member, 3/4th Osage, from Hominy, Oklahoma.  
12 I am a landowner and Head Right owner. I also sit  
13 on the Osage Nation Congress, but I'm not here as a  
14 representative of the Congress nor am I allowed to  
15 be.

16 So what I would like -- I would like to  
17 see some cooperation here. I see -- I hear -- I see  
18 two sides here. What I think we need here is a lot  
19 more cooperation between the producers and everybody  
20 who has an interest in this needs to be allowed to  
21 sit at the table in negotiations. That's the key to  
22 any realistic outcome, a positive outcome is to have  
23 everybody involved, not just a few, especially here  
24 in the Osage Reservation.

25 Our history goes way back with the

1 government, as we all know. I know all you people  
2 here are well educated, and the Osage people have a  
3 long relationship with the government and as we all  
4 know we are the only Indian tribe that has a Mineral  
5 Estate on the planet here. So we have a special  
6 relationship with the government as we all know, as  
7 you know, and I would say that the Osage people  
8 through history have been very generous with our  
9 assets here. During all the wars that we've been  
10 involved in; WW1, WW2, even before that, the  
11 Revolutionary War, we've always had a hand in the  
12 history of this government, this country, these  
13 United States of America.

14 So all we want is a chance to have our  
15 constitutional rights to the pursuit of a life and  
16 the revenue and to be business owners and have --  
17 and just have the right to pursue happiness here,  
18 but I would like to say that the Osage Nation has  
19 had a lot of adversity through the years, centuries,  
20 throughout floods, war, but I never thought that a  
21 beetle would be one of our greatest adversaries.  
22 The great Osage Nation, warrior tribe of people, to  
23 a standstill by a bug.

24 OBSERVER: Kill them all.

25 MR. MAKER: In closing, I would have to

1 say I would like to see a lot more cooperation here,  
2 and I think everybody with an interest here has the  
3 right to be involved in negotiations. Thank you.

4 MS. HALE: Thank you so much.

5 MS. FORMAN: Can I ask a question of  
6 Congressman Maker, if possible? It's to clarify.  
7 When you said we are the only tribe that has a  
8 Minerals Estate, did you mean we are the only tribe  
9 that purchased with their own money, their own  
10 Minerals Estate? The gentleman at the table was  
11 shaking his head.

12 MR. MAKER: In the history, from what I  
13 know, I don't know of another tribe in the United  
14 States that has a Minerals Estate like we do.

15 MS. FORMAN: I think there's plenty that  
16 have oil and gas, but we bought ours, fee simple.

17 MR. MAKER: We actually bought our own  
18 land and --

19 MR. BABST: Only one purchased.

20 MR. MAKER: Okay. I stand corrected on my  
21 statement that we were the only. We were the only  
22 ones that did, in fact, buy our only reservation.

23 MS. FORMAN: Thank you.

24 MS. HALE: Thank you, sir. We will bring  
25 conclusion to our public comment period. To just to

1 reiterate, I don't see anybody else with their hands  
2 up. We are going to take these comments back and  
3 the additional ones that we hopefully get some more  
4 on our e-mail address or in the mail. We're going  
5 to put the Power Point up on our website, and then  
6 we'll have a transcript of the comments as well that  
7 we will review, and it usually takes a little while  
8 for us to get that transcript and get that posted.  
9 Is there any other question about our process that  
10 we can answer? Shane?

11 MR. MATTSON: How do we obtain the  
12 transcripts of the last EIS meeting.

13 MS. HALE: Shane, I thought it was up on  
14 the website. Is it not? Is there not a link to it?

15 MR. MATTSON: Not that I've seen.

16 MS. HALE: It is? We have conflicting --  
17 if it's not, I know I've sent it by e-mail to, I  
18 think, Councilwoman Boone, I think I actually sent  
19 it to you, didn't I.

20 MS. BOONE: Yes, you did.

21 MS. HALE: I'm happy to send it if you  
22 can't get to it.

23 MR. MATTSON: Thank you.

24 MS. HALE: Anything else about the next  
25 steps or the process? All right. Thanks for

1 coming.

2 (PUBLIC SCOPING MEETING CONCLUDED AT 5:04 P.M.)

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

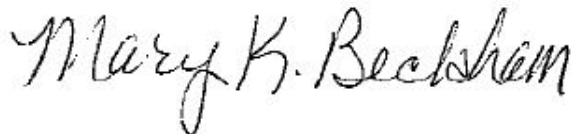
1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25

CERTIFICATE

STATE OF OKLAHOMA     )  
  )  SS:  
COUNTY OF TULSA        )

I, Mary K. Beckham, Certified Shorthand Reporter within and for the State of Oklahoma, do hereby certify that the above and foregoing Public Scoping Meeting at the Wah-Zha-Zhi Cultural Center was by me taken in shorthand and thereafter transcribed; that the foregoing pages constitute a full, true and correct transcript of the Public Scoping Meeting; and that I am not an attorney for nor relative of any of said parties or otherwise interested in the event of said action.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal this 4th day of May, 2016.



---

Mary K. Beckham, CSR, RPR  
CSR No. 01053

WORD INDEX

&lt; \$ &gt;

**\$10** 38:11  
**\$100** 27:24 39:8  
**\$19** 21:12  
**\$2** 24:19  
**\$250,000** 20:25  
**\$5,000** 41:20  
**\$50** 21:2  
**\$94** 21:12

&lt; 0 &gt;

**01053** 70:19

&lt; 1 &gt;

**1,444,000** 17:10  
**10** 39:9 40:23  
 52:6  
**100** 37:9 42:24  
**100-year** 59:3  
**13175** 10:7  
**139** 54:15 55:5  
**139s** 30:19  
**14** 20:5  
**15** 21:4 30:2  
**18** 39:3  
**1800s** 47:24  
**1806** 42:15  
**1870** 12:2  
**1883** 12:4  
**1906** 8:12, 19, 21  
 9:12 10:2 42:25  
**1979** 22:6 23:23  
 33:15, 19 34:5  
 46:16

&lt; 2 &gt;

**2,000** 40:14  
**2,500** 40:15  
**2.3** 10:14  
**200** 20:23  
**2006** 43:3  
**2008** 20:1  
**2009** 10:12  
**2011** 19:18 20:3,  
 15 21:23  
**2012** 20:1, 4  
**2013** 20:5

**2014** 20:7, 9, 14

21:3, 11 22:5  
 42:5  
**2015** 23:22  
**2016** 1:14 19:12  
 21:11 70:10  
**21,000** 30:6  
**2229** 12:3  
**225** 20:1  
**24** 36:20 41:10  
**25** 27:22 38:6  
**25,000** 41:8  
**250** 54:25  
**250,000** 41:8  
**28** 1:14

&lt; 3 &gt;

**3** 65:11  
**3:12** 1:15  
**30** 31:4 38:6  
 53:24, 25  
**300** 34:7 41:16, 16  
**300-page** 32:7  
**30-day** 31:1  
**32** 20:4, 8  
**3206** 24:3  
**33** 18:17  
**35** 36:15 40:24  
**350** 53:25

&lt; 4 &gt;

**40** 26:12 30:4  
**4-21** 48:21  
**45** 20:6 30:21  
**4-78** 48:21  
**48-hour** 36:20  
**4th** 65:11 70:10

&lt; 5 &gt;

**5,000** 21:5 41:8  
**5:04** 69:2  
**50** 21:15  
**500-barrel** 30:5

&lt; 6 &gt;

**64** 33:22

&lt; 7 &gt;

**7** 52:6 57:25

**70** 32:6, 14  
**75** 49:24  
**79** 38:2, 3 41:18  
 43:23

&lt; 8 &gt;

**8** 23:1  
**80** 32:6  
**80s** 33:24  
**8th** 59:21

&lt; 9 &gt;

**900** 38:11

&lt; A &gt;

**ab** 46:25  
**ABB** 23:18  
**ability** 34:13  
 36:19  
**able** 3:14 4:8  
 12:24 31:19  
 32:10 51:24  
 60:24  
**absolutely** 25:8  
 57:20  
**abstract** 12:5  
**access** 28:7, 12  
**accomplish** 31:9  
**accomplished**  
 23:14  
**accounted** 9:14  
**accounting** 24:21  
**accurate** 27:16  
**accusation** 52:4  
**accusations** 51:22  
**achieve** 64:8  
**acknowledge** 46:2  
 56:13  
**acknowledged**  
 43:6  
**acreage** 23:17  
**acres** 6:6 17:10  
 23:21, 23  
**Act** 5:10 8:12, 20,  
 21 9:12 10:3  
 24:5, 19 29:13  
 42:25 57:2, 22

**action** 13:20

14:13 15:1, 2  
 47:7 57:1, 6  
 64:18 70:8  
**actions** 10:9, 24  
 21:20  
**activities** 59:23  
 64:6  
**activity** 6:2  
**actual** 15:2  
**ad** 54:4, 9  
**add** 8:9 16:7  
 17:3 23:2  
**added** 21:23 23:2  
**adding** 17:7  
**additional** 47:5  
 59:1 60:5 68:3  
**address** 9:23  
 32:2 62:7 63:22  
 64:22 68:4  
**addressed** 7:16  
 10:1  
**addresses** 44:22  
**addressing** 33:11  
 42:1  
**adjacent** 57:20  
**adjust** 38:2  
**administered**  
 57:10, 17  
**administration**  
 10:12 56:7  
**Administrative** 5:9  
**adopted** 11:15  
**advances** 36:24  
**adversaries** 66:21  
**adversity** 66:19  
**advice** 13:9  
**Affairs** 2:3 11:13  
 19:7 46:11 47:5  
**affect** 10:10 15:19  
**afford** 57:15  
**afield** 51:2  
**afternoon** 47:21  
**agencies** 6:22  
 10:8 11:16 16:16  
 36:4 53:5 57:17  
 58:19 59:1, 10  
**Agency** 2:12, 14,  
 22, 23 5:10 11:14

13:16 14:12 15:9  
48:11 61:2 64:2,  
12  
**ago** 16:11 27:23  
37:11 38:7  
**agree** 27:11  
31:22 38:1 62:6  
64:25 65:2  
**agreement** 11:17  
**ahead** 13:2 30:18,  
25 31:4, 7  
**air** 14:14 50:6, 7  
**Alaska** 19:10  
25:14  
**allow** 53:15  
**allowed** 59:19  
63:10 65:14, 20  
**allowing** 56:11  
**alternative** 8:19,  
25 9:6, 23 48:23  
56:6  
**alternatives** 9:9  
56:6, 10, 13, 17, 20  
**amended** 8:21  
**America** 66:13  
**American** 19:10  
23:20 24:3 25:13  
43:6 57:24 58:8  
**Americans** 42:15,  
21 43:2  
**analysis** 29:23  
30:12 32:5 46:8,  
17 56:20  
**Andrews** 59:25  
**annual** 21:5  
**annually** 21:2  
**answer** 44:11, 25  
60:15, 25 68:10  
**answering** 4:13  
47:11  
**answers** 45:1  
**anticipate** 5:13  
59:13  
**anybody** 4:1  
35:12 49:10 60:7  
65:8 68:1  
**anymore** 7:12  
35:17, 18

**anyway** 34:4  
35:21  
**apologies** 4:9  
**apologize** 4:21  
38:24  
**appeal** 35:8  
**applicable** 63:8  
**application** 44:2, 5,  
8  
**applications** 56:12  
**applied** 64:1  
**applies** 9:13  
**apply** 63:17  
**applying** 64:5  
**appointed** 48:19  
**appreciate** 35:21  
36:9 43:7 45:10  
**approach** 9:9, 10  
**approved** 5:12  
20:12 23:13 31:2  
35:6 44:3 46:15  
50:21  
**approving** 22:25  
**APRIL** 1:14  
19:12  
**archeological**  
61:17  
**archeologist** 61:1  
**area** 44:21 62:19  
**areas** 6:12 24:21  
57:13 63:1, 8  
**Arkansas** 41:4, 13  
**asked** 50:9  
**asking** 17:12  
35:12 46:1  
**aspect** 28:24  
**aspects** 57:5  
58:21 62:12  
**assess** 14:18  
**Assessment** 12:24  
13:13 14:17  
44:15 57:24 58:3,  
7  
**assessments** 30:13,  
16  
**asset** 37:19, 19, 21  
39:10  
**assets** 19:10

25:13 48:8 66:9  
**assignments** 24:23  
**associated** 42:12  
**Association** 52:20  
55:23, 24 58:17  
**atmosphere** 43:23  
**attached** 35:6  
58:4  
**attack** 28:15  
**attempting** 9:16  
**attend** 59:25  
**attorney** 27:12  
53:4 70:7  
**attorneys** 27:10  
**audience** 42:1  
**authority** 55:11  
57:7  
**average** 20:1, 3,  
23, 25  
**avoided** 58:6  
**aware** 51:13

## &lt; B &gt;

**Babst** 2:20 22:12,  
13, 18, 20 46:5, 5,  
21, 24 47:4, 10  
54:6, 12 67:19  
**back** 3:4 4:13, 22  
17:20 20:15, 20  
21:13, 20, 23 25:9  
26:3 27:22 33:10,  
17, 19, 24 34:4  
36:21 37:10 40:2  
42:15 45:22 47:4,  
9 49:7 51:3  
65:25 68:2  
**background** 18:16  
**backing** 26:4  
**Backlogs** 24:24  
**bad** 43:21  
**badly** 50:19  
**bake** 53:24  
**Baker** 45:22  
**ball** 51:14  
**bare** 19:19  
**barest** 20:17  
**barrels** 21:4, 5, 7,  
8, 15 28:23

**based** 5:8 8:19  
50:6  
**basic** 56:6  
**basically** 13:25  
33:25 34:24 41:1,  
14, 23  
**basis** 10:1, 23  
**Bear** 7:19  
**Beaty** 61:1  
**BECKHAM** 1:25  
70:4, 18  
**beeline** 22:3  
**beetle** 23:20  
30:19, 22 57:24  
58:8 66:21  
**beetles** 30:23  
**BEGINNING**  
1:15 31:16 57:25  
**behalf** 8:9 62:1, 1,  
4  
**believe** 18:25  
27:17 44:12  
47:12 48:8 59:17  
61:5 62:22 63:18  
**believes** 13:18  
**Ben** 2:22  
**beneficiaries** 9:4  
**beneficiary** 43:8  
48:2 49:2  
**benefit** 9:3 19:3  
37:17 49:1 58:12  
59:10  
**benefits** 57:9  
**best** 26:24 38:2, 3  
49:15  
**better** 3:15 27:3  
28:15 38:6 40:1  
60:16, 25 64:25  
**BIA** 8:18 9:8, 19  
10:4, 15, 18 11:1,  
9, 18 16:6, 24  
18:23 19:3, 5  
22:5, 11 23:24  
24:2, 19 26:18  
27:6, 14 28:3, 9,  
18, 25 37:11, 16  
38:15 43:20  
46:18 48:5 49:14  
54:11, 14, 23 55:9



56:2, 16, 23 57:8,  
21 58:14, 18  
62:11, 18 63:4, 11  
64:2, 12, 20 65:6  
**BIA's** 8:14 9:11  
56:14 57:7, 15  
**big** 30:1 41:5  
**biggest** 26:24 61:8  
**Bill** 59:25  
**biological** 57:23  
**bit** 15:15 18:21  
**Black's** 20:22  
**blank** 45:9  
**blasphemous**  
43:20  
**blend** 3:4  
**block** 61:7  
**BMPs** 31:13 64:1  
**board** 61:23 62:4  
**Bob** 17:25 18:7  
25:15, 18 29:9  
34:13, 16  
**boggles** 23:23  
**boiler** 32:6, 14, 17  
**bolstered** 10:10  
**Boone** 47:19, 20,  
21, 22 68:18, 20  
**born** 33:24  
**boss** 23:7  
**bought** 35:3, 11  
67:16, 17  
**brave** 3:3  
**brief** 4:22, 23, 23  
**briefly** 5:5  
**bring** 27:9 34:14,  
19 67:24  
**broker** 41:9  
**brought** 34:25  
**bug** 66:23  
**bugs** 16:23, 23  
**build** 43:9  
**built** 15:23  
**built-in** 26:4  
**burden** 24:7  
**burdens** 51:23  
**Bureau** 2:3 11:13  
15:8 19:6 46:10  
**burying** 23:20  
57:24 58:8

**business** 36:18  
43:18 56:21 64:9  
66:16  
**busy** 23:10  
**buy** 12:4 28:1  
67:22  
< C >  
**cakewalk** 24:13  
**call** 38:15 39:1, 7  
40:16, 25 42:13,  
24 45:9  
**called** 22:20  
26:16 33:22  
42:21, 22 45:22  
46:11  
**capability** 21:15  
**capital** 37:8  
**capture** 3:16  
**carbon** 32:16  
**care** 17:5, 9 38:8  
39:7  
**career** 18:17  
**carry** 10:20 19:8  
25:12 48:6 57:21  
**case** 4:12 5:13  
15:12 20:17 31:3  
46:9, 9, 12 47:4  
63:17  
**categorical** 43:22  
**category** 40:7  
**cattle** 57:3  
**cause** 14:5  
**caused** 22:5  
23:16 24:25  
**causing** 21:21  
25:2  
**Center** 70:5  
**centuries** 66:19  
**CEQ** 53:3  
**certainly** 60:2  
**CERTIFICATE**  
70:1  
**certified** 25:25  
26:2 70:4  
**certify** 70:5  
**cetera** 43:21 57:5  
**CFRs** 63:20  
**chair** 61:24

**Chairman** 7:21  
8:8 12:13 33:14  
42:9 62:6  
**challenge** 28:2  
**chance** 66:14  
**changed** 16:18, 21  
**changes** 56:19  
**Chaparral** 46:11  
47:6, 7  
**chapters** 16:17  
**Charles** 46:5  
55:21  
**cheaper** 32:12  
**cheat** 2:20  
**checks** 61:2  
**chickens** 7:14  
**Chief** 7:19  
**Chief's** 62:1  
**children** 12:9  
**Chuck** 2:20  
**circumstances**  
23:16  
**citizen** 11:8  
**Civil** 12:2  
**Clan** 46:1  
**clarification** 63:21  
**clarify** 53:3 67:6  
**clean** 24:19 29:13  
51:25  
**cleaned** 38:10  
39:1  
**cleaning** 39:10  
**clear** 28:22 51:10  
**Clinton** 10:7  
**close** 14:20, 23  
64:21  
**closing** 12:1  
28:17 66:25  
**cloud** 34:10  
**Code** 5:19  
**Coffeyville** 21:10  
**Coke** 28:1  
**collaboration**  
10:14  
**columns** 6:13  
**combination** 58:7  
**come** 3:2, 13 4:20  
13:14 14:2 16:6,  
24 26:17 30:23

34:21, 23 35:12,  
22 39:1 40:2  
43:3, 14 49:7  
55:1, 6 61:9  
**comes** 4:12 46:1  
54:23  
**coming** 17:1  
33:10 34:12 69:1  
**comment** 12:16  
33:5, 6, 12 35:14,  
25 36:6 40:11  
43:15 45:2 67:25  
**comments** 3:8  
8:2 12:14 19:13  
29:10 32:21 33:7  
36:9 37:2 42:11  
59:20 62:4 68:2,  
6  
**commission** 40:14  
59:5, 6, 11  
**committed** 10:13  
38:13  
**committee** 5:14  
52:8, 10, 16 53:17  
**committees** 5:17  
**common** 6:20, 24  
**communicating**  
43:19  
**companies** 26:24  
30:14 40:24 61:7  
**company** 29:20  
46:11 62:2  
**compared** 24:13  
29:23 41:12  
**comparison** 24:9  
**competitive** 57:20  
**compiling** 25:22  
**complete** 57:2  
**completed** 20:7, 24  
**completing** 35:17  
**compliance** 47:5  
57:18  
**comply** 8:11, 14  
**complying** 10:2  
**component** 62:20  
**components** 20:18  
**concern** 15:16, 25  
16:23 47:12 61:8  
64:9

**concerned** 16:2, 5  
61:20  
**concerns** 7:15  
11:7 17:11  
**concise** 39:13  
**CONCLUDED**  
69:2  
**conclusion** 67:25  
**conditions** 23:1,  
16 44:22  
**confirmation** 43:25  
**conflict** 26:5, 5  
**conflicting** 68:16  
**confusing** 12:20  
**confusion** 23:15  
**Congress** 65:13, 14  
**Congressman**  
45:21 67:6  
**conscious** 34:22  
**consequences** 5:24  
6:4, 8, 9  
**conservation** 24:8  
62:24  
**conservative**  
19:20 20:20 21:1,  
4, 13  
**consider** 43:21  
45:8, 12 50:3  
56:16 58:20  
**considered** 29:20  
58:10 62:11  
**Considering** 21:3  
58:24  
**consistency** 64:16  
**consistent** 56:8  
**consistently** 19:2  
**constituency** 48:20  
**constituents** 48:8  
**constitute** 70:6  
**constitutional**  
66:15  
**constructive** 29:11  
**consult** 10:22  
**consultation** 8:14  
10:5, 8, 13 11:2, 4,  
9 57:25 64:25  
**consulted** 10:17  
**contentious** 56:14

**continual** 27:2  
**continuation** 56:21  
**continue** 12:16  
**continued** 2:10  
23:15  
**continues** 64:6  
**continuing** 38:13  
**contractor** 2:25  
9:8  
**contracts** 24:23  
**Control** 57:10, 12  
**convince** 31:19  
34:22  
**cooked** 53:23  
**cookie** 41:12  
**cooperating** 11:14  
16:15 36:4 48:11  
53:5 58:19  
**cooperation** 37:16  
65:17, 19 67:1  
**copies** 32:16  
**copy** 36:5  
**cores** 33:25  
**Corporation** 59:5,  
6, 11  
**correct** 13:11  
49:16 70:7  
**corrected** 67:20  
**correction** 56:4  
**cost** 20:21, 25  
29:22, 23 41:20  
**costs** 30:11 58:11  
**Council** 8:8 10:5  
11:3, 8, 10, 18, 23,  
23 12:10 16:16  
42:4 45:21 47:23  
48:10, 18, 21  
60:10, 11 62:7  
65:1, 3  
**Councilman** 41:25  
46:7 47:11  
**councilperson**  
48:22  
**Councilwoman**  
47:19 68:18  
**count** 24:9  
**Countermeasures**  
57:11

**counties** 24:11  
36:16 57:21  
**country** 66:12  
**COUNTY** 1:5  
6:1 8:13 15:19  
18:22 19:16 20:2,  
25 22:4 23:17, 19,  
21 24:10 26:17  
27:4 28:16, 20, 21,  
22, 23 33:2 34:21,  
24 35:2, 13, 18, 19  
36:13, 17, 20  
38:11 39:10  
40:19 47:24  
51:25 53:1 56:1,  
24 57:3 59:4, 7  
61:18 62:15, 19  
63:17 70:3  
**couple** 41:3  
**course** 4:16 11:20  
24:16  
**court** 3:6 26:2  
27:7, 8, 10  
**create** 64:15  
**creating** 25:3  
**creek** 39:16 44:23  
**creeks** 57:4  
**crowd** 2:8  
**crude** 21:9  
**Crum** 48:18, 19, 21  
**CSR** 1:25 70:18,  
19  
**Cultural** 70:5  
**cumulative** 21:6  
**current** 33:18  
58:2, 6  
**currently** 51:19  
**cut** 51:17  
**cutter** 41:12  
**cutting** 51:20  
**Cynthia** 47:19, 22  
  
**< D >**  
**daily** 27:19  
**Dale** 39:21, 22  
49:6, 7  
**damages** 26:14  
**damn** 47:8

**dance** 32:24  
**Daniels** 2:22  
**date** 11:1 36:24  
**David** 36:10  
**day** 21:5 31:13  
36:21 46:15 54:1  
70:10  
**daylight** 17:9  
**days** 30:21 31:4  
**DC** 29:5  
**deal** 39:7 53:19  
**Dear** 46:1  
**December** 46:13  
54:4  
**decision** 22:5  
35:7 50:3, 15, 23,  
25 51:9, 13 55:13,  
15 63:21  
**decision-making**  
50:22 55:11  
**decisions** 18:23  
**declaring** 10:12  
**deep** 27:6  
**defend** 19:1  
**defined** 63:19  
64:4, 13, 18  
**defining** 59:22  
**definitely** 12:8  
**degree** 40:21  
**deja** 55:21  
**delayed** 58:10  
**delegated** 10:16  
**delisted** 23:19  
**denied** 11:5  
**Department** 2:23  
10:18, 20, 23 11:16  
**depends** 14:22, 25  
15:1  
**deputy** 2:21 4:10  
**describe** 6:7  
56:23  
**description** 16:20  
57:2  
**Despite** 11:12  
**detailed** 13:22  
56:25  
**details** 64:14  
**determination**

15:4 49:15  
**determine** 13:15  
**determined** 16:14  
**determining** 15:6  
**detriment** 37:21  
**devastation** 24:10  
**develop** 8:19  
 39:13  
**developed** 5:23  
 19:2  
**developing** 53:11  
 62:17  
**development** 2:10  
 6:1 19:15 23:18  
 28:11 57:5 59:15  
 62:10, 19 63:1, 2,  
 7, 9, 13 64:24 65:3  
**developmental**  
 59:18  
**develops** 24:6  
**Devon** 22:2  
**difference** 54:9  
**different** 5:15, 21  
 9:15 28:1 30:13  
 41:13 48:20  
**difficult** 36:17  
 59:16 64:8  
**direct** 24:2  
**direction** 51:15  
**directives** 18:24  
**directly** 10:9  
**director** 2:16  
 15:13  
**discretion** 64:2, 11  
**discuss** 7:6  
**discussion** 24:1  
 45:18  
**dismissed** 22:6  
**disproportionate**  
 24:7  
**disturbed** 6:6  
**Division** 2:5  
**document** 8:17  
 13:23 32:7, 19  
 33:17 44:17  
 45:10 50:19  
 58:18 62:23  
**documentation**

55:8 63:14  
**documented** 64:13  
**documenting** 55:6  
**documents** 3:21,  
 22  
**doing** 4:16, 17  
 14:23 15:16 26:8  
 30:17, 24 38:12  
 40:12, 20, 24  
 49:16 50:4, 17  
 55:9  
**Dollar** 40:3, 4  
**dollars** 37:8  
**Donelson** 22:4  
 24:1  
**double** 21:24  
**doubt** 21:22  
 36:17, 19  
**dozer** 26:13  
**Dr** 60:18  
**draft** 8:10, 16, 18  
 9:14, 22 16:8  
 31:2 33:7 48:9,  
 17 58:1  
**drafted** 36:7  
**dragoons** 42:20  
**drill** 30:25 31:5,  
 14, 24 34:17, 23  
 35:3, 8, 12 41:5,  
 21 44:4 45:5  
**drilled** 20:2, 7, 11,  
 24 21:7 22:9  
 47:25  
**Drilling** 14:24  
 20:4, 5, 10 24:23  
 29:24 35:17  
 36:19 41:4 44:19  
 46:14, 19, 25  
 49:22 54:15 58:4  
**dropped** 20:4, 5, 6,  
 8, 10  
**dropping** 20:16  
**drove** 12:2  
**due** 8:11 23:15  
**dug** 6:6  
  
 < E >  
**EA** 12:19 13:1, 5,  
 10, 23 14:4 22:6

31:2, 3 43:23  
 44:20, 21 46:16  
 49:16, 22, 25  
**earlier** 48:10  
 49:14 51:16  
**easily** 21:25  
**Eastern** 2:3, 14  
**easy** 28:7  
**eat** 7:14 45:16, 17  
**economic** 15:18  
 16:1 19:8, 20, 22  
 21:18 24:10  
 25:11 40:12 48:6  
**economically** 24:14  
**economy** 15:21  
 28:20 62:20  
**Eddie** 2:16  
**educated** 66:2  
**effect** 34:1  
**effective** 64:17  
**efficient** 26:8  
**efforts** 49:24  
**EIA** 56:3  
**EIS** 5:6 6:25  
 8:10, 16, 18 9:9,  
 14, 20 12:19, 22  
 13:3, 5, 6, 16, 17,  
 21 14:5 16:8, 13  
 22:7 23:25 25:2,  
 5 29:22 30:8, 17  
 31:2, 3, 7 32:2, 3,  
 8, 18 33:7 35:16,  
 25 43:16, 17 44:2,  
 6, 12, 16, 17, 22  
 45:4 48:9 49:15  
 51:2, 5 53:11  
 56:3, 4 57:14, 19  
 58:1, 17 62:5, 12,  
 13, 25 63:5, 11, 19,  
 22 64:11 65:4  
 68:12  
**EISs** 6:23  
**either** 13:14  
 32:18 33:1  
**elaborating** 59:21  
**elected** 7:18  
 47:22 48:4  
**e-mail** 68:4, 17

**embarrassing** 35:9  
**embrace** 57:16  
**emphasize** 61:25  
**EMPSI** 2:25  
**Encana** 22:3  
**enclosed** 24:3  
**encompass** 9:1  
 48:24  
**encourage** 39:5  
**encouraged** 58:14  
**encouraging** 60:4  
**endangered** 7:2  
 24:5 44:24 57:22  
**endeavor** 59:19  
**Energy** 61:24  
 62:19 63:2, 6, 13  
**enforce** 25:4  
**enforceable** 58:6  
**engage** 10:4, 8  
**Engineering** 29:19  
**enhance** 19:7  
 25:10  
**enhancement** 37:5  
**enhances** 37:21  
**enlisted** 24:8  
**enriches** 24:15  
**entails** 57:3  
**enter** 11:12  
**environment**  
 13:20 14:12 15:3  
 31:9 56:23 57:3,  
 6 59:12 64:6  
**Environmental**  
 2:5, 11, 23 3:20  
 5:23 6:3, 8, 9  
 12:23 13:1, 13  
 14:15, 16, 17  
 15:17 25:7 30:13,  
 16 37:3 38:8  
 40:9 44:14 50:10  
 51:4, 6 56:12  
 57:1, 8, 16 58:2, 7  
 59:13 60:21  
**environmentals**  
 41:1, 7  
**environments**  
 41:10  
**envisioning** 31:8

**EPA** 57:9  
**EPA's** 57:13  
**Eric** 17:20  
**ESA** 57:25  
**especially** 3:7  
 23:25 63:20  
 65:23  
**establish** 59:14  
**established** 9:18  
 35:1  
**Estate** 8:13, 23  
 9:3, 5 19:1 20:21  
 24:6 25:8 27:4  
 37:6 41:9 48:3,  
 14 49:1, 3 58:13  
 62:10, 16, 18  
 64:18, 25 65:5  
 66:5 67:8, 10, 14  
**esteemed** 13:8  
**esthetics** 56:17  
**estimates** 27:22  
**et** 43:21 57:5  
**etched** 36:8  
**evening** 2:1 55:19  
**event** 70:8  
**Everett** 8:8 42:9  
**everybody** 18:10  
 31:22 37:24  
 65:19, 23 67:2  
**everybody's** 36:9  
**exactly** 39:19 64:4  
**example** 5:24 7:1,  
 2  
**examples** 6:15, 20,  
 21 7:4 50:9, 10, 11  
**excellent** 61:11  
**exceptions** 34:16  
**excited** 35:2  
**excluded** 23:17  
**exclusion** 43:22  
**executing** 58:24  
**Executive** 10:6, 11  
**existing** 56:9, 18  
 57:18 58:5 62:15  
 63:23  
**expects** 11:18  
**expediting** 61:10  
**expensive** 41:11

**experience** 37:13,  
 14  
**expert** 3:1 50:8  
**explain** 59:6  
**exploitation** 37:5  
**exploration** 18:20  
**exposing** 33:11  
**expressing** 58:15  
**extraction** 9:2  
 48:25  
**extremely** 19:19  
 64:15  
**eyes** 18:9 54:16  
**eyes-on** 55:5

## &lt; F &gt;

**fact** 9:7 49:21  
 50:20 53:19  
 67:22  
**failing** 27:6  
**failure** 8:11, 14  
 11:12 26:18  
**failures** 57:13  
**fairly** 6:24  
**fallen** 11:1  
**families** 12:4  
 28:19  
**family** 33:4 47:24  
 61:14  
**far** 16:6 17:1, 22  
 49:6 51:1 61:20  
**farms** 24:18 57:4  
**faster** 31:22  
 32:11 45:15  
**fatally** 8:11  
**father's** 33:4  
**favor** 43:16  
**fear** 34:12  
**feasible** 62:22  
**Federal** 5:19 9:11  
 10:7 15:8 19:13  
 24:4, 12 26:2  
 27:8 56:9 62:25  
 63:3, 9  
**federally** 10:21  
**fee** 67:16  
**feel** 33:15 45:17  
**feels** 51:21

**fiduciary** 11:20  
**figure** 14:4  
**figures** 21:24  
**file** 36:21 54:21,  
 22  
**filed** 37:12 46:10  
**filled** 55:25  
**final** 63:18  
**finalize** 29:10  
**financially** 34:9  
**financing** 34:19  
**find** 17:4 21:9  
**finding** 12:25  
 13:14  
**finish** 22:17, 23  
 30:19  
**first** 7:25 8:6  
 12:5, 17 13:10  
 16:1 18:5 21:5, 6,  
 18 23:3 28:5, 6  
 48:9 49:16 53:20,  
 21 62:11  
**Fish** 30:21 57:23  
**fit** 23:10 40:6  
 65:4  
**five** 27:11 31:11  
 32:15 36:14  
 41:22  
**fix** 51:5  
**flagpole** 50:1  
**flawed** 8:11  
**floods** 66:20  
**floor** 22:21, 22  
**flow** 31:8  
**flurry** 6:2  
**focused** 22:24  
 56:1  
**folks** 2:9 41:11  
 60:2, 3  
**follow** 26:18 46:6  
**FONSI** 49:23  
 50:1  
**forecast** 59:22  
**forecasts** 59:18  
 60:6  
**foregoing** 70:5, 6  
**foremost** 62:11  
**forever** 61:21

**forget** 3:10  
**forgot** 17:19  
**forgotten** 4:1  
**Form** 30:19  
**FORMAN** 18:4, 5,  
 6, 8, 13, 14 22:17,  
 19, 21, 24 23:12  
 25:21 67:5, 15, 23  
**formations** 34:2  
**former** 60:10  
**formulate** 63:11  
**formulated** 62:14  
**forth** 4:13  
**forum** 20:23  
**forward** 5:22  
 19:16 27:7 29:11  
 37:25 44:4 48:15  
 55:10  
**found** 23:7  
**four** 27:10 42:10  
 49:22 50:4  
**frac** 30:3, 5, 7  
 33:25  
**fracking** 33:22  
 34:3  
**fractured** 33:23  
**fractures** 34:2  
**friend** 58:22  
**Frizell** 46:13  
 51:10  
**front** 7:22 63:19  
**Fs** 26:22  
**fulfill** 11:18  
**full** 4:11 31:4  
 57:15 59:14 70:7  
**fundamental** 37:4  
**further** 59:21  
**future** 59:14, 17  
 64:10

< G >

**Galen** 48:18, 21  
**gallons** 30:3, 6  
**game** 34:18 52:6  
**GAS** 1:5 2:12  
 3:20 5:22 8:24  
 18:18 19:15 20:9,  
 18 21:17, 23  
 23:22 24:6, 16, 17

25:24 26:1, 7  
 27:1, 21 28:12, 13,  
 21, 24 36:18 53:1  
 56:1, 3, 7 59:4, 15,  
 23 63:1 64:5, 8  
 67:16  
**gate** 12:3 50:2  
**gather** 58:16  
**gathering** 18:18  
**geared** 6:8  
**General** 42:18, 19  
**generation** 33:2  
**generic** 39:14  
**generous** 66:8  
**gentleman** 35:10  
 46:8 67:10  
**gentlemen** 25:20  
 42:16  
**Geological** 28:10  
 58:23 59:3  
**geologist** 26:1  
 28:6  
**geology** 16:20  
**George** 40:23  
**getting** 23:14  
 28:11 60:16  
**gigantic** 30:1, 7  
**give** 2:19 7:3  
 60:5, 15  
**given** 5:1  
**glad** 27:24  
**go** 4:24 5:10 8:1  
 13:2 14:16, 16  
 21:19 23:6 25:16  
 30:18 31:4, 7, 24  
 32:11, 12 33:17,  
 19 34:4, 5 37:7  
 44:4, 12 49:15  
 53:22 55:4  
**goal** 31:9 52:4, 5  
**goes** 65:25  
**going** 2:7 3:7, 13  
 4:13, 15, 18, 23  
 5:19, 23 6:12 7:1  
 10:2 12:11, 16  
 14:19 15:16, 19,  
 23 16:7, 12, 15  
 17:2, 5, 13, 13, 15  
 18:2 19:16 23:18

25:16 30:4, 25  
 31:17, 23 32:3, 5,  
 24, 25 33:5 35:18,  
 23, 24 37:25  
 40:15 43:24  
 44:12, 18, 19 45:8,  
 16, 17 49:6 50:5  
 51:21 52:9, 14, 19  
 55:10 59:25  
 60:14 61:21 68:2,  
 4  
**Good** 2:1, 8, 9  
 7:14 30:24 31:5  
 34:22 47:21  
 55:18  
**gotten** 51:1  
**governing** 8:22  
**government** 50:15,  
 24 66:1, 3, 6, 12  
**governments** 10:16  
**government-to-gove  
 rnment** 10:5, 23  
 11:9  
**grades** 27:6  
**grandchildren**  
 12:9  
**grandmother** 12:7  
**graveyard** 61:14,  
 14  
**great** 12:6, 6  
 17:17 24:25 60:1  
 66:22  
**greatest** 66:21  
**Greenbrier** 41:4,  
 12  
**gross** 28:25  
**group** 45:13  
**guess** 14:4 18:10  
 32:1, 20 37:23  
 43:22  
**guidance** 6:22  
**Guidelines** 10:15  
**guy** 55:6  
**guys** 16:10 18:9  
 30:20 31:19  
 34:16 50:18 52:7  
 53:19

< **H** >  
**H-15** 40:13  
**H-15s** 40:17  
**HALE** 2:1, 2, 19  
 4:5, 7 5:2, 3, 7  
 6:15, 17, 19 7:9,  
 11, 24 8:3, 5  
 12:13, 23 13:8  
 14:2 16:12 17:16,  
 19, 24 18:3, 6, 12  
 23:11 25:15, 18  
 29:9, 16 32:23  
 36:2 37:24 39:21,  
 24 40:2 41:25  
 42:11 44:11 45:2  
 47:17, 19 49:5, 10,  
 18 52:3, 10, 15, 21,  
 24 53:3, 8, 17  
 55:18 59:24  
 60:24 61:22 65:8  
 67:4, 24 68:13, 16,  
 21, 24  
**half** 30:5 53:23  
**hand** 3:12 37:7, 7  
 65:9 66:11 70:10  
**handed** 45:11  
**handing** 3:23  
**hands** 34:17 35:7  
 68:1  
**hanging** 35:20  
**happen** 13:12  
 36:22 44:6 45:6  
**happened** 19:18  
 47:11 48:9 51:10  
**happening** 15:20  
 17:6 44:10  
**happiness** 66:17  
**happy** 2:5 22:18  
 68:21  
**hard** 15:3 34:9  
 36:5 38:8 50:16  
 51:4, 11 54:24  
 55:12  
**harmed** 34:13  
**harvesting** 30:10  
**Hayes** 22:20 46:9,  
 9 47:6 50:23  
 51:9 54:3

**Head** 9:3 18:15,  
 22 25:6 42:6  
 43:8 48:2, 4 49:1  
 65:12 67:11  
**heads** 43:24 45:6  
**hear** 3:15 7:12  
 18:10, 11, 14 37:9  
 60:4, 13 65:17  
**heard** 7:13 46:12  
 49:13  
**hears** 39:6  
**heavy-handedness**  
 27:12, 14  
**held** 62:16  
**help** 32:20 38:16,  
 23 39:2 61:20  
**helpful** 47:15  
**helps** 61:18  
**hereunto** 70:10  
**hey** 53:22 55:7  
**Hi** 33:1 60:9  
**high** 5:25  
**higher** 15:11  
**highest** 8:23  
**highly** 58:2  
**historically** 62:21  
**history** 42:12  
 45:21 65:25 66:8,  
 12 67:12  
**hit** 28:23 34:9  
**Hobbs** 41:2, 12  
 **HOLDERS** 9:4 42:6  
**Hominy** 65:11  
**hoops** 31:25  
**hoped** 48:10  
**hopefully** 16:16  
 36:2 44:15 68:3  
**hoping** 43:17  
**horizontal** 20:3,  
 19 21:14, 24  
**horizontals** 30:1, 2  
**horse** 24:12  
**House** 36:10, 11  
 37:25 38:19, 22  
**households** 24:16  
**HPP** 18:24 19:18  
**huge** 15:21 54:9  
**human** 13:20  
 14:12



**hundreds** 23:13  
24:15 39:4  
**Hunter** 60:18  
**Hydration** 29:19  
**hydraulic** 33:23

< I >

**idea** 31:5  
**identified** 48:18,  
22 56:19  
**identify** 5:20  
**ignore** 16:8  
**ignored** 37:24  
**ill** 57:15  
**ill-conceived** 23:25  
**impact** 2:11 3:20  
12:25 13:1, 15  
14:10, 14, 17  
15:17, 18, 21  
19:20, 21, 22, 22  
21:18, 20 25:7  
37:3 51:4 57:1  
59:13  
**impacted** 18:23  
23:21, 23  
**impacts** 7:2, 2  
10:1 13:19 14:8,  
9, 18 50:10 57:3  
62:8 64:22  
**impairing** 24:7  
**imperative** 62:13  
**implement** 11:16  
25:2  
**implementation**  
64:10, 14, 17  
**implications** 10:25  
**implying** 51:18  
**importance** 61:16  
**important** 4:15  
**importantly** 62:16  
**imposes** 8:20  
50:19  
**improve** 19:9  
25:13 29:12  
31:21 48:7  
**improvements**  
32:13 56:11  
**inactive** 38:25

**inadequate** 38:4  
**inception** 46:14  
**Incidentally** 27:9  
**include** 20:17  
21:14, 16 53:8  
56:10  
**included** 5:2 6:24  
57:7 64:11  
**including** 24:23  
**inclusive** 7:5  
**income** 27:17  
**incomes** 24:15  
28:19  
**incoming** 28:3  
**incorporate** 9:11  
44:14  
**incorporated**  
57:14 59:8  
**increasing** 22:10  
**independent** 62:2  
**independents**  
34:15  
**Indian** 2:3 9:7,  
14, 17, 19 10:9, 10,  
21 11:13 19:6, 10  
24:3 25:13 35:2  
46:11 47:5 66:4  
**Indians** 19:10  
25:13  
**industry** 18:20  
23:22 24:6, 14, 16,  
17 26:11 27:3  
28:15 36:25 56:1  
**inefficiencies** 25:1  
**infant** 45:13  
**information** 19:14  
32:6 58:16 60:6  
**informed** 50:15,  
22, 25 51:13 55:13  
**initial** 8:10, 18  
21:4 36:6  
**initiate** 11:4  
**initio** 46:25 54:4,  
9  
**injection** 6:5  
57:12  
**input** 4:15 52:13,  
15 53:12

**instrument** 35:9  
**integrates** 63:23  
**intends** 11:12  
**intent** 63:18  
**interest** 9:17  
58:15 65:20 67:2  
**interested** 70:8  
**interests** 9:21  
11:7 29:21  
**Interior** 8:21  
10:19, 20, 24  
**interject** 19:20  
**interpretation**  
64:19  
**introduce** 11:22  
**invalid** 46:14, 16,  
25 54:6, 8, 10  
**invented** 33:23  
**investigator** 40:21,  
23  
**investment** 20:13  
21:2 25:22 57:21  
**invite** 52:9 60:2  
**involved** 45:14  
65:23 66:10 67:3  
**involves** 59:16  
**issue** 17:2 18:12  
**issued** 37:10  
**issues** 33:18 51:6  
56:5, 13, 14  
**item** 12:1  
**its** 8:11, 12, 15  
9:8 10:20 11:1,  
18, 19 13:17, 23  
20:18 23:18  
26:18 35:4 57:21  
62:21 65:6

< J >

**Jackman** 18:1, 2,  
5 25:17, 18, 19  
29:13 34:13  
**jackrabbits** 41:6  
**Jamie** 49:12 52:3  
55:1  
**Jeannine** 2:2 5:1  
13:14 25:19 29:2  
50:12  
**Jerk** 47:18

**Jessie** 39:22, 23,  
25 49:9  
**Jill** 61:23  
**job** 55:9  
**jobs** 30:7  
**John** 45:21 65:10  
**join** 26:10  
**joint** 22:7  
**Jones** 29:1 61:23,  
23  
**Judge** 46:12  
**July** 20:7, 14  
21:3, 11  
**June** 22:5

< K >

**Kaiser** 40:23  
**Kansas** 22:7  
**Keener** 29:17, 18,  
18  
**Keep** 21:21 22:9  
28:4  
**keeping** 17:9  
**key** 10:2 24:20  
28:11 65:21  
**kick** 12:19  
**kicked** 13:6  
**Kill** 66:24  
**kind** 6:17 13:22  
15:5 51:21 52:7  
**knew** 42:17 55:15  
**knife** 42:22  
**knives** 42:14, 14  
**know** 3:9 7:18  
16:5, 7 17:25  
18:16, 21 23:4, 14  
26:15 27:18 29:5  
30:9, 22 33:22  
34:3, 17, 19, 20, 22,  
24 35:4, 9, 11  
38:2, 3 39:19  
40:4 41:19 44:23  
45:13 53:23 55:3  
60:2 61:9, 12, 13  
66:1, 1, 4, 6, 7  
67:13, 13 68:17  
**known** 18:7 23:4,  
9

**knows** 23:5 52:25  
**Kokinos** 2:18, 18  
**Kristen** 2:17  
  
 < L >  
**lack** 55:8, 9 64:14  
**ladies** 25:20  
**lake** 14:20, 23  
**land** 30:15 38:5,  
 21 45:24, 25 46:3  
 63:6 67:18  
**landowner** 16:4,  
 25 17:11 30:15  
 40:5 47:23 61:13  
 65:12  
**landowners** 38:14  
 39:4  
**lands** 8:13, 22  
 9:7, 7, 10, 13, 14,  
 16, 17, 19, 20  
 62:25 63:3, 3, 9  
**language** 42:2, 13,  
 23 43:21 45:23  
 46:3 60:12  
**large** 42:13  
**laughing** 45:11  
**law** 5:8 11:17  
 56:9  
**laws** 25:3 43:1  
 56:18 57:18 58:5  
**lawsuit** 18:24  
 19:18 22:4, 20  
 24:1 46:10 47:3  
 54:3  
**lawsuits** 47:14  
**lease** 27:18 30:15  
 35:3, 3, 6, 11 44:2,  
 5, 8, 17 45:3  
 46:13, 18, 24, 24  
 47:9  
**leases** 8:22 24:23  
 47:14 60:22  
**leasing** 24:21  
 44:15  
**leave** 4:19 12:12  
 45:9  
**Leavenworth**  
 42:18

**leaving** 35:19  
**left** 12:3 64:19  
**legitimate** 7:15  
**level** 19:15  
**lies** 62:18  
**life** 19:7 25:11  
 31:18 66:15  
**light** 23:25 49:21  
**limitations** 56:14  
**line** 34:5, 6  
**line-by-line** 33:18,  
 19  
**link** 68:14  
**list** 7:7 19:21, 24,  
 25 29:17 33:5, 13  
 50:12  
**listed** 12:17  
**literally** 45:15  
**little** 17:3 18:21  
 42:12 68:7  
**live** 16:4 31:18,  
 23 35:15, 15, 16  
**livelihoods** 28:20  
**lizard** 41:3  
**LLC** 61:24  
**location** 15:2  
 54:16  
**long** 18:7 23:4  
 34:7 42:14, 22  
 66:3  
**look** 5:21, 23, 25  
 6:7, 12, 25 7:1, 6  
 16:17 20:20, 20  
 21:13, 20 26:20  
 27:7 48:15 50:17  
 51:4, 9, 12 54:16,  
 24 55:12  
**looked** 21:22  
 50:21 51:7 54:21  
 55:2, 7  
**looking** 7:4 31:18  
 41:3, 5 50:19  
 65:8  
**looks** 2:8  
**loop** 60:12  
**loss** 21:10 27:22  
**lost** 20:13 21:12  
 24:20 25:23, 23,  
 24 27:25

**lot** 2:8 15:1 17:7  
 31:22 32:4, 17, 20  
 34:7, 15 42:16  
 50:11 54:10  
 60:20 61:6, 9  
 65:18 66:19 67:1  
**lots** 26:15 30:9  
**love** 31:7 39:1  
  
 < M >  
**mail** 68:4  
**main** 29:21  
**Maintaining** 27:15,  
 16  
**Major** 29:1  
**Maker** 65:10, 10  
 66:25 67:6, 12, 17,  
 20  
**making** 5:6, 13  
 34:2  
**manage** 9:17 64:5  
**managed** 9:15  
 50:18  
**management** 9:19  
 22:8 29:4 64:16  
**mandated** 10:7  
**maneuvers** 42:25  
**manner** 26:8  
 51:17, 19  
**Manual** 10:19  
**March** 21:11  
**marked** 26:21  
 48:14  
**marketing** 18:18  
**MARY** 1:25 3:7  
 70:4, 18  
**matter** 11:17  
 32:19 36:23  
**Mattson** 55:20, 20,  
 22 68:11, 15, 23  
**maximize** 9:1  
 48:24  
**McCarter** 2:24  
**mean** 31:2 32:14  
 36:19 38:23  
 39:15 50:2 52:2  
 53:10 67:8  
**meaningful** 10:8,

13  
**meanings** 39:15  
**means** 8:25 26:9  
 32:11, 12 54:10  
**meant** 7:3 63:14  
**measures** 9:24  
 57:16 62:7, 24  
 63:16 64:5, 10, 21  
**meet** 42:8 65:6  
**MEETING** 1:6  
 2:6 11:3, 11 23:5,  
 6, 11 25:6 35:24  
 36:3 49:9 63:12  
 68:12 69:2 70:5,  
 7  
**meetings** 11:5  
**member** 18:15  
 40:6 42:3 60:10  
 61:25 65:11  
**Memorandum**  
 10:11 48:12, 16  
 52:18 58:24  
**mention** 17:19  
 33:21  
**mentioning** 46:8  
**messenger** 29:2  
**met** 11:10 36:3  
**Mexico** 40:8 41:2  
**Michael** 3:3  
**microphone** 3:14  
**midcourse** 56:4  
**Mike** 20:21  
**Miley** 3:3  
**million** 21:2, 6, 12,  
 12 24:19 27:24  
 30:2 38:11 39:8  
**Mills** 36:20  
**mind** 21:21 23:24  
**Mineral** 66:4  
**Minerals** 8:8, 12,  
 23 9:2, 2, 5 10:4  
 11:2, 7, 10, 18  
 16:16 19:1 20:21  
 23:18 24:5 25:7  
 27:4 37:6 42:3  
 47:23 48:3, 10, 14,  
 18, 20, 22, 25, 25  
 49:3 58:12 60:10,  
 11 62:7, 10, 16, 18

64:18, 24 65:1, 3,  
5 67:8, 10, 14  
**minimize** 9:25  
**minimum** 19:19  
20:17 21:10  
**minute** 2:7 18:8  
**minutes** 53:24, 25  
**mismanagement**  
28:25  
**missed** 21:2 65:9  
**mission** 19:5, 7  
25:10 26:6, 6, 18,  
21 27:15 48:5  
**Mississippi** 40:8  
**mistakes** 51:25  
**misunderstood**  
52:11  
**MIT** 40:17  
**mitigation** 9:24  
56:16  
**modernizing** 36:23  
**molehill** 51:8  
**Molly** 2:24 7:17  
**money** 25:23  
26:16 34:14, 14,  
18, 21, 24 67:9  
**Montgomery** 42:19  
**month** 23:5 40:13  
**monthly** 21:8  
**months** 31:12  
39:3 41:22  
**moronic** 28:25  
**Morris** 59:15  
**mother's** 33:3  
**MOU** 11:13  
**mountain** 51:9  
**mountains** 24:25  
**move** 43:18  
**moving** 5:21  
29:11  
**multiple** 39:15  
53:12  
**Multiply** 21:8  
**Muskogee** 2:2  
29:5  
**Myron** 60:8, 9

< N >

**name** 2:2 18:14  
33:1, 4, 12 35:1  
42:4 45:23, 25  
47:21 49:11, 12  
55:19, 20, 22 60:9  
**Nation** 18:15  
37:6, 18 43:12  
48:19 49:3 61:24  
62:2, 3, 21 65:1,  
13 66:18, 22  
**native** 42:2, 13, 23  
45:23 46:3 60:11  
**natives** 19:11  
25:14  
**natural** 18:18  
20:18 21:17, 23  
**necessarily** 7:5  
**necessary** 18:25  
25:8 56:24 59:14  
**need** 7:6 9:25  
13:15 37:15  
39:11, 13, 18  
41:19 51:16, 17  
56:23 61:19  
65:18  
**needed** 17:22  
**needs** 13:25  
20:14 21:19  
33:20 34:6 38:25  
61:4 63:20 65:20  
**negative** 30:22  
**negatively** 18:23  
23:21  
**negotiated** 5:5, 13  
**negotiating** 48:15  
**negotiations** 65:21  
67:3  
**Neil** 58:22 59:15  
**neither** 9:12, 13  
**NEPA** 3:1 8:16,  
17 10:6, 15, 18  
11:14, 16, 20  
13:12, 21 47:5  
50:14, 14, 20, 23  
51:7, 8 54:19  
55:7, 12 57:2  
**never** 15:22 40:9  
55:1 66:20  
**nevertheless** 59:17

**new** 8:16, 16, 17  
16:12 21:6 25:3  
31:18 32:13  
33:10, 21 34:3, 21  
35:24 39:13 40:8  
41:2 48:16 50:23  
58:9  
**newbie** 36:12  
**nice** 54:1  
**nitpicking** 17:4  
**nitroglycerin** 33:25  
**noise** 56:17  
**Nona** 12:17 17:24  
**nonprofit** 55:24  
**nonprofits** 53:8  
**normal** 22:12  
30:6  
**note** 19:13 27:9  
**notes** 3:7 25:22  
**number** 2:13  
6:23 20:4, 7  
23:19, 20 26:22  
29:6 38:4 43:15  
**numbers** 24:9

< O >

**Obama** 10:10  
**obligation** 57:22  
**obligations** 11:19  
**OBSERVER** 4:4,  
6 5:4 6:11, 16, 18  
7:8, 10 22:16, 23  
29:15 38:17, 20  
46:20, 23 47:2, 8,  
18 55:1 66:24  
**obstruction** 27:2  
**obtain** 68:11  
**obviously** 15:20  
**occasion** 28:5  
**occasionally** 35:10  
**OERB** 38:10, 15  
39:1, 5, 7  
**offer** 52:19  
**office** 2:2, 4, 15,  
15 29:5 46:6  
62:1  
**official** 47:22  
48:4 56:25 70:10

**officials** 7:18  
10:14  
**OGS** 58:24  
**Oh** 38:22 51:11  
53:22  
**Ohio** 40:8  
**OIL** 1:5 2:11  
3:20 5:22 8:24  
19:15 20:9 21:7  
23:21 24:6, 16, 17  
25:24, 25 26:7, 24  
27:1 28:11, 12, 21,  
23 30:15 36:15,  
18 40:24 46:11  
47:25 53:1 56:1,  
3, 7 59:4, 14, 22  
61:6 63:1 64:5, 7  
67:16  
**oilfield** 40:7  
**Okay** 5:7 6:11,  
16 7:10, 20 13:16  
15:14, 15 16:23  
18:3, 10, 14 25:18  
38:4, 22 40:3, 17  
46:19 50:13  
54:19 60:1, 8  
67:20  
**OKLAHOMA**  
1:16 2:4, 14 21:9  
22:7 24:11 28:10  
33:3 36:16 39:9  
40:17, 22 58:23  
59:5, 6, 11 65:11  
70:2, 4  
**old** 16:9, 13  
32:15 33:22 35:4  
38:25 39:10  
**OMC** 11:12  
**once** 18:25 31:1, 3  
**one-minute** 17:21  
**ones** 35:20 67:22  
68:3  
**onion** 32:16  
**online** 36:21  
40:14, 18  
**OPA** 58:14 59:18  
**open** 28:12 36:8  
**operate** 51:16



operated 19:2  
38:3  
operating 51:19  
62:22 64:6  
operations 22:9,  
11 56:2 64:8  
operator 36:18  
38:17, 21, 23  
operators 25:25  
27:1  
opinion 63:4  
OPM 34:14  
opportunities  
53:12  
opportunity 11:25  
19:8 20:14 25:11,  
24 33:13 35:21  
48:6  
opposed 5:6 6:9  
Order 10:7, 11  
11:4 24:3 46:22  
47:13 59:12, 13  
65:5  
organization 55:25  
organizations 53:9  
OSAGE 1:5 2:12,  
14, 22, 23 3:20  
8:8, 12, 13, 22, 23  
9:2, 3, 4 10:4  
11:2, 7, 10, 17  
17:13, 16 18:15,  
22 19:15 20:2, 9,  
21, 25 22:4, 25  
23:17, 19, 21  
24:10 25:6 26:17  
27:25 33:1, 2  
35:2, 13, 19 36:13  
37:6 38:5, 11  
39:9 40:19 42:3,  
6 43:8 45:9, 12,  
20, 25 47:23, 23  
48:3, 10, 13, 18, 19,  
20, 22, 25 49:1, 2,  
3 50:8 52:19  
53:1 55:23, 24  
56:1, 3, 24 57:2, 6,  
19 58:12, 17 59:4  
60:10, 11 61:2, 19,  
24, 25 62:2, 10, 15,

16, 19, 21 63:7, 13,  
17 64:2, 12, 17, 24  
65:1, 1, 3, 5, 10, 11,  
13, 24 66:2, 7, 18,  
22  
Osages 12:8  
42:24 43:2 45:24  
ought 51:24  
outcome 63:19  
65:22, 22  
outlined 42:10  
outlining 63:25  
outside 34:14, 19  
59:7  
overcome 37:3  
overreaching 22:1  
overseer 45:24  
owed 62:9 64:23  
owned 30:15 43:5  
owner 18:15, 23  
25:6 48:2 65:12  
owners 9:21 43:8  
48:4 49:2 66:16  
  
< P >  
P.M 1:15 69:2  
pace 22:10  
page 23:1 48:21  
pages 32:6, 14  
34:7 41:16, 17  
70:6  
paper 32:16  
paperwork 24:25  
paragraph 12:5  
54:20, 22  
paragraphs 30:9  
parallel 30:24  
31:6, 10  
parameter 14:15  
Paraphrasing  
59:15  
pardon 23:20  
part 3:8 15:24  
16:1 21:22 27:11,  
15 55:4, 8 65:2  
participant 58:18  
participate 58:21  
59:12, 20 60:5

participating  
59:11  
participation 2:10  
particular 14:13  
44:21  
parties 70:8  
partners 10:17  
62:22  
party 9:8  
passes 24:18  
pastures 24:13  
path 25:9 44:13  
patience 26:25  
Paul 32:23 33:1  
38:1  
PAWHUSKA  
1:16 24:18  
pencil 20:13  
Pennsylvania 30:2  
people 3:1, 3  
12:3, 6 19:3  
26:10 28:9 29:7  
40:16 42:14, 17,  
19, 22 43:6, 11, 12,  
12 45:22 52:18  
53:21 55:17  
60:13, 17 66:1, 2,  
7, 22  
people's 26:15  
34:14  
percent 20:4, 5, 6,  
8 39:9 49:24  
percentage 8:24  
perfect 38:9, 9  
performed 46:18  
period 31:1 67:25  
permanent 37:10  
permit 30:25  
31:5, 14, 24 35:5  
36:19 37:14  
44:19 54:15  
56:10, 11  
permits 20:12  
23:13 24:24  
37:10 44:18  
46:14, 19 47:1, 14  
58:4

permitting 9:25  
20:10 22:25  
24:21 55:5 56:7  
person 12:17  
15:7 17:25 29:16  
44:4  
personally 29:3  
personnel 24:20  
perspective 31:13  
36:10 63:5, 25  
pertains 51:2  
petroleum 26:1  
phase 41:1, 7, 10  
Phillips 4:7  
phonetic 55:21  
pictures 61:15  
pie 53:23  
Pike 42:19  
pile 55:16  
pipe 26:14  
pits 6:6  
place 12:14 33:16  
34:5, 11 54:1  
63:24  
Plan 22:8 27:3  
28:14  
planet 66:5  
plans 10:24 40:7,  
12  
plate 32:6, 14, 18  
57:15  
plats 24:22  
please 11:23 25:9  
43:4  
pleased 39:4 56:2  
58:20  
pleasure 42:5  
plenty 23:9 67:15  
pocket 41:14  
pocketbooks 26:25  
podium 3:14  
point 3:10 4:2  
12:21 35:7 43:10  
49:24 68:5  
pointed 13:14  
points 42:10 52:6,  
6  
policies 11:15

**policy** 10:19  
**politicking** 43:17  
**pollution** 51:18, 20  
**pond** 39:17  
**pool** 30:6  
**positive** 65:22  
**possibility** 14:7  
**possible** 39:18  
 56:6 67:6  
**posted** 3:19 68:8  
**postponed** 11:4  
**Power** 4:2 68:5  
**powerful** 45:25  
**PowerPoint** 5:1  
**practice** 64:7  
**prairie** 7:13  
**precede** 23:24  
**precipitously**  
 20:16  
**precise** 30:12  
**predict** 6:4  
**prediction** 59:16  
**preferred** 8:19, 25  
 9:6, 9, 23 48:23  
**premise** 57:19  
**prepare** 16:12  
 58:16 59:22  
**prepared** 3:18  
 6:22 12:24 13:2  
 32:7  
**present** 35:24  
**presentation** 4:22  
 5:1 33:6 36:5  
**presented** 20:22  
 58:9  
**presenting** 57:22  
**preservation** 37:5  
**President** 10:7, 10  
 55:23  
**Presidential** 10:11  
**pretend** 3:5  
**pretty** 2:8 4:23  
 21:1 34:1 36:11  
 51:25  
**prevalent** 63:7  
**prevented** 58:9  
**Prevention** 57:10  
**previous** 9:14, 22

33:14  
**previously** 62:5  
**price** 21:9  
**prices** 28:21, 24  
**primary** 62:20  
**printing** 41:16  
**prior** 11:4 33:24  
 37:12  
**prioritize** 9:21  
**priority** 63:2  
**private** 30:14  
**probably** 27:23  
 41:13 43:19  
 44:19  
**problem** 16:7  
 17:2, 6 55:6  
**problems** 17:10  
 38:8, 14 40:9  
**procedure** 64:13  
**Procedures** 5:10  
 11:15 58:9 62:24  
**proceeding** 12:15  
**proceeds** 22:11  
**process** 5:9 8:17  
 9:25 10:6, 18  
 11:14, 21 13:22  
 14:6 15:23 26:5  
 29:21 30:8 31:11  
 32:13, 13 36:20  
 39:2 43:16 44:3,  
 10 45:13, 19 55:5  
 56:5, 8 58:1, 7  
 59:7, 9 61:11  
 63:24 64:4, 15  
 65:2 68:9, 25  
**processes** 36:23  
**processing** 18:19  
 56:10  
**produce** 18:22  
 21:14 38:7  
**produced** 21:8  
**producer** 33:3  
 40:5  
**producers** 22:2  
 34:8 37:7 38:7  
 52:20 55:23, 24,  
 25 58:17 61:9, 19  
 65:19

**producing** 19:2  
 21:15 34:2 49:22  
 53:1 58:12  
**product** 18:21  
**production** 18:20  
 20:18 21:4, 5, 24  
 22:10 24:9 26:7  
 27:17 60:6  
**profession** 40:21  
**professionals**  
 21:19  
**profitable** 64:7  
**program** 2:12  
 5:22 24:12 41:18  
**programmatic**  
 44:14  
**programs** 10:16  
 24:24  
**project-by-project**  
 58:8  
**projects** 40:25  
**promote** 19:8  
 25:11 26:7, 9, 16,  
 22 48:5, 7 62:9  
 64:24  
**promoted** 63:10  
**promoter** 28:4, 5  
**promoting** 26:16  
 28:11  
**properly** 24:22  
**property** 43:5  
 47:25  
**proposal** 13:24  
 33:10 59:22  
**proposed** 56:19  
 57:1, 6  
**proprietary** 28:8  
**protect** 19:9  
 25:12  
**proud** 28:18, 19  
**prove** 27:6, 25  
**proven** 27:19  
**provide** 56:20  
**provides** 8:21  
**providing** 56:15  
**provisions** 9:1  
 16:13 48:24 58:3  
**PUBLIC** 1:6 2:6  
 8:9, 13 9:7, 10, 13,

16, 17, 20 11:5, 11  
 12:16 20:22  
 30:14 63:3 67:25  
 69:2 70:5, 7  
**publishes** 40:14  
**publishing** 59:3  
**punished** 52:1  
**purchased** 67:9, 19  
**purpose** 37:4  
 63:12  
**purposes** 63:15  
**pursuant** 8:17  
**pursue** 66:17  
**pursuit** 66:15  
**pushing** 43:17  
**put** 20:13 24:13  
 30:10 32:7 33:4,  
 12 50:12 53:22  
 54:20 68:5  
**putting** 51:3, 23

## &lt; Q &gt;

**qualified** 59:18  
**qualifies** 53:6  
**quality** 13:19  
 14:11, 14 19:7  
 25:11 50:7, 8  
**quarter** 40:15  
**question** 4:12, 17  
 5:4 12:18 13:3, 4  
 40:11 43:23 44:1,  
 25 45:1 54:13  
 60:16, 20 67:5  
 68:9  
**questioned** 60:19  
**questions** 4:14  
 43:15  
**quick** 28:7 56:11  
**quite** 60:12  
**quote** 19:6 20:23  
 27:24 55:21  
 56:25

## &lt; R &gt;

**rail** 50:18  
**railroad** 40:13  
**raise** 3:12  
**raised** 65:9

**ran** 26:13, 23, 23  
**range** 56:5  
**RCMs** 64:1, 10  
**reach** 60:3  
**read** 6:19 41:19  
 45:11 47:2 53:5  
**reads** 14:11  
**real** 12:20 30:8  
 41:9, 11  
**realistic** 65:22  
**really** 3:5 4:12,  
 22 6:2 7:15  
 29:24 30:16, 23  
 31:5, 11 32:3, 10  
 38:7 51:14 60:19  
 62:3  
**reason** 6:21 36:22  
**reasoning** 51:22  
**recall** 43:4  
**received** 27:17  
 33:9  
**recognize** 2:9  
 57:8  
**recognized** 10:21  
**recognizes** 56:2  
**recommend** 59:1  
**record** 8:9 12:15  
 26:20 49:11, 18  
 59:4 63:21  
**records** 27:16  
 28:3, 4, 7, 13 61:1,  
 2  
**recovery** 8:24  
**Red** 17:14, 20  
 37:23, 23  
**Redcorn** 41:25  
 42:1, 4 45:1 46:7  
 47:16 60:9, 9  
 61:8  
**Redcorn's** 47:11  
**reduced** 49:24  
**redundant** 58:2  
**redundantly** 57:16  
**reemphasize** 43:9  
**refer** 43:1  
**references** 48:13  
 63:8, 16  
**referred** 42:6, 23

**reflect** 9:6  
**reflecting** 62:4  
**regarding** 11:11  
 19:14  
**Regional** 2:4, 14,  
 16 15:12  
**registry** 19:13  
**regular** 10:13  
**regulate** 37:19, 20  
**regulation** 25:3  
 34:9, 10 50:24  
 56:9  
**Regulations** 5:20  
 6:10 8:22 17:7  
 22:1 50:20 53:4  
 56:18 57:11, 12,  
 19 58:5 63:23  
**reinforce** 42:9  
 43:1  
**reiterate** 37:2  
 68:1  
**reject** 25:6  
**related** 19:23  
 57:24 62:25  
**relates** 63:20  
**relation** 62:12  
**relationship** 10:21  
 43:2 66:3, 6  
**relative** 70:8  
**relevant** 57:6  
**relied** 46:16  
**rely** 26:15  
**remanded** 47:4  
**remarks** 59:21  
 60:4  
**remediating** 17:1  
**remember** 43:10  
**remind** 4:2 19:5  
 25:10  
**remove** 30:10  
 63:15  
**repeat** 25:5  
**replaced** 25:1  
**REPORTED** 1:25  
 23:13  
**reporter** 3:6  
 27:10 70:4  
**represent** 12:6  
 43:13 48:4

**representative**  
 65:14  
**representatives**  
 5:15 42:7, 17  
**representing** 27:13  
**request** 11:5  
**requested** 19:14  
**requesting** 11:3  
**require** 12:22  
 44:18  
**required** 13:1, 2,  
 10 30:19 44:17  
 63:4 64:17 65:2  
**requirements** 5:11,  
 18 8:15, 20 11:2  
 15:24 23:1 63:12  
 65:5  
**requires** 32:4  
 50:14, 16, 20  
 54:20 56:3, 5  
**reservation** 12:4  
 65:24 67:22  
**resident** 29:20  
**residential** 57:4  
**Resource** 22:7  
 62:24  
**Resources** 21:10  
 22:24 28:12 59:4  
**respect** 11:14  
**respond** 30:22  
**response** 33:9  
 57:14  
**responsibilities**  
 11:19 24:4  
**responsibility** 8:15  
 9:12 19:9 25:12  
 48:7, 13 51:5  
 62:9, 17 64:23  
 65:6  
**responsible** 19:4  
 51:17 56:24  
**rest** 11:22  
**restricted** 11:6  
**result** 8:23 63:22  
**resulted** 57:9  
**results** 62:18  
**retired** 18:17  
**return** 22:11

**Revard** 32:24, 25  
 33:1  
**revealed** 20:10  
**revenue** 66:16  
**reversed** 46:20  
**review** 3:18 63:5  
 68:7  
**reviewing** 28:3  
**revised** 58:16  
**Revolutionary**  
 66:11  
**reworking** 8:18  
**Richard** 2:21 4:9  
 40:3 60:24 61:1  
**richest** 26:24  
**ridiculous** 23:1  
**rig** 24:9 41:4  
**right** 7:22, 22 8:1,  
 3, 4 9:3 15:15  
 16:9, 19, 24 17:15  
 18:15, 22 19:1  
 22:3 25:6 29:16  
 36:7, 8 42:6 43:8  
 46:2, 9 48:2, 4  
 49:1 50:1, 7, 13  
 52:5 63:19 65:12  
 66:17 67:3 68:25  
**Rights** 24:4 66:15  
**River** 17:14  
**Roach** 12:17, 18  
 13:4 14:3, 9, 19,  
 24 15:6, 10, 14  
 16:22 17:17, 23  
**Robin** 4:4, 6, 7  
**robust** 45:15  
**rocks** 16:21, 22  
**ROD** 63:22  
**Roger** 36:20  
**role** 11:20  
**room** 7:19 27:2  
 34:8, 16  
**rough** 27:22  
**route** 50:6  
**routine** 22:9  
**royalty** 21:12  
 25:23 27:21, 25  
**RPR** 1:25 70:18  
**rubs** 52:2

**ruining** 28:19, 20  
**ruinous** 22:5  
**rule** 5:5, 13  
**ruled** 46:13  
**rule-making** 5:9  
**rules** 5:7, 8, 11, 18  
 39:13, 19 64:5  
**ruling** 54:5  
**run** 34:12 41:7  
 49:25 51:14  
 53:20  
**running** 26:13  
**runs** 44:23  
**rural** 57:4  
  
 < S >  
**safe** 51:19  
**sagebrush** 41:3  
**save** 32:4, 17  
**saw** 7:18 55:18  
**saying** 3:16 27:7  
 31:20 45:12 55:7  
**says** 39:6 42:9  
 48:5 51:6, 7, 11  
 54:21 55:12  
 58:18  
**scenario** 6:1  
**scenarios** 5:21  
**schedule** 23:10  
**scope** 59:14  
**SCOPING** 1:6  
 2:6 11:11 69:2  
 70:5, 7  
**score** 52:6, 6  
**screwed** 29:7  
**seal** 70:10  
**seat** 52:18, 22  
 53:10, 15  
**second** 25:21  
 35:8 44:1 46:10  
 54:7, 9 60:11  
**Secretarial** 24:3  
**Secretary** 8:20  
**Section** 10:14  
 57:25  
**sections** 6:24 44:7  
**see** 2:9 3:15  
 4:21 15:18 17:8,  
 23 29:22 30:8

31:7 32:1, 2, 3  
 33:20 35:10  
 37:23 40:18  
 42:16 43:24 45:6  
 48:17, 23 50:1  
 58:22, 23 61:3, 16  
 65:8, 17, 17, 17  
 67:1 68:1  
**seeing** 17:9 51:10  
**seen** 15:22 37:1,  
 22 40:9, 9 41:6,  
 10 68:15  
**sees** 14:13 51:6  
**sell** 26:9  
**send** 54:16 68:21  
**sends** 4:9  
**sense** 41:16 53:20  
**sent** 68:17, 18  
**separate** 5:12  
**September** 20:9  
**serve** 42:5  
**service** 55:25  
 57:23  
**Services** 61:24  
**session** 60:21  
**set** 5:15, 19 6:14  
 18:8 26:14 70:10  
**sets** 6:13  
**setting** 5:18  
**settled** 26:14  
**settlement** 18:24  
 24:20  
**seven** 38:12  
**shaking** 43:24  
 45:7 67:11  
**Shane** 55:18, 20,  
 22 68:10, 13  
**shape** 38:6  
**share** 11:6  
**shareholder** 33:2  
**shareholders** 8:10  
 27:25 34:8  
**sheet** 2:20 3:9  
 7:17 17:21 26:21  
 31:8 39:23 41:18  
**Shelby** 3:4  
**shocked** 19:24  
**short** 11:1

**shortcomings**  
 57:13  
**shorten** 45:14  
**Shorthand** 70:4, 6  
**shot** 61:16  
**show** 18:25 46:22  
 51:24  
**showed** 23:3  
**showing** 23:6, 7  
**shut** 26:9 27:3  
 28:14, 15  
**shuts** 28:8  
**SICKING** 49:12,  
 13, 20 50:13 52:5,  
 12, 17, 22, 25 53:7,  
 14, 18 54:8, 13, 19  
 55:3  
**side** 18:20 27:9  
 33:3, 4  
**sides** 65:18  
**sign** 3:10, 11  
 39:22  
**signed** 39:23  
 46:15 49:6  
**significance** 15:4  
**significant** 12:25  
 13:15, 18, 19 14:8,  
 13, 18 56:4  
**sign-in** 7:17 39:23  
**sign-up** 3:9  
**simple** 26:19  
 67:16  
**simplified** 41:20  
**simply** 63:15  
**Simpson** 2:25  
 13:11 14:7, 10, 22,  
 25 15:8, 12 49:17  
 50:9  
**sing** 32:25  
**sir** 28:1 47:15  
 49:11 52:21, 24  
 67:24  
**sit** 3:2 16:15  
 65:12, 21  
**site** 32:8 44:22  
**sites** 38:11 39:10  
**site-specific** 10:1  
 29:23 30:12 32:4  
 44:5, 9 45:4, 6

46:7, 17 47:12, 13  
 58:2  
**sits** 53:16  
**sitting** 27:1  
**situation** 62:15  
**six** 36:14  
**sixteen** 20:2  
**size** 30:5  
**skin** 32:16 34:18  
**skip** 13:16  
**slide** 50:12  
**slides** 6:11 52:13  
**small** 34:15  
**socioeconomic**  
 19:22  
**soil** 17:1  
**sojourn** 45:24  
 46:3  
**solely** 46:16  
**solicitor** 3:1  
**solicitors** 2:17  
 13:9  
**Solicitor's** 2:15  
 46:6  
**solutions** 56:15  
**solved** 38:15  
**somebody** 34:23  
 35:1 43:5 51:13  
 54:16 55:11 60:1  
**sorry** 2:17 4:5, 7,  
 24 6:19 18:9  
 37:25 38:19  
 52:11, 12 53:18, 22  
**sort** 5:16 53:9  
 60:7 63:3  
**speak** 3:12, 13  
 29:6 39:24, 25  
 59:2  
**speaker** 39:21  
**speaking** 31:17  
 42:13, 23 45:23  
 46:3 60:11 62:1,  
 3  
**special** 24:18  
 40:24 58:3 66:5  
**specialized** 62:15  
**specializing** 18:18  
**species** 7:2 24:5,  
 8 44:24 57:22

<p><b>specific</b> 30:8, 11 44:22 63:6, 12 64:14</p> <p><b>specifically</b> 19:14 62:14 63:11 64:13, 19</p> <p><b>specificity</b> 39:18</p> <p><b>specifics</b> 32:9</p> <p><b>speed</b> 31:11 59:9</p> <p><b>speeding</b> 61:11</p> <p><b>spending</b> 37:8</p> <p><b>spent</b> 38:10, 11 39:8</p> <p><b>spill</b> 40:7, 12 57:10</p> <p><b>spirit</b> 13:21 37:16</p> <p><b>Spring</b> 41:5</p> <p><b>squishy</b> 15:5, 6</p> <p><b>SS</b> 70:2</p> <p><b>stab</b> 31:8</p> <p><b>staff</b> 2:13 17:5 25:4</p> <p><b>staffing</b> 4:11</p> <p><b>stages</b> 36:6</p> <p><b>staggering</b> 21:11</p> <p><b>stakeholder</b> 52:22</p> <p><b>stakeholders</b> 52:8, 14, 16</p> <p><b>stand</b> 11:23 42:11 67:20</p> <p><b>standards</b> 9:16, 18, 18</p> <p><b>standing</b> 4:10 7:19</p> <p><b>standpoint</b> 64:9</p> <p><b>standstill</b> 66:23</p> <p><b>staple</b> 31:24</p> <p><b>stapled</b> 31:13, 15 44:2, 7, 7 45:3, 5</p> <p><b>start</b> 4:2, 3 5:4 12:19 13:17 17:7 30:19 38:1 54:2</p> <p><b>started</b> 3:25</p> <p><b>Starting</b> 20:3 27:22 63:13</p> <p><b>state</b> 26:2 39:9 49:11 55:19 70:2, 4</p> <p><b>stated</b> 48:9 52:3</p>	<p><b>statement</b> 2:11 3:21 7:25 13:1 14:17 15:17 19:6 21:19 25:7 26:6, 7, 19, 21 27:16 48:5 56:5, 25 67:21</p> <p><b>states</b> 10:15, 19 12:5 27:5 42:8, 15, 18, 20, 25 43:4 46:2 59:2 62:9 64:23 66:13 67:14</p> <p><b>statute</b> 14:11</p> <p><b>stayed</b> 47:6</p> <p><b>steady</b> 22:10</p> <p><b>step</b> 13:17 22:11</p> <p><b>steps</b> 30:18 68:25</p> <p><b>Steven</b> 2:25</p> <p><b>stick</b> 43:18</p> <p><b>stone</b> 6:14 36:8</p> <p><b>stop</b> 17:21 22:8, 9</p> <p><b>straight</b> 19:11</p> <p><b>straining</b> 26:25</p> <p><b>streamline</b> 9:24</p> <p><b>streamlined</b> 58:3</p> <p><b>Streeter</b> 2:16</p> <p><b>stress</b> 64:21</p> <p><b>studies</b> 60:18, 22 61:17</p> <p><b>study</b> 15:17, 18 20:14 33:15, 19 37:3</p> <p><b>stuff</b> 17:14, 15 30:11 38:25 44:6, 9 45:4, 6</p> <p><b>subcommittee</b> 53:16</p> <p><b>subjective</b> 15:5 64:15</p> <p><b>submit</b> 59:20</p> <p><b>submitted</b> 48:12</p> <p><b>substantial</b> 33:9</p> <p><b>success</b> 56:22</p> <p><b>successful</b> 22:2, 2 34:1</p> <p><b>sudden</b> 3:11</p> <p><b>sufficient</b> 33:16</p>	<p><b>suggest</b> 33:16</p> <p><b>suggested</b> 60:3</p> <p><b>Summit</b> 20:9</p> <p><b>Suneson</b> 58:22</p> <p><b>superintendent</b> 2:21 4:8, 10 15:10 23:2, 12 35:6 64:3, 12</p> <p><b>support</b> 63:25 64:16</p> <p><b>supported</b> 56:8, 18 58:5 62:21</p> <p><b>supporting</b> 19:4</p> <p><b>supposed</b> 2:19 37:19, 20 39:20 51:11, 12</p> <p><b>sure</b> 4:18 15:14 19:17 25:17 49:12 51:1 53:4 59:24</p> <p><b>surface</b> 9:21 26:14</p> <p><b>Survey</b> 28:10 30:20, 22 58:23 59:3 61:3, 7</p> <p><b>survive</b> 47:14</p> <p><b>Susan</b> 18:5, 6, 14 23:11 25:20</p> <p><b>sweet</b> 21:9</p> <p><b>swimming</b> 30:6</p> <p><b>switch</b> 18:2</p> <p><b>system</b> 40:18</p> <p>&lt; T &gt;</p> <p><b>tab</b> 41:17</p> <p><b>table</b> 52:19, 23 53:10, 15, 16 65:21 67:10</p> <p><b>tailor</b> 51:3</p> <p><b>tailored</b> 65:4</p> <p><b>take</b> 7:11 17:5 18:8 25:9 27:24 29:3, 4 31:8 32:5 34:24 38:8 43:25 50:16 55:12 68:2</p> <p><b>TAKEN</b> 1:14 9:24 39:7 51:14 70:6</p>	<p><b>takes</b> 31:11 39:3 41:22 68:7</p> <p><b>Talee</b> 42:4</p> <p><b>talk</b> 29:22 30:18 35:22 43:21 45:18 49:13 60:13 61:10</p> <p><b>talked</b> 27:21 39:4 60:17, 18</p> <p><b>talking</b> 20:6, 19 29:25 30:7 44:1, 5, 9</p> <p><b>talks</b> 30:11 53:5</p> <p><b>tanked</b> 28:21</p> <p><b>technological</b> 36:24</p> <p><b>technology</b> 33:21</p> <p><b>tell</b> 2:7 19:16, 17, 19 22:16 28:10 36:14 38:5</p> <p><b>telling</b> 13:6 16:11 47:10</p> <p><b>templates</b> 63:14</p> <p><b>term</b> 53:19</p> <p><b>testified</b> 26:1, 2</p> <p><b>tests</b> 40:13, 15</p> <p><b>Texas</b> 22:7 40:13 41:5</p> <p><b>Thank</b> 8:7 11:24 12:10, 11, 13 17:19 22:15, 21, 22 25:14, 15, 19, 19 29:1, 7, 9, 18 32:21, 23 36:1, 2 39:20 42:7 45:2 46:4 47:17 49:3 59:23 61:21, 22 65:6 67:3, 4, 23, 24 68:23</p> <p><b>thankfully</b> 47:6</p> <p><b>Thanks</b> 68:25</p> <p><b>theory</b> 32:9</p> <p><b>thing</b> 5:12, 16 7:11 15:5 16:2 17:4 19:23 21:18 28:5, 6 32:1, 5, 21 37:17 39:12, 15, 16 41:15 43:14</p>
--	--	--	---



45:16 50:4 53:9  
60:7 61:12 63:3  
**things** 3:23 5:22,  
24, 25 6:13 7:4, 6  
16:17 26:22  
30:24 31:6, 21, 23  
41:15 48:17 59:8,  
9 60:13  
**think** 3:11 4:11  
7:13, 16 17:21  
21:1 25:2 29:6, 6,  
10, 21 30:17, 20  
32:10, 11 33:13  
37:15 43:19 50:6  
52:3 53:14 55:10,  
18 59:9 61:18  
65:18 67:2, 15  
68:18, 18  
**third** 9:8 33:2  
45:4  
**third-term** 48:3  
**thought** 13:5  
33:5, 8, 9 35:23  
52:12 66:20  
68:13  
**three** 6:13 30:13  
37:11 44:7  
**throw** 32:9  
**throwing** 16:8  
**tier** 32:10  
**tiered** 44:21  
**tiering** 32:3, 19  
**ties** 35:7  
**timber** 30:10  
**time** 3:10 7:13  
11:24 12:11  
15:21 18:7 23:3,  
9 27:19, 19 32:16,  
17 36:3 41:17, 21  
42:18, 20 49:21  
50:4 53:20, 22  
60:23  
**times** 21:15 26:15  
49:22 50:5 61:6  
**today** 4:8 23:8  
33:11 35:24  
36:17 38:6 42:10  
43:4, 9 53:13

58:12, 22  
**told** 53:24  
**tonight** 2:6 3:6,  
23 4:14 59:25  
**top** 17:8 19:25  
29:4  
**topics** 19:12  
**topography** 41:13  
**total** 26:18 28:25  
**totally** 29:7  
**touch** 54:3  
**town** 29:15  
**trade** 53:9  
**transcribed** 70:6  
**transcript** 3:18, 22  
5:2 68:6, 8 70:7  
**transcripts** 68:12  
**transmission** 18:19  
**trash** 40:7  
**travels** 40:20  
**Travis** 29:17, 18  
35:14 41:22  
**treat** 9:20  
**treated** 52:1  
**treatment** 8:12  
**trespass** 47:7  
**Tri** 30:3  
**tribal** 8:14, 15  
10:14, 15, 16, 24  
24:4, 4 40:6  
61:25 65:11  
**Tribe** 9:22 10:10  
25:23 66:4, 22  
67:7, 8, 13  
**tribes** 10:9, 21, 22  
19:10 25:14  
**trigger** 6:17 14:5  
**triggering** 14:21  
**triggers** 14:3  
**triple** 21:25  
**trouble** 54:10  
**true** 38:23 70:7  
**trust** 8:15 9:11,  
18 10:20 11:19  
19:9 24:4 25:13  
48:7, 13 62:8, 17  
64:23 65:6  
**trustee** 27:4

**try** 4:18 6:7  
37:8 44:11 50:5  
51:3, 5  
**trying** 3:4 14:4  
43:11 63:15  
**Tulsa** 35:1 40:22  
70:3  
**turn** 13:8  
**turnaround** 56:11  
**turned** 18:10 51:8  
**twice** 60:22 61:5  
**two** 13:12 19:12  
28:23 37:12, 14  
40:14 46:13, 18,  
25 59:1 65:18  
**two-minute** 11:6  
**type** 62:23 63:1,  
6, 6, 9  
**types** 30:14  
**typewriter** 32:15  
**typically** 63:10  
**typing** 32:15

## &lt; U &gt;

**U.S** 57:9, 23  
**Uh-huh** 53:7  
**ultimate** 8:24  
**unacceptable** 23:8  
**uncertainty** 23:15  
56:22 58:11  
**uncles** 61:16  
**Underground**  
57:11  
**underneath** 44:3  
**understand** 4:16,  
18, 19 12:21 45:12  
**understanding**  
42:21 45:3 48:12,  
16 52:18 54:14  
55:4 58:25 60:25  
**understood** 15:15  
**unfortunate** 55:16  
**unique** 56:12  
62:14 65:4  
**uniquely** 59:17  
**United** 27:5 42:7,  
15, 17, 20, 25 43:4  
46:2 59:2 62:9

64:23 66:13  
67:13  
**University** 40:22,  
22  
**unnecessary** 51:18  
**unrealistic** 41:23  
**unstable** 64:7  
**updated** 24:22  
33:20 34:6 61:4  
**urbanization** 57:4  
**use** 16:14, 18  
51:22 63:7  
**useful** 13:22  
**USGS** 59:10, 24  
60:2  
**usual** 43:18 56:21  
**usually** 61:5 68:7  
**Utah** 40:8  
**utilize** 39:11  
62:23

## &lt; V &gt;

**valid** 22:6 54:11  
**valuable** 24:14  
**value** 18:21  
20:17 21:16  
**vandalized** 61:15  
**variety** 63:25  
**vendor** 40:6, 16  
**versa** 7:8, 9  
**version** 7:16  
**versus** 37:22  
**vertical** 20:19, 24  
21:3, 16 29:24, 25  
30:11  
**vice** 7:8, 9  
**violate** 62:8 64:22  
**violates** 9:18  
**violation** 24:2  
**visible** 4:25  
**void** 46:25 54:4, 9  
**voted** 42:4  
**vu** 55:22

## &lt; W &gt;

**Wah-Zha-Zhi** 70:5  
**wait** 30:21  
**waiting** 31:1, 4

**Waller** 7:21, 23  
 8:1, 4, 7, 8 33:14  
 42:9 62:6  
**want** 3:12, 16, 25  
 4:14 6:3 7:12  
 11:24 12:10, 11  
 14:2 16:2, 14  
 29:3, 3 39:12, 24,  
 25 40:2 42:8  
 43:4 44:11 45:14,  
 20 47:8 48:17, 23  
 49:7 52:15, 18  
 53:19 54:3 66:14  
**wanted** 3:2 17:18  
 36:12 42:7 43:14  
 46:6 49:13 52:8,  
 13 60:1, 8 61:25  
**wanting** 23:24  
**wants** 4:1  
**War** 12:2 66:11,  
 20  
**warrior** 66:22  
**wars** 66:9  
**Washington** 29:5  
**waste** 6:5  
**water** 6:5 7:3  
 14:14 50:7, 8  
**way** 4:20 9:10  
 14:11 21:23  
 37:20 49:15 52:2  
 55:16 65:25  
**ways** 13:12  
**website** 3:19, 21,  
 24 19:11 21:10  
 68:5, 14  
**weeks** 37:11 41:4  
**weird** 52:7  
**Welcome** 2:1 48:1  
**Well** 5:7 12:23  
 14:10, 24 21:16  
 26:3 28:3, 4, 7  
 29:13, 24 30:3  
 34:23 35:1, 5, 8  
 40:12 41:21  
 44:23 47:2 52:17  
 60:3 66:2 68:6  
**wells** 20:1, 3, 7, 11,  
 19, 20, 24 21:3, 14  
 22:8 26:14 27:18

29:25 30:12  
 33:25 34:17  
 35:17, 18 38:25  
 40:19 47:25 55:2  
 58:10  
**went** 14:6 28:24  
 54:21 55:7  
**We're** 2:5 3:12,  
 23 4:12, 16, 17, 18  
 5:17 6:12 16:12,  
 15 17:13 20:19  
 29:24 30:6 31:1,  
 17, 18 36:6, 12  
 37:7, 18 38:9  
 39:19 41:2 43:3  
 44:9, 12, 16 45:13  
 50:5, 19 51:2  
 53:25 68:4  
**we've** 2:24 17:21  
 20:15 28:6 30:9,  
 12 36:13 49:24  
 51:1, 25 54:22  
 66:9, 11  
**WHEREOF** 70:10  
**whizzing** 4:3  
**wide** 36:8  
**wild** 24:12  
**wildlife** 7:1 30:21  
 57:23  
**willing** 49:25 60:5  
**wind** 24:17, 18  
 57:4  
**window** 11:6  
**Winlock** 2:21  
 4:10 54:14, 18  
 61:6  
**Winstrom** 55:21  
**wise** 41:21  
**wish** 48:1  
**wishes** 56:16  
 58:17  
**WITNESS** 70:10  
**wonderful** 58:21  
**wondering** 15:22  
**wording** 62:23  
 63:14  
**words** 12:14  
 20:22 39:14  
 43:20

**work** 2:4 23:14  
 25:2 37:17 40:20  
 43:11 47:5, 12, 13  
 50:5 53:20, 21  
 54:23, 23 58:16, 19  
**worked** 25:21  
 36:15 38:7 40:24  
 50:4  
**working** 30:20, 25  
 58:15  
**work-over** 24:24  
**works** 59:7  
**write** 5:11 31:3  
**writing** 11:3  
**written** 59:20  
**wrong** 22:13, 14  
 25:9 51:15 52:2  
**WW1** 66:10  
**WW2** 66:10  
  
 < Y >  
**Yeah** 16:21 18:6  
 32:14 38:22  
 50:21 51:7, 12  
 53:25 54:24  
 55:14  
**year** 20:1, 23, 24  
 21:6 33:23  
**year-and-a-half**  
 35:4  
**years** 18:17 26:12  
 27:22 30:4 33:22  
 36:14, 15 37:12,  
 14 38:4, 6, 12  
 40:23 41:10  
 42:24 66:19  
**yellow** 17:20  
 37:23  
**yield** 35:25  
  
 < Z >  
**zero** 20:11