BEFORE THE IDAHO DEPARTMENT OF LANDS In the Matter of the Application ) of Snake River Oil and Gas, LLC ) Docket No.
to Integrate the Spacing Unit CC-2021-0GR-01-001
Consisting of the SE $1 / 4$ of
Section 10, the SW 1/4 of Section )
11, NW 1/4 of Section 14, and the )
NE $1 / 4$ of Section 15, Township 8 )
North, Range 5 West, Boise
Meridian, Payette County, Idaho. )

Snake River Oil and Gas, LLC,
Applicant.

BEFORE

HEARING OFFICER: MICK THOMAS

Date: August 12, 2021, 9:14 a.m.
Location: Fruitland City Hall
200 s. Whitley Drive
Fruitland, Idaho
REPORTED BY:

COLLEEN P. DOHERTY, CSR 345
Notary Public


1 administrator over minerals and navigable waters and oil
2 and gas, presiding over and conducting this hearing today pursuant to the Idaho Code 47-328.

Some housekeeping, as many of you know the COVID 19 response has changed some of the typical aspects of a hearing of this type. This hearing is in person, with a virtual via Zoom component. We also have
a call-in number that was sent out. This hearing is being recorded in Zoom as required by IDAPA 04.01.651.
We also have a backup recording device for this hearing.
People who are in person will come to the podium and speak as needed.

This hearing is being recorded by a court reporter. So I ask that everyone here be sure to speak loudly and clearly. Please limit side conversations. If you haven't done so already, please silence your cell phones. For those of you on Zoom, please mute your microphones when you are not speaking. If there is a disturbance, you will be reminded to mute your microphone. If the disturbance continues, you may be muted or disconnected.

Documents in this record, Docket No. CC-2021-OGR-01-001 are on the OGCC website at OGCC.idaho.gov/administrative/hearings. Exhibits and witness lists were submitted by Tuesday, August 10th, at

## Page 7

5:00 p.m. We can also use the exhibits posted on the OGCC website to ensure that we are looking at the same documents. Please reference the exhibit number, page number by the PDF page number. The evidence on Zoom will be displayed by Mr. Chris Gozzo, a member of my staff. The parties and witnesses should direct Mr. Gozzo to each specific exhibit page they would like displayed at the time they would like it displayed.

As my June 23rd, 2021 notice indicates, this hearing is to receive evidence and testimony regarding Snake River's March 26, 2021 integration application. I will use the factors articulated in my orders determining just and reasonable factors to determine whether the terms of an integration order fulfill the just and reasonable requirement of Idaho Code 47-321.

The order determining just and reasonable factors was mailed to the operator. And all uncommitted owners in the spacing unit on June 21st, 2021, can also be found on the Idaho Department of Lands' website. I would like to say that as of early morning, I did respond to the response from Mr. Piotrowski that 22 CAIA be considered. Essentially, I denied that request 23 and for factors that were outlined in that, I believe
24 everyone has been emailed that response. Just so you 25 know there, Mr. Piotrowski I think is representing

1 individual mineral interest owners in this case. But he'll continue to speak as he always would. But I have determined that CAIA cannot participate or object in that capacity.

We'll proceed with the opening statements from Snake River Oil and Gas, uncommitted owners within the unit, and then the IDL. The opening comments will be limited to five minutes, afterward the hearing will follow. I will first hear evidence from the applicant, Snake River, and this will be followed by evidence from uncommitted owners within the proposed unit. Afterward I will accept evidence from the Idaho Department of Lands. After the presentation of evidence is complete, I will allow closing arguments.

And then I will provide for recesses from time to time as needed. I have this hearing scheduled for all day today and tomorrow if we need it. If not, you know, we use recesses as needed. And I will definitely if we go into the lunch period, I will have a one hour lunch recess at 12:00.

So moving into opening statements, Mr. Christian, you are at the podium. I may turn the monitor around a little bit to see you. But will you please identify yourself, and who you represent, and feel free to have an opening statement.

MR. CHRISTIAN: Thank you, Mr. Administrator. I'm Michael Christian. I'm here representing the applicant, Snake River Oil and Gas, LLC. I don't intend to give you a lengthy opening statement, other than to say, I would submit that the materials we submitted as our application establish the elements necessary to integrate the spacing unit. And I anticipate putting on testimony mostly from Mr. Brown regarding the factors to be determined to establish that the form of lease and form of joint operating agreement submitted with the application materials contained just and reasonable terms and conditions of integration.

I did at our pre-hearing conference raise the question as to whether the parties could stipulate to what I called at the time, a timely integration, by which I mean, stipulate that the applicant has established the factors necessary to obtain an integration order, which would be essentially the sufficient percent leased in the spacing unit and a sufficient resume of efforts, and that the drill site has been leased.

I would raise that again. I have a witness, Mr. Moore, who can speak to the resume of efforts issue if necessary. But in an effort to save time, I would ask that the parties stipulate to that part when we get

| Page 10 | Page 12 |
| :---: | :---: |
| 1 to the terms and conditions. | 1 DIRECT EXAMINATION |
| 2 THE HEARING OFFICER: Thank you very much. | 2 QUESTIONS BY MR. CHRISTI |
| 3 Ms. Vega, do you have an opening statement? | 3 Q. Richard, can you state your full name for the |
| 4 MS. VEGA: | 4 record, please? |
| 5 THE HEARING OFFICER: Good. Thank you very | 5 A. Richard Wesley Brown. |
| 6 much. | 6 Q. And where do you live? |
| 7 Mr | $7 \quad$ A. I live in Sun Valley, Idaho. |
| 8 statements | 8 Q. And you are a partner in Weiser-Brown Oil |
| 9 MR. PIOTROWSKI | 9 Company? |
| 10 Piotrowski here. The determination of factors in the | 10 A. I am. |
| 11 case has already established that there is zero | 11 Q. And is Weiser-Brown Oil Company the sole |
| 12 additional compensation to be made available to anybody | 12 member of Snake River Oil and Gas? |
| 13 no matter what comes up at this hearing, no matter what | 13 A. It is. |
| 14 decision is reached, no matter what might be just or | 14 Q. Yeah. Okay. Tell me what your background is, |
| 15 reasonable. | 15 your training and background? |
| 16 about here, except the fact that there is zero evidence |  |
| 17 offered to date, and there will be zero evidence offere | 17 I'm having a difficult time hearing the witness. Is |
| 18 today as the market value the of the leases that | 18 there a way to place the microphone closer to him? |
| 19 clients will be forced into. And for that reason the | 19 THE WITNESS: How is that? |
| 20 integratio | 20 MR. PIOTROWSKI: Much better. Thank you. |
| 21 THE HEARING OFFICER: Thank you. | 21 THE HEARING OFFICER: Go ahead. |
| 22 any other uncommitted mi | 22 Q. (BY MR. CHRISTIAN) Richard, can you |
| 23 be presenting today, who would like to make an opening | 23 summary of your training and experience in the oil and |
| 24 statement? | 24 gas business? |
| 25 Thank you all. In that case, we're going to | 25 A. Yes, I have a degree in petroleum land |
| Page 11 | age 13 |
| 1 begin with the ap | 1 management from the University of Texas, went to work |
| 2 its first witness. I will o | 2 immediately out of school as a petroleum landman, and |
| 3 witnesses. | 3 have worked in that capacity for 40-plus y |
| 4 Mr. Christian, do you swear or affirm that the | 4 Q. And in your capacity as a landman, have you |
| 5 testimony you will give to this hearing is the truth, | 5 had experience negotiating things like leases and |
| 6 the whole truth, and nothing but the truth? | 6 surface use agreements with mineral interest owners? |
| 7 MR. CHRISTIAN: I do. Although I don't expect | 7 A. Yes, I have. |
| 8 to give any testimony. | 8 Q. Is that true both in Idaho and in other |
| 9 THE HEARING OFFICER: That's exactly right. A | 9 states? |
| 10 little faux pas. Well, at least you are very honorable | 10 A. Yes. |
| 11 today. Thank you, Mr. Christ | 11 Q. What other states have you worked in? |
| 12 MR. CHRISTIAN: Thank you, Mr. Administrat | 12 A. I've worked in Texas, Louisiana, Oklahoma |
| 13 I'm going to call Mr. Brown first. Mr. Moor | 13 Arkansas, Mississippi, Alabama, a little bit, a tiny bit |
| 14 traveling, and I think is probably still in a rental car | 14 in Utah and in Idaho. |
| 15 as we speak. So I'm going to go out of order as a | 15 Q. And are you responsible for managing the |
| 16 consequence. So I will call Mr. Richard Brow | 16 day-to-day operations of Snake River here in Idah |
|  | 17 including its leasing and permitting efforts? |
| 18 THE HEARING OFFICER: Thank you very much. | 18 A. Yes. |
| 19 RICHARD BROWN, | 19 Q. And are you familiar with the integration |
| 20 first duly sworn to tell the truth relatin | 20 application filed in this matter? |
| 21 cause, testified as follows: | 21 A. Yes, I am. |
| 22 THE HEARING OFFICER: All | 22 Q. I want to direct you to what's been marked and |
| 23 Mr. Christian, you may proceed. | 23 submitted as Exhibit SR 1, which is the integration |
| 24 | 24 application. Can you get that up in front of you? |
| 25 /// | 25 A. The application, itself? |

Q. Can you please look at Exhibit A to the application for me, which is a --
A. The plat.
Q. And I'm going to comment, there are page numbers in the lower left-hand corner of the exhibit in red. So I'm looking at page No. 9.
A. And that is the plat.
Q. Okay. Do you have it in front of you?
A. I do.
Q. And does that plat depict the spacing unit, which is the subject of this integration application?
A. Yes, it does.
Q. And shaded in gray in the exhibit, are those
the tracts which are currently uncommitted and are the subject of the integration application?
A. Yes, they are.
Q. There is, is there not, one tract in those
that since the time of the application has been leased?
A. Correct.
Q. And which owner is that?
A. The Mussers in Tract No. 2.
Q. Down in the lower left-hand corner in the northeast quarter of Section 15 ?
A. Correct.
Q. Is that right?
A. Correct.
Q. Okay. Could you go to exhibit -- well, let me
stop. Do you have an understanding of how many net mineral interest acres in the unit are currently under lease?
A. 90-plus percent and that number is -- I'm
having a senior moment here plus --
Q. But it's in excess of 90 percent?
A. In excess of 90 percent, yes.
Q. Okay. Could you move to Exhibit C to the application in Exhibit SR 1, which begins at page number -- one second -- 14 ?
A. JOA.
Q. Yes. Can you identify that for me?
A. Yes, it's a model form operating agreement.
Q. And describe for me generally what a joint operating agreement is and what its purpose is?
A. A joint operating agreement dictates typically for the working interest owners, the people that pay for the well, how they interact, and how the well is operated, accounting, multiple topics. But basically it concerns the working interest owners and how they work together.
Q. Generally speaking it involves, among other
things, how expenses and revenue associated with the
well are dealt with?
A. Correct.
Q. Okay. And in this instance, the form of joint operating agreement that has been submitted as part of the application is for the purpose of the event that an integrated mineral interest owner elects to participate in the well; right?
A. Correct.
Q. And they might participate on a consenting basis or a nonconsenting basis?
A. Correct.
Q. Is the form of joint operating agreement that's Exhibit C to the application similar to the form that is used as between Snake River Oil and Gas and its working interest partners?
A. Yes.
Q. And generally explain what working interest partners are in this case?
A. Yes.
Q. They are basically investors?
A. Yes. And in this case, folks that we've dealt with for many, many years.
Q. Okay. And Snake River acts as the operator in other units where you are already in operation on behalf of all its working partners?

Page 17
A. Correct.
Q. Okay. There have been about six integrations in this area so far; is that right?
A. Correct.
Q. And each of those integration proceedings has essentially the same form of joint operating agreement been used?
A. Yes, it has.
Q. Some of those have been by the prior operator. And at that time Snake River was a working interest partner, but was not the operator; correct?
A. Correct.
Q. Okay. And in any of those previous integrated units has any integrated mineral owner elected to participate in the well yet?
A. No, they have not.
Q. The form of joint operating agreement that is included as Exhibit C to the application is labeled as an A.A.P.L. Form 610, the 1989 version. Can you tell me what the A.A.P.L. is?
A. American Association of Petroleum Landmen.
Q. And is Form 610 a form that you are familiar with in your working in the oil and gas business in other states?
A. Yes.
Q. To your knowledge how long has this version of the Form 610 or earlier versions been in use in the industry?
A. Throughout my career, and I think this 610 came out in the '50s, and it's been updated three or four times since.
Q. In your experience is a version of the Form 610 used by most participants in the oil and gas industry across the country?
A. Yes.
Q. Does Weiser-Brown use a similar form in its operations in other states?
A. Yes, it does.
Q. Roughly speaking, and how many wells would you say that Weiser-Brown has been a party to this form in in other states?
A. Probably at least a thousand.
Q. To your knowledge is the Form 610 adopted by any oil and gas governing body in other states?
A. I know the state of Arkansas uses this form, and I think other states, but not positive.
Q. Is there anything about this unit which would lead you to conclude that using the proposed Form 610 would not be appropriate?
A. No.
Q. Generally speaking what is the reason for proposing this form of operating agreement for integrated mineral interest owners?
A. It puts the interest owners on the same
footing as the working interest partners and our partners in this area.
Q. So your intent is that a mineral interest owner who elects can participate on the same basis as the existing working interest?
A. Correct.
Q. There is in your form of joint operating agreement as between Snake River and its partners, the risk penalty is somewhat higher than in this form; isn't it?
A. Correct. And with our internal partners, it's

500 percent, but in this form here, it's 300 percent.
Q. And it's just as a matter of a statutory cap?
A. I believe so.
Q. Yeah. Can you go to Exhibit D to the application, please?
A. Yes, I am there.
Q. And is that the form of lease that's been proposed as part of the application?
A. Yes, it is.
Q. And I'm sorry. I'm going to give a page
reference for the record if I get back to it. Is it page, I think, 69 of Exhibit SR 1. Is this form of lease similar to other leases that are in use in the area?
A. Yes, it is.
Q. And what's the bonus that's proposed to be paid for the integrated mineral interest owners?
A. $\$ 100$ an acre.
Q. And what's the royalty that's proposed to be paid?
A. One-eighth.
Q. And what is the term that's proposed?
A. It's proposed as a three-year term with a three-year renewal option.
Q. Are those terms similar to the same terms in voluntary leases across the area?
A. Yes, they are a little longer term with the other leases in the area. We have some with two-year and a five-year option, some with three and -- we have three and five.
Q. Do you have some with a five-year term and say a two- or three-year option?
A. Excuse me. And when I said two and five, five-year primary term with a two-year extension option, yes.
Q. Is there kind of a nickname for this kind of lease?
A. Producers 88 is one, there is multiple, but they are very, very similar.
Q. And how long has Producers 88 s been around?
A. 50-plus years.
Q. Is this form of lease, in particular, is it
consistent with the forms of lease that you have used in
all the states that you've identified in your
experience?
A. Very similar, and was used in the earlier integrations.
Q. And is the form of lease similar in its terms to other leases in this unit?
A. Yes.
Q. If you would look at page -- beginning of page 72 , is that some special terms and conditions that are attached to the lease?
A. Got it.
Q. Does this lease have in item 1 of the special terms and conditions on page 72, does it have a limitation on drilling activities?
A. Yes, it says, we shall not engage in drilling operations on tracts five acres or less.
Q. Is that generally a term and condition that is
included in other voluntary leases in the area?
A. Yes.
Q. So some leases have got a drilling limitation that you have taken voluntarily?
A. Yes.
Q. Okay. The lease also in item 1 or elsewhere
in Exhibit B to the lease, does it provide protections
to surface owners for surface to surfaces?
A. Yes.
Q. Can you summarize what those are?
A. Well, for instance, protects the owner
regarding well sites, roads, fences, pipelines, or
utilities, installation production equipment type
batteries, protect the water. And the landowner if
anything, it protects -- let me see. No. 2 is
protection of use of water.
Q. In item 1 does it require the lessee to pay
surface owner damages for any damage to various things, crops, buildings, livestock, those kinds of things?
A. Yes, it does.
Q. Has Snake River as the operator or as a
working interest partner under the prior operator
experienced any problems with any lessors under a form lease of this type in its operations?
A. No, we haven't.
Q. And how long has either Snake River as the operator or as a working interest partner under the previous operator been involved in operations in Idaho?
A. About ten plus years.
Q. About how many wells are producing right now?
A. I think four wells are online today this very minute. But we've produced upwards of six or seven over the course.
Q. This may be a hard question to answer --
A. -- drilled --
Q. This may be a hard question to answer off the top of your head. Do you have a rough idea of how many leases, voluntary leases have been involved in the units that you have produced so far?
A. 100 plus counting all the units.
Q. Okay. Does this lease, this proposed form of lease affect the right of owners who choose not to participate as an owner from exercising any private right of action against the operator for future harms?
A. No, it does not.
Q. A couple of small items. Going back to the lease, I think it's in Item 1 of the lease, itself.
There is a spot where -- there are two spots where a number of days is referenced. And do you see it, where it's written out as 90 , and then 120 days in
parentheses?
A. Are you in the addendum or are you in the body?
Q. I'm in the lease, itself.
A. Okay.
Q. So I'm on page 69, item No. 1.
A. Okie doke. Got it.
Q. So there are places I see in that paragraphs,
where the number is written out as 90 , and then in (120) days.
A. And mine says "120." But go ahead.
Q. Do you see the word before the parentheses?
A. Got it. Got it.
Q. Is it the intent that the number should be 120 days?
A. Correct.
Q. Okay. And going down to -- I apologize. Let me get the reference correct here. Item No. 8 on the same page. Do you see the setback language?
A. Yep.
Q. And it uses the term " 200 feet." Was the intent that that should be " 300 feet"?
A. Correct.
Q. And can the applicant submit the form of lease which corrects those two items for use in the order?
A. Yes, it can.

MR. CHRISTIAN: I don't have any other questions.

THE HEARING OFFICER: Thank you, Mr. Christian.

In that case, Mr. Piotrowski, you can ask questions of the witness at this time.

MR. PIOTROWSKI: Thank you. CROSS-EXAMINATION
QUESTIONS BY MR. PIOTROWSKI:
Q. Mr. Brown, the model form operating agreement am I correct in understanding that that only applies to individuals who choose to be working interest owners?
A. Correct.
Q. And so for those who are either lessors or deemed leased that would not apply to their relationship with Snake River Oil and Gas?
A. Yes, that is correct.

THE REPORTER: I can't -- I'm having a hard time hearing you. "Apply to their relationship" --

MR. PIOTROWSKI: Apply to their relationship with Snake River Oil and Gas?

THE HEARING OFFICER: Mr. Piotrowski, Mr. Brown standby just a moment. You can start that again if you would like.

Page 27
Q. (BY MR. PIOTROWSKI) Mr. Brown, if I understand correctly -- well, tell me if I understand correctly, if for mineral owners who choose to enter into a lease or who through inaction become deemed lease, their relationship will be governed by the oil and gas lease and the attachments to it appearing pages 69 through 72 in Exhibit D; right?
A. That is correct.
Q. In that lease, other than the statement, and I'm looking at page 69 here of Exhibit SR 1. There is a statement in the second paragraph that mentions consideration of $\$ 10$, but, in fact, that is not the consideration being paid pursuant to this lease. Why is the amount of consideration not included in the lease?
A. That's a good question, and I'm going to defer to Mike. It's been -- leases have been this way for, since I was in college, and it says $\$ 10$ and other valuable consideration, good and valuable consideration. And a lawyer is going to have to answer that. But it's been that way in the business --
Q. To your knowledge --
A. -- for ever since I've been around. Some leases actually -- go ahead.
Q. And so this is ultimately a -- this is a lease of mineral rights that are attached to real property;
right?
A. Yes.
Q. Okay. And so this is a contract that affects the owners interest in their real property; correct?
A. Yes.
Q. Now, and that $\$ 100$ bonus payment -(Court Reporter technical difficulties.)
THE REPORTER: Okay. You are going to have to start over because we've got somebody --

THE HEARING OFFICER: Mr. Piotrowski, go back into that. We've had to mute a couple of phones. And if you could go back that would be great.

MR. PIOTROWSKI: Everyone is silent on my end.
(Court Reporter technical difficulties.)
THE HEARING OFFICER: So everyone can hear. If you are not Mr. Piotrowski, or in this room, mute your phone please so we don't wander into that again. All right. Thank you.

Mr. Piotrowski, please continue to exercise excellent patience in this and repeat your question.
Q. (BY MR. PIOTROWSKI) I think my last question, Mr. Brown, was just to clarify indeed the amount of the bonus payments to be made is not referenced anywhere in the lease or the attachments; right?
A. Correct.
A. We have a surface use agreement with the owner of the property that we're going to drill on.
Q. At present is there a way to move oil or gas from that location to some other location where it can be marketed?
A. Yes, there is. There is a riser.
Q. What is that method?
A. Pipeline, and there is a riser on the pad, or where we have the surface use agreement, there is a riser on that surface use agreement.
Q. Explain to me what a riser is, please?
A. It's a -- it just rises up out of the ground.

It's on the pipeline that goes to Little Willow, and the gas will go into -- well, the product will go into the riser, and then the pipeline goes back under the ground and goes over to Little Willow, and then on from there to Highway 30.
Q. Now, in paragraph 1 of the actual numbered paragraph. I'm sorry. I lost my place here. Give me just a moment. Well, still looking at page 69, which is the first page of the oil and gas lease. Looking at paragraph 9, paragraph 9 it says that lessee shall pay for damages caused by its operations to growing crops on the premises. Why are crops treated separately here from other types of damage?

A. I can't answer that.
Q. Is there anything in this lease that provides similar protections to lessors if the lessee's operations cause damages to other aspects of their property interests?
A. Yes, and that would be in the addendum, paragraph 1, I believe.
Q. Okay. So if we look at paragraph 1 in the addendum it says "Lessee shall take reasonable precautions to minimize adverse impact to lessor's farming, dairy, and ranching operations. Although farming, dairy, and ranching is certainly important land use in Idaho, does that extend to the use of property for other purposes?
A. Yes. And if you'll go to the bottom of 1 , it says, "lessee shall pay the surface owner for reasonable damages to growing crops, grass, buildings, livestock, feed, fences, and other improvements and personal property caused by lessee's operations.
Q. Does anywhere in the lease or the addendum does the lessor take responsibility for losses caused to the lessee's -- or does the lessee take any responsibility for any losses caused to the lessor's real property values as opposed to personal property?
A. I can't answer that question.
Q. Are you aware of anything in this agreement that would provide that the lessee shall pay the surface owner for damages to real property as opposed to personal property?
A. I am looking and can't answer that question.
Q. Since you've got the addendum in front of you, if you look down to paragraph 6, please.
A. Okay.
Q. It provides for an additional three-year term at $\$ 50$ per acre. Why is a three-year term worth $\$ 100$ today but only $\$ 50$ three years from now?
A. I can't answer that.
Q. Would you agree with me if something that is worth $\$ 100$ today, is almost certainly going to be worth more than $\$ 100$ three years from now?
A. I can't answer that.
Q. Are you familiar with the notion of monetary inflation?
A. Yes, I am.
Q. Okay. So do you know of anything that you could buy for $\$ 100$ today, that you would also be able to buy for $\$ 50$ three years from now?
A. I know if we drill a dry hole out here, that it will be worth a lot less.
Q. And in which case, you won't be renewing this

Page 33
lease, will you?
A. I can't answer that. A lot of things will happen in the next three years.
Q. There is a provision in paragraph 8 , which provides that if the operator or the lessee fails to make royalty payments on time, there shall be a one percent penalty for each calendar month. How did you arrive at the number one percent as the penalty for late payment?
A. I do not know. I do not know. I would assume if you multiply by 12 , that's 12 percent per annum.
Q. And is 12 percent per annum a number that, you know, is based on anything?
A. I've seen it in other contracts and other industries as a punitive measure.
Q. Looking at paragraph 9, which is still on page 72 , which is an agreement that the lessee in this case, Snake River Oil and Gas, shall indemnify and defend and hold harmless to lessors on certain types of claims. And it is limited to claims caused by or resulting from any negligent or otherwise wrongful act or omission of the lessee. Would you agree with me that that is a limitation on the extent of SROG's liability?
A. I'm sorry. I got behind you. Which -- can you repeat. I'm sorry.
Q. So looking at paragraph 9 .
A. Okay.
Q. On page 72.
A. Yep.
Q. And in that paragraph, it appears to me that

Snake River Oil and Gas, the lessee in this agreement,
is indemnifying its lessors for damages caused by or resulting from any negligence or otherwise wrongful act. Would you agree with me that that would allow liability against Snake River Oil and Gas only if its conduct was being negligent or otherwise wrongful?
A. I don't agree with that.
Q. Okay. What do you understand would be Snake River Oil and Gas' liability then; what types of acts what would it be liable for?
A. For our operations.
Q. So if operations result in harm to any lessor,

Snake River Oil and Gas would be liable?
A. Via our operations and related to physical damages. If we break it, we fix it.
Q. Okay.
A. If we break it, we fix it, or we pay for it?
Q. Okay. So if the drilling for oil and gas that
is contemplated here occurs, and the fact that there is
an oil well near somebody's property causes a loss in

Page 35
their property values, will Snake River Oil and Gas be responsible for it?
A. I think that's out of the purview here.
Q. Are you willing to accept that liability on behalf of Snake River Oil and Gas?
A. No, that's -- that's not our business.
Q. Okay. So there is a limitation on the
liability that you are willing to accept; right?
A. (Witness nodding head.)
Q. I'm sorry.

THE REPORTER: You have to answer out loud.
THE WITNESS: Yes.
Q. (BY MR. PIOTROWSKI) And there are circumstances certainly imaginable in which lessors might suffer losses as a result of this agreement, and you would not be willing to accept responsibility for those losses correct?

MR. CHRISTIAN: Objection. It calls for speculation.

THE HEARING OFFICER: Sustained.
Mr. Piotrowski, would you be more specific, please?
Q. (BY MR. PIOTROWSKI) Okay. Mr. Brown, is it true that there are some losses that lessors might suffer as a result of oil and gas operations occurring
in proximity to their property that Snake River Oil and Gas would not be willing to bear responsibility for?

MR. CHRISTIAN: Objection. It calls for speculation.

THE HEARING OFFICER: Agreed; sustained.
Mr. Piotrowski --
MR. PIOTROWSKI: What rules are we applying here, Mr. Thomas, because I don't think --

THE HEARING OFFICER: Mr. Piotrowski, your line of questioning is speculative. And I would ask that you specifically ask, that you ask specific points about the values you are wishing to discuss, specifically the exact values you are wishing to discuss.

MR. PIOTROWSKI: Okay.
Q. (BY MR. PIOTROWSKI) Mr. Brown, is it true that if oil and gas drilling results in an overall loss of market value to the property owned by lessors, that that is not a loss Snake River Oil and Gas is willing to indemnify or hold lessors harmless for?

MR. CHRISTIAN: The same objection, and also lack of foundation.

THE HEARING OFFICER: Mr. Christian, I think the question was specific enough. I'll allow it.

Mr. Piotrowski, if you need to repeat that,

Page 37
you may.
Q. (BY MR. PIOTROWSKI) I'm not sure I can repeat it, but I will do my best, unless Mr. Brown heard me well enough to be able to answer?

MR. CHRISTIAN: The question is whether you think Snake River is responsible for diminution in value?

THE WITNESS: I don't think it exists.
Q. (BY MR. PIOTROWSKI) Mr. Brown, my question is, if oil and gas operations conducted by your company result in a loss in market value of the properties surrounding the well, and within the integrated spacing unit, will Snake River Oil and Gas be willing to compensate for those losses?
A. And I don't think there is any evidence of diminish in property values. In fact, property values have all escalated in the area.
Q. That's not what I asked you, sir.
A. Okay.
Q. I said if there is a diminution, will Snake

River Oil and Gas be responsible for it?
A. No.
Q. Mr. Brown, if you would please still in

Exhibit SR 1, turn back, if you would --
A. Where -- wait just a second.
Q. Turn back to the one which is the actual application. And --
A. Where are we?
Q. Hold on a second. I'm trying to find my
place. I didn't mark it. So let me --
A. Okay. SR-1, the actual lease.
Q. No. I'm sorry. SR 1 is the whole
application. So turn back to page 1 of SR 1, please.
Exhibit SR 1 is everything including the leases and the
operating agreement. So maybe I can ask this question a
little differently since I --
Here we go. If you would please, turn to page
3. And looking at paragraph 9 of page 3 is a statement that says, "Rita Lockner, the owner of a one-acre tract was paid $\$ 250$." Do you see that?
A. I do.
Q. And to your knowledge is that correct?
A. I'm aware that an owner of a one-acre tract was inadvertently, and I'll have to defer to the landman. I think the landman is going to be on here in a second. But, yeah, what it says, erroneous departure by a landman or broker for a one-acre purchase.
Q. But the result is that the highest bonus payment made in this tract was 250 to this one particular owner; right?
A. Yes, and I believe there was an additional consideration, which I'll let the landman speak to.
Q. So you are not familiar with the terms of that lease or payment?
A. Specifics as to that one acre, I'm going to have to defer to the landman.
Q. So you don't know what happened there or how it happened?
A. Not really those -- that particular landman worked for the predecessor, and hasn't been employed in probably two or three years. The field landman, so I'm talking -- when I say "landman," I'm talking about our employee, Wade, who is going to testify next. But as to the gentleman who paid that 250 for that one acre, he worked for the predecessor, and I'll let him speak to that. I'll let Wade speak to this.
Q. Have you reviewed the lease for that tract?
A. I have not.
Q. Okay. So you don't know if that lease was similar to or different from the leases that we testified about earlier?
A. As to that one acre, no.

MR. PIOTROWSKI: Okay. Thank you, sir.
That's all the questions I have.
THE HEARING OFFICER: Thank you,

Mr. Piotrowski.
Ms. Vega, you may ask questions of the witness at this time. If you would like to walk to the podium.

Mr. Christian, if you wouldn't mind just
stepping aside. Thank you.

## CROSS-EXAMINATION

QUESTIONS BY MS. VEGA:
Q. Good morning, Mr. Brown. Joy Vega with the office of the attorney general?
A. Good morning.
Q. Counsel for the Department of Lands in this matter. I have a couple questions just to clarify a few things about the JOA, which is Exhibit C to the application. And then also to cover one potential inconsistency in information sent out to potential lessors. And if that second question is going to be better answered by Mr. Moore, then just let me know.

So looking back to Exhibit C, which is the JOA, joint operating agreement. There are -- skimming through this document, there are a number of strikeouts and additions through the whole document. Do you see those?
A. Yes.
Q. And is it correct, we don't have in this
application form, there wasn't an actual copy of an

Page 41
actual signed JOA that Snake River has with a working interest owner; is that correct?
A. Correct.
Q. So have you had the opportunity to look at an actual signed enforceable JOA, and compare that with the strikeouts and additions to this Exhibit C?
A. I have to say that I have not personally set these side by side.
Q. Has Mr. Moore or anybody else in your employee group? Or I guess a better question is, do you know who prepared the strikeouts and additions?
A. Let me -- Mike, can I -- I would have to defer to either Mike or my partner. I can't answer that.
Q. Would it be your expectation that the strikeouts and additions would be materially the same as current signed JOAs?
A. I'm almost certain that they are identical.
Q. Also in Exhibit C, primarily in pages 49
through 55 , which is actually an exhibit to the exhibit so it's the COPAS exhibit?
A. Okay. The exhibit to the JOA?
Q. Correct. Exhibit C to the JOA, which I believe starts with page 49 of the Snake River's exhibit.
A. Okay.
Q. So throughout these pages there are numbers that are added. So, for example, on page 5 of that Exhibit C, paragraph B, it says, for example, "procedure can be amended by an affirmative vote of two or more parties" --
A. I need to get --
Q. The operator --
A. I need to get with you, so...
Q. Here, actually.

MS. VEGA: May I approach the witness?
THE HEARING OFFICER: Please.
Q. (BY MS. VEGA) So looking at --
A. The COPAS?
Q. Yeah, the COPAS.
A. Okay. There we go.
Q. There we go. And so throughout the COPAS, there is numbers inserted. So, for example, on page 55 of the exhibit, there is some numbers where it says, if the operator absorbs the engineering design and drafting costs related to the project, there is percentages, a five percent, three percent, two percent. Do you see those?
A. Uh-huh.
Q. Is it your expectation that these numbers that
have been inserted are materially the same as existing

Page 43
signed JOAs?
A. I would venture that they are identical.
Q. Thank you. Mr. Brown, I believe you
previously testified that it's your understanding that
no -- that through prior integration procedures done by
Alta Mesa, or AM Idaho, LLC, that there was no integrated owner who elected to be a working interest owner. Do you recall that testimony?
A. Yes.
Q. Were you in the time frame of, say, 2014 to 2016, were you involved in Alta Mesa's integration and application efforts?
A. I was a very involved partner. So, yeah, I was -- I was pretty knowledgeable.
Q. Do you recall if during that time frame if a company known as Trendwell actually elected to be a working interest owner in one of the integrated units?
A. I didn't think they had. I don't remember which do you -- can you recall which unit they were integrated in?
Q. I don't know.
A. Yeah, they drilled a well. They
drilled -- they operated a well themselves. But I don't recall them -- they -- I don't recall them being a partner in any of our wells. And I don't recall them
participating in a -- via an integration.
Q. Is it your experience that residence of the area, whether they own commercial properties or residential properties have, not opted into being working interest owners through the integration process?
A. That is correct.
Q. One question just to clarify perhaps an inconsistency in the application. And this is the question that is perhaps better for Mr. Moore, but just let me know. So Exhibit C -- no, excuse me. Exhibit F to Snake River's application it's a form cover letter to mineral owners that I presume was sent with Snake River's offer information for leasing. Is that -- well, I'll ask. Have you gotten to Exhibit F?
A. Yes. Yes.
Q. And are you familiar with this document?
A. I am.
Q. And have you seen this document prior to today?
A. Yes.
Q. And were you involved in kind of the drafting of the information that was presented in this cover letter?
A. I didn't draft, but I was familiar.
Q. Okay. And it's, in fact, presumably was
that should say 100 on the option to extend.
MS. VEGA: Okay. I believe that is all of my questions. Thank you.

THE WITNESS: Thank you.
THE HEARING OFFICER: Thank you, Ms. Vega.
If everyone will just grant me a little bit of
time as I update my notes here.
Mr. Christian, of course you can walk up.
Does Snake River have any redirect for this witness?
MR. CHRISTIAN: Yes, Mr. Administrator. Thank you.

THE HEARING OFFICER: Please. REDIRECT EXAMINATION

## QUESTIONS BY MR. CHRISTIAN:

Q. Mr. Piotrowski asked you about the reference to consideration at the beginning of the form of lease where it says $\$ 10$ and other adequate consideration. Do you recall that?
A. Yes.
Q. Typically is the bonus check delivered to the lessor at the time the lease is signed?
A. Yes.
Q. So, in fact, there is other good and sufficient consideration given to the lessor in the form of whatever the bonus is agreed upon at the time the

Page 47
lease is signed?
A. Yes.
Q. And Mr. Piotrowski asked you some questions about whether Snake River would be responsible for diminution in value of surrounding properties. Do you recall that?
A. Yes, I do.
Q. Are you aware in your 40 years of experience as a landman and otherwise in the business, of any lease in which Weiser-Brown participated and that you've participated in as a landman, where the lessee/operator has agreed to pay a lessor's diminution in property value?
A. No, I'm not.
Q. Just the typical approach is to pay for damages to surface elements; right?
A. Correct.
Q. And in this case that includes, for example, buildings, and buildings are part of the real estate; correct?
A. Yes.
Q. Ms. Vega asked you about the form of JOA.

Weiser-Brown has a couple of staffers in Arkansas, Chad is one, Royce is the other. Can you tell me their full names? site" as it is used in Idaho Code 47-310? Is that
referring to the surface location or to the entire well bore?
A. Ask one more -- me when you say, "well bore." I think of the well bore going down into the earth. So ask your question.
Q. So was the drill site isolated to the surface location, or is the drill site also part of the well bore to TD?
A. When I think of drill site, I think of the surface location --
Q. Okay.
A. -- being covered by this surface use agreement.
Q. Thank you. The application states that the well will go -- the well, the well site is in the southwest quarter of Section 11, I think it changed from the application that stated from the southeast quarter of section 10. Anyhow, do you know more specifically what the well site is going to be?
A. Yes.
Q. Could you share that?
A. Yes. We negotiate a surface use agreement with Fallon Enterprises, who is the -- they own about almost a thousand acres in the area in predominance of this unit. And we negotiated a three or five acre, I
can't remember, surface use area agreement with them.
Q. Okay. As a follow up, and I don't expect you to have coordinates, but maybe Wade could provide those or something, so we know exactly where that well is going to be?
A. It's in the southwest of 11, and it's just about -- I can't remember. Wade will know the footages north of Killebrew Road.
Q. Thank you, Mr. Brown. Should this order allow for the assignment or change in operator with a different process than is outlined in statute?
A. Can you ask that again?
Q. Are you asking that we allow for a different
process other than statute when moving from one operator to the other?
A. I don't know.
Q. Okay. Thank you. Snake River's application states that drilling activities will not occur on lands to be integrated. What does this include? Does it include the well bore passing underground?
A. Okay. I'm thinking through your question.

Ask that --
Q. So drilling activities --
A. Yeah. Yeah.
Q. Let's start there. What are drilling

Page 51
activities?
A. Drilling activities, drilling the well to TD.
Q. Okay. Thank you. Does that include the well bore passing underground, you just enumerated that, I believe?
A. Yes.
Q. Drilling activities include the well bore?
A. Yes.
Q. Okay. Will this well bore pass underground through unleased lands?
A. I can't answer that.
Q. Okay. Thank you.
A. Wade -- Wade -- yeah.
Q. And again, thank you. The questions that I
put to Mr. Brown are just as easily, I'll ask Mr. Moore about them as well. Okay?

Is there going to be additional surface use proposed upon the well pad?
A. Not at this time. I -- yeah.
Q. For example, a road, an access road, or anything along those lines?
A. I think we have a 200 -foot road north of Killebrew, which is approved by Fallon Enterprises to access the -- I think it's actually to access the surface use agreement.
Q. Thank you. Are those on leased properties?
A. I'm sorry?
Q. Are those on leased properties?
A. Yes.
Q. Okay. I'll hop down a little bit more. Do you think it's appropriate for the integration order to deem mineral owners leased under every term and condition in the lease?
A. Yes.
Q. Can you expand on that?
A. I don't know if there is any -- the question is, are they to be -- if they are determined deemed leased, then are they subject to all the terms -- all the terms in the oil and gas lease attached? And I would say, yes.
Q. Okay. Thank you.
A. With the exception of the change, the option period, or the option to 100 an acre that we just talked about.
Q. Thank you. Some additional questions, what time limit do you propose placing on development of this unit, how long? I mean, is it just going to be a year, or just tell me a little bit about that?
A. We would like to proceed with this as soon as possible within 45 to 90 days.
Q. Okay. Are you proposing that the integration should continue indefinitely?
A. Yes.
Q. Thank you. What is Snake River's view as to drilling additional wells on this spacing unit?
A. We would certainly hope to drill additional wells given encouragement.
Q. Have you noticed any of the mineral interest owners that there could be additional wells drilled?
A. It's provided in all of the lease agreements, and I would assume when we negotiated the leases, that the landman shared that there was potential of additional wells.
Q. What process -- thank you. What process will Snake River use to request additional wells?
A. It would start with notification or application to Department of Lands for -- we would have to fill out a pretty lengthy application to drill, which has a public notice period, and we also have to get a county permit.
Q. Thank you. Could this integration specifically -- could this integration order be restricted to one well; why or why not?
A. I don't see how it could be restricted to one well, because that's not what we're applying for. And
that's -- I don't think that's what's been determined is what the integration orders previously have stated or envisioned, excuse me.
Q. Thank you. What's a reasonable charge for the supervision and interest of this broadly? And if you don't --
A. I'm sorry?
Q. I said what is the reasonable charge for the supervision and interest in this application? You may be calling on your experience in other states?
A. You say supervision of this application?
Q. Right.
A. On the regulatory side?
Q. Right.
A. I would have to defer to my partner, Chris, because he's more -- he sits on the oil and gas commission in Arkansas. Do you -- I don't remember what the rates are, but we can get that.
Q. Thank you. That's good.

THE HEARING OFFICER: All right. Those are all the questions I have for you, Mr. Brown, right now.

Mr. Christian, you may call your next witness.
MR. CHRISTIAN: May I ask a couple follow-up questions?

THE HEARING OFFICER: Sure. Go ahead.

Page 55
MR. CHRISTIAN: Thank you. Just for purposes of clarity maybe.

FURTHER REDIRECT EXAMINATION QUESTIONS BY MR. CHRISTIAN:
Q. Mr. Brown, I don't know is it your
anticipation that the well that you anticipate drilling
in this unit will be vertical or deviated?
A. I'm having a senior moment.
Q. Okay. You can't remember?
A. No, Wade -- Wade can --
Q. Okay.
A. I know -- I'm just -- we've got so much going on I just have had --
Q. And you anticipate submitting an application for permit drill as soon as the order in this matter is issued?
A. Correct.
Q. Now, I'm having a senior moment. Oh, there is another unit in which -- integrated unit in which Snake River has applied for and ultimately received approval to drill a second well in the unit; correct?
A. Correct.
Q. The Barlow, Section 14?
A. Yep.
Q. And the reason is that the well targets a
second source of supply; right?
A. Correct.

MR. CHRISTIAN: Okay. That's all the questions I have.

THE HEARING OFFICER: Thank you, Mr. Christian.

Out of courtesy, Mr. Piotrowski, if you have any brief follow-up questions you are welcome to?

MR. PIOTROWSKI: I do. Thank you, sir.

## RECROSS-EXAMINATION

## QUESTIONS BY MR. PIOTROWSKI:

Q. Mr. Brown, as you sit here today, there is the possibility that there are hydrocarbons overlaid by this spacing unit; right?
A. Possible.
Q. But we don't know where those are; do we, or even if they exist; right?
A. Correct.
Q. So as we sit here at the moment, there is no way to know if such pools are found, where the appropriate placement for a well might be; right?
A. Correct.
Q. And no way to know what nature of, you know, drilling, whether vertical, or horizontal, or otherwise might be appropriate to reach this as yet unidentified
pool of hydrocarbons; right?
A. Correct.
Q. And so it's fair to say that there could be something down there. We could decide at some future date that it's worth drilling for. But beyond that, the details are just unknowable, or at least are unknown right now; correct?
A. Correct.

MR. PIOTROWSKI: Thank you. That's all. THE HEARING OFFICER: Thank you, Mr. Piotrowski.

Out of courtesy to the Department, Ms. Vega, do you have any additional follow-up questions?

MS. VEGA: Just one, thank you.

## RECROSS-EXAMINATION

## QUESTIONS BY MS. VEGA:

Q. And if I may, this question goes back to your earlier testimony. There was some discussion about the gathering pipelines and the infrastructure that's in place to move hydrocarbons to the processing facility. Do you recall that discussion?
A. Uh-huh.
Q. Is that a "yes"?
A. Yes, I do.
Q. And are there access and/or use agreements
with the owners of the pathway of that pipeline in place?
A. Yes. Yes, we have a right-of-way that extends from the Fallon 110, and it goes basically in an eastward path, and it passes by this well bore, and I described that riser that's on this SUA, and goes to Little Willow over on Simplot and Little Willow field.
Q. And Snake River has permission from all those owners --
A. Yes.
Q. -- along that pathway?
A. Yes, we do.
Q. And is my understanding correct, that the

Idaho Public Utilities Commission is one of the primary regulators of that pipeline?
A. Yes.

MS. VEGA: Thank you.
THE HEARING OFFICER: Thank you, Ms. Vega.
Mr. Christian, you will have the opportunity
to call your next witness. But right now, it's
approximately 10:43 Mountain time. Let's take a
15-minute break, if you all don't mind.
Chris, please pause the recording.
MR. GOZZO: The recording has been paused.
THE HEARING OFFICER: Thank you.

Page 59
(Recess.)
THE HEARING OFFICER: Chris, we're back from break. You can start the recording. I believe our phone is unmuted. And you are shaking your head, which means you are hearing us, and that is awesome.

MR. GOZZO: Yes, the recording has been unpaused.

THE HEARING OFFICER: Thank you, Mr. Gozzo.
Mr. Christian, you may call your next witness.
MR. CHRISTIAN: Thank you, Mr. Administrator.
We'll call Wade Moore, III.
THE HEARING OFFICER: Mr. Moore, are you on the phone?

THE WITNESS: Yes, sir, I am here.
THE HEARING OFFICER: I am going to offer the oath to you.

WADE MOORE, III,
first duly sworn to tell the truth relating to said
cause, testified remotely as follows:
THE WITNESS: Yes, I do.
THE HEARING OFFICER: Thank you.
Mr. Christian, you may proceed.
MR. CHRISTIAN: Thank you.
DIRECT EXAMINATION
QUESTIONS BY MR. CHRISTIAN:
Q. Mr. Moore, can you state your full name for the record?
A. Wade Moore, III.
Q. And what is your job title?
A. Landman.
Q. And are you a landman for Snake River Oil and Gas?
A. Yes, sir.
Q. And working here, in Idaho?
A. Correct.
Q. Have you been at least in the last couple of years responsible for Snake River's leasing efforts in the spacing unit that is the subject of this integration application?
A. Yes, sir, I have.
Q. Does that include both you personally
contacting landowners and you managing contract brokers?
A. That is correct.
Q. Do you have the integration application materials, which is Exhibit SR 1, with you?
A. Yes, I do.
Q. Can you please look at Exhibit E to the application, which is the Resume of Efforts, beginning on, I believe, it's page 73 of the application?
A. Okay. Yes.

THE WITNESS: Yes, sir. Thank you.
THE HEARING OFFICER: Thank you.
Go ahead, Mr. Christian.
MR. CHRISTIAN: Thank you.
Q. (BY MR. CHRISTIAN) Wade, do you have Exhibit $E$ to the application in front of you?
A. Yes, sir.
Q. And that is the resume of efforts made to
contact uncommitted mineral interest owners in the subject spacing unit?
A. That is correct.
Q. Were you responsible for preparing this resume of efforts?
A. I did.
Q. And does it identify all of the uncommitted
mineral interest owners in the unit?
A. Yes, sir.
Q. There is, Mr. Brown, I think testified to this, but there is one owner who has since been leased; correct?
A. That is correct.
Q. Is that the Mussers?
A. Yes, they did lease.
Q. And that is at least on the resume of efforts, that's Tract No. 2?
A. That is correct.
Q. Okay. Did you personally direct at least two contacts with each of the uncommitted mineral interest owners in the last two months before the application was filed or longer?
A. Yes, I did.
Q. Okay.
A. And it's been longer, yes.
Q. Okay. Can you generally describe what your efforts were?
A. Efforts, recent efforts, aside from the efforts that were a couple years ago. The recent efforts started in around December of 2020 and carried over about four months until April.
Q. Did they include in-person and mail contacts?

Page 63
A. Attempted in-person and mail contacts.
Q. There were some owners where you attempted to make contact in person and were unable to?
A. Yeah, a lot of nonresponse either by phone and mail showed me not interested in communicating.
Q. Some of the efforts listed on the resume of efforts go back further to the time period of the previous operator, is that correct?
A. That is correct.
Q. But generally it reflects that these owners have all been contacted multiple times over the last few years?
A. Yes, that's correct.
Q. And your mail contacts included the offer letter, which is Exhibit F to the application; is that right?
A. That is correct.
Q. And there has been some discussion of this, but with one exception, the highest bonus offered or paid in the unit was $\$ 100$ an acre; is that right?
A. That is -- yes, that's right.
Q. And the exception is Rita Lockner's one-acre tract; is that right?
A. That is the exception, yes.
Q. Do you have any personal knowledge of how that
particular $\$ 250$ acre payment came to be?
A. I do not have personal knowledge. No, I was not responsible at that time for that leasing effort.
Q. Okay. Does Ms. Lockner own a company that owns other acreage in the unit?
A. Yes, see Donoho Rock and TD Rock.
Q. And are they both leased?
A. Correct.
Q. And were they leased at $\$ 100$ an acre?
A. They were $\$ 100$ an acre, yes, sir.
Q. And to your knowledge is any voluntary lease in the spacing unit at greater than a one-eighth royalty?
A. There is not.
Q. The resume of efforts, which is Exhibit E to the application, reflects just over 90 percent of the mineral acres in the unit leased. Does that track with your knowledge of leasing efforts?
A. Mike, I didn't catch your full question. I apologize. Can you repeat?
Q. The resume of efforts reflects a percent leased of just over 90 percent. Is that accurate to your knowledge?
A. That is accurate, yes.
Q. The lease that was taken since the application
the Mussers, can you tell me what the bonus and royalty and lease term were for that lease?
A. Musser was paid $\$ 100$ per acre, and a one-eighth royalty.
Q. And what was the term?
A. Five years primary, three year optional.
Q. Okay. There has been some other discussion of this previously, but the proposed well site in this unit is going to be on Fallon Enterprises land; is that correct?
A. That is correct.
Q. And is the anticipated well going to be directionally drilled?
A. To my knowledge it will be a directional drill.
Q. And is it generally is the anticipated path the well bore to the south from the well path?
A. As my understanding goes, that is correct.
Q. And is it your understanding that the anticipated path of the well bore will cross land that is all currently leased?
A. Yes, sir.
Q. Can you look at your declaration, Wade, which is Exhibit B to the application?
A. Okay.
Q. And I'll direct to -- first of all, have you reviewed the declaration?
A. Yes, I'm there, Mike. I'm ready.
Q. Okay. Is there anything in that declaration
that has changed to your knowledge since the time you signed it?
A. No, sir. Other than the Musser -- I'm reading it right now. It doesn't identify individual names as far as being leased and that ultimate change was we picked up another lease. So other than that, no, nothing has changed.
Q. And is the discussion in paragraph 7 of your declaration regarding the factors behind the suggested risk penalty, are all of those facts still true?
A. To my knowledge, yes.

MR. CHRISTIAN: I don't think I have any other questions.

THE HEARING OFFICER: Thank you, Mr. Christian.

Mr. Piotrowski, you may ask questions of the witness. Mr. Piotrowski, you are still muted.

Chris, can you help with anything on our end?
He's not looking at the camera. Mr. Piotrowski? See, if we can get him when he's looking. Chris, standby.
Chris, I'm not hearing you either. We have a problem.

Page 67
We may have lost the line here. Let's see what I can do on our end.

And, Mr. Piotrowski, I'm sure it's quite
eloquent. Please hold that thought.
(Court Reporter technical difficulties.)
(Off the record.)
THE HEARING OFFICER: Mr. Piotrowski, please start over with your questions of the witness. And thank you for your patience.

MR. PIOTROWSKI: Thank you, sir. CROSS-EXAMINATION
QUESTIONS BY MR. PIOTROWSKI:
Q. Mr. Moore, the point I'm trying to get at is merely that there is a lease that included a bonus payment of $\$ 250$ for a one-acre tract within this spacing unit; correct?
A. That is correct.
Q. Okay. And all of the other leases were at $\$ 100$ per acre; correct?
A. That is correct.
Q. And $\$ 100$ for all tracts under an acre?
A. Yes, sir.
Q. Okay. And the one exception is the one tract that received a $\$ 250$ bonus payment on one-acre tract; right?
A. That is correct, Ms. Rita Lockner, correct.
Q. Okay. Is there any way at the moment to estimate the value of the royalties that the lessors are likely to receive if and when this well is drilled?
A. I'm not the person to try to even guess at that. I would have to defer to a reservoir engineer.
So to answer your question, no, I can't do that.
Q. All right. And so in entering into these leases, did you make any statement to the potential lessors about what they could expect to earn in royalties?
A. I personally did not, no.

MR. PIOTROWSKI: Thank you. That's all the questions I have.

THE HEARING OFFICER: Thank you, Mr. Piotrowski.

Ms. Vega, you may ask questions of the witness.

MS. VEGA: No questions.
THE HEARING OFFICER: For the record,
Ms. Vega, did not have any questions to ask of the witness. And I only mention that to make sure we get it recorded.

Does Snake River have any questions for the witness?

Page 69
Q. Thank you for that answer. Can we include a condition in the integration that states that?
A. I don't know if I can give you the directives to do that, but my opinion is that it would be okay to do so.
Q. Thank you. And to bring up the $\$ 250$ bonus payment again, albeit briefly, can you confirm on the record that -- well, excuse me. Let me go back and make sure we cover this.

The statute does say ini 47-320, that the affidavit stating the highest bonus payment paid to a leased owner in the spacing unit be integrated prior to filing the integration application. There is no exemptions for erroneous departures.

Mr. Moore, I would like you to confirm that this rate, confirm this $\$ 250$ rate for the record for me, as the only evidence we have right now in this application?
A. Yes, sir, that is correct.
Q. Let me scan my questions one more time.
A. Did you hear me?
Q. Yes, I did. Thank you, Mr. Moore.
A. Okay.
Q. Mr. Moore, one of the reasons the application gives to requesting a 300 percent risk penalty is that
this is a wildcat area. Is this truly a wildcat area given the Barlow 114 well is drilled nearby? A. Again, just based on my knowledge in the oil and gas experience, and I would say, yes, because there is not really much production to base our understanding on as far as the geologic of this field. As a landman,
you know, again, my best answer is going to be, yes, it on as far as the geologic of this field. As a landman,
you know, again, my best answer is going to be, yes, it is due to the lack of production -- let me say this -- proven production.
Q. Mr. Moore, in your opinion, at what point is
Q. Mr. Moore, in your opinion, at what point is
something is basically a field or a well site no longer a wildcat well?
A. Oh, gosh. Again, you are having a landman answer those kind of questions. You know, I'm going to have to say, as far as proven production, if you get ten years of proven production out of one area, constant proven production, I think, you would probably be at a
wildcat phase. That's just my -- again, Mr. Thomas, proven production, I think, you would probably be at
wildcat phase. That's just my -- again, Mr. Thomas, that's my opinion. I don't have any basis of that. Qat's my opinion. I don't have any basis of that. Mr. Moore. That's adequate.
Mr. Moore, I want to ask you a few questions regarding reaching out to folks, and I think that's more in your purview. Some of the attempts to contact owners occurred, according to the application, on December 28th with the second occurring on February 25th, specifically
the River Ridge Estates and the Larsons. That is 56 days between contacts, which is less than the 60 day required statutes.

Was there any contact attempts made after
February 25th? We have one entry that says, March 24th,
no response to offer. Was there a contact then, or just a confirmation that the owner had not contacted Snake River?
A. It was an additional contact.
Q. Please say that again for me?
A. It was an additional contact.
Q. There was?
A. Yes. Sorry about that. Yes.
Q. Okay. There was, yes. Thank you.

The last question. Mr. Moore, I see that the prior operator's efforts are included in the resume. Should the attempts the prior operator made to reach an agreement with mineral interest owners be considered a separate occasion to inform the uncommitted owners of the applicants intention to develop a mineral resource in the proposed spacing unit? And the crux of the question is, should the attempt made by the prior operator be considered a separate occasion?
A. Probably, yes. I mean, I don't know how to answer that. I mean, it's the same -- the same
landowners have then attempted many times, whether we want to say it's separate or not. I don't know how to answer that.
Q. You did a good job. Thank you, Mr. Moore, I appreciate it.

THE HEARING OFFICER: I don't have any additional questions at this time for the witness.

Counsel, if you would like to redirect?
MR. CHRISTIAN: I don't have anything further. Thank you.

THE HEARING OFFICER: Thank you. Counsel, you may call your next witness.

MR. CHRISTIAN: That is our last witness.
THE HEARING OFFICER: Okay. Very good. Thank you.

In that case, Mr. Piotrowski, do you have any witnesses you would like to call?

MR. PIOTROWSKI: We have no witnesses to present.

THE HEARING OFFICER: Thank you.
Ms. Vega, do you have any witnesses you would like to call?

MS. VEGA: No, thank you. However, if I may, not a witness question. Pursuant to the pre-hearing order, the Idaho Department of Lands did submit an

Exhibit, IDL 1. I had received word from Mr. Christian that he would stipulate to the admissibility of this exhibit. I didn't hear from Mr. Piotrowski. But are you wanting the Department to prove up this exhibit or provide information about it?

THE HEARING OFFICER: Well, let's start with while we're all here, Mr. Piotrowski?

MR. PIOTROWSKI: I have no objections to that exhibit.

THE HEARING OFFICER: Thank you.
MS. VEGA: And I would offer it. It is really
just demonstrative for the use of you, as the
Administrator, demonstrative of the field, and the different administrative matters that have taken place since 2015.

THE HEARING OFFICER: Thank you, Ms. Vega. I certainly admit the exhibit. I appreciate that.

MS. VEGA: Thank you.
(Exhibit IDL 1 admitted.)
THE HEARING OFFICER: Well, folks since the witnesses are finished, the parties may now offer closing arguments. I'm not putting a hard limit on these closing arguments. Tentatively, I would like to go under 20 minutes. But we're far enough in the calendar, that each can talk as they need.

Page 75
Snake River, you may make a closing argument at this time.

MR. CHRISTIAN: Thank you, Mr. Administrator. As a housekeeping matter, I don't know that I've formally moved the admission of Exhibit SR 1. To the extent necessary, I will do so. I think the administrative rules are fairly flexible on that point. But I would move the admission. Multiple witnesses have testified of their knowledge to it, and it's been on the docket for months. So I suppose if anybody else has any objection to it, we can discuss it, but...

THE HEARING OFFICER: Thank you,
Mr. Christian.
(Exhibit SR 1 admitted.)
MR. CHRISTIAN: One second. Sorry.
Mr. Administrator, I don't have a lot to add as
commentary to the closing, other than to say, Mr. Brown, in particular, provided testimony regarding the key proposed terms and conditions of integration, which are not provided for by statute, which in this case would be the lease, form of lease, and the form of joint operating agreement, and the bonus to be paid under the lease. And for each of them have established that they are consistent with industry standards.

Mr. Brown testified that his 40 years of
experience in the industry, and both of those forms have been used throughout his experience in many states. He testified to establish that they are consistent with terms previously accepted or rejected by courts or other oil and gas administrative agencies, specifically in this case, the use of the form of JOA and previous integrations; and the use of the Form 610 generally by the state of Arkansas, apparently in all integrations; and applicable to the unit and its operations; and similar to other agreements within or nearby the unit. Mr. Brown, testified that the proposed form of lease in particular was similar, very similar to other voluntarily leases, both within the unit and in surrounding areas in terms of its form, and bonus, royalty, and term.

There was not any contrary testimony or evidence provided by the objecting mineral owners to establish that there was a reason for a different term or condition to be appropriate. There was no testimony or evidence established that other terms and conditions should be offered, other than I think the suggestions by Mr. Piotrowski, that at least indirectly that an operator ought to be responsible for diminution of property value. On that subject specifically, there was no evidence offered to get beyond speculation, that any

Page 77
diminution of property value could occur or would occur in the future. And, in fact, the testimony of Mr. Brown was that in his 40 years of experience in the industry, nobody has -- no lessee included such a term in their lease, in voluntary leases.

There was no other evidence or testimony provided that the proposed terms in the application, including those addressed at drilling equipment and operating the well, or are not either consistent with the act, or that there are additional conditions necessary given the specific conditions of this unit.

There was testimony about how the drill site and the well bore will physically occupy property within the unit. And the testimony was that it will all be on the land of voluntary lease owners. To the extent there may be any future use of the uncommitted owners surface estate, there was testimony from Mr. Brown that the lease provides surface owner protections in the way of compensation for surface damages and indemnity for potential liabilities. And, of course, Idaho Code 47-334 remains out there.

There is no testimony or evidence provided by any party that additional bonding should be required. And there was testimony from Mr. Brown that the proposed forms do not limit integrated owners that do not choose
to participate from pursuing any private right of action they may have against the operator for future harms.

So for those reasons we submit that the terms of integration that are proposed in the application are just and reasonable and in accordance with the factors set forth by the administrator in his previous order, and that the application should be granted.

THE HEARING OFFICER: Thank you, Mr. Christian.

MR. CHRISTIAN: Thank you.
THE HEARING OFFICER: Mr. Piotrowski, you may make --

MR. PIOTROWSKI: Thank you, Mr. Thomas.
THE HEARING OFFICER: -- closing statements.
MR. PIOTROWSKI: In your earlier ruling, you had indicated already there would be no opportunity to seek additional compensation. And I took that ruling at face value, that the compensation terms of this were set by statute, and there was not much going to be adjusting of the terms, so we haven't done so.

With that said, what Snake River Oil and Gas requests of you is that for $\$ 100$ and one-eighth, it should be permitted to drill as many wells as it can justify in this spacing unit in both this proceeding and any future proceedings, it may. And that the
integration order will provide $\$ 100$ an acre and a one-eighth royalty, whether there is one well, two wells, ten wells, or 200 wells. That is neither just nor reasonable. And no set of other terms could make it just or reasonable.

The fact is that the integration order should be denied, because the law as clearly established in Idaho by the commission, and by the Department, prevents landowners from getting the fair value of their
property. I know you'll disagree, but that's our position. And on the that basis, the Department should deny the application.

THE HEARING OFFICER: Thank you, Mr. Piotrowski.

Ms. Vega, would you like to make any closing arguments?

MS. VEGA: No closing arguments. Thank you.
THE HEARING OFFICER: Again, just out of convenience. Ms. Vega, and the Department are not providing any closing arguments.

Snake River, if you would like, you may provide rebuttal at this time.

MR. CHRISTIAN: A short rebuttal, Mr. Administrator, in fact, there is abundant evidence in the record establishing fair value. Mr. Brown
testified at length and as did Mr. Moore, that every voluntary lease in this unit and the vast majority of voluntary leases in the area are at a one-eighth royalty. That's the market. Likewise, with the one exception of Ms. Lockner, and granting, you know, the statute says what it says. Every voluntary lease in this unit and in the surrounding area is at a $\$ 100$ bonus.

And Mr. Brown testified that the form of lease proposed is consistent with the form used with many other lessors in the unit and in the area. So there is, in fact, evidence, substantial evidence in the record establishing the market value for a lease of minerals in the area.

That's all I have. Thank you.
THE HEARING OFFICER: Thank you, Mr. Christian.

I would like to put out a thank you all for coming today. We will have a public comment period in this hall tonight at this location at 6:00 p.m. I'll be here. Maybe the only one here zooming in, it could be brief. But anyone is welcome to come and provide public comment at that time.

However, for this proceeding, it is now 11:34 a.m. Mountain time, and the hearing is concluded. I

Page 81
will take this under advisement and issue a written order. Thank you everyone for your participation today. Chris, you can pause the recording at this time.

MR. GOZZO: The recording has been stopped.
THE HEARING OFFICER: Thank you.
(The hearing concluded at 11:34 a.m.)

|  | 82 |
| :---: | :---: |
| 1 | REPORTER'S CERTIFICATE |
| 2 | I, COLLEEN P. DOHERTY, CSR No. 345, Certified |
| 3 | Shorthand Reporter, certify: |
| 4 | That the foregoing proceedings were taken |
| 5 | before me at the time and place therein set forth, at |
| 6 | which time the witness was put under oath; |
| 7 | That the testimony and all objections made were |
| 8 | recorded stenographically by me and transcribed by me or |
| 9 | under my direction; |
| 10 | That the foregoing is a true and correct record |
| 11 | of all testimony given, to the best of my ability; |
| 12 | I further certify that I am not a relative or |
| 13 | employee of any attorney or party, nor am I financially |
| 14 | interested in the action. |
| 15 | IN WItNeSS Whereof, I set my hand and seal this |
| 16 | 17 th day of August, 2021. |
| 17 |  |
| 18 |  |
| 19 | Aolluri shi |
| 20 |  |
| 21 | COLLEEN P. DOHERTY, CSR 345 |
| 22 | Notary Public |
| 23 | P.O. Box 2636 |
| 24 | Boise, Idaho 83701-2636 |
| 25 | My commission expires September 7, 2023. |



| 7:12 | 27:4;29:12 | 45:4 | CC-2021-OGR-01-001 (2) |
| :---: | :---: | :---: | :---: |
| aside (2) | begin (1) | business (5) | 5:16;6:23 |
| 40:5;62:21 | 11:1 | 12:24;17:23;27:20;35:6;47:9 | cell (1) |
| aspects (2) | beginning (3) | buy (2) | 6:16 |
| 6:6;31:4 | 22:16;46:16;60:23 | 32:21,22 | certain (2) |
| $\underset{50: 10}{\text { assignment (1) }}$ | begins (1) 15:11 | C | $33: 19 ; 41: 17$ |
| associated (1) | behalf (2) |  | 31:12;32:14;35:14;53:6; |
| 15:25 | 16:24;35:5 | CAIA (2) | 74:17 |
| Association (1) | behind (2) | 7:22;8:3 | Chad (4) |
| 17:21 | 33:24;66:13 | Caldwell (1) | 47:23;48:1,2,10 |
| assume (2) | best (2) | 48:1 | change (5) |
| 33:10;53:11 | 37:3;71:7 | calendar (2) | 5:10,11;50:10;52:17;66:9 |
| attached (3) | better (4) | 33:7;74:25 | changed (4) |
| 22:18;27:25;52:14 | 12:20;40:17;41:10;44:9 | call (10) | 6:5;49:16;66:5,11 |
| attachments (2) | beyond (2) | 11:1,13,16;54:22;58:20;59:9, | charge (2) |
| 27:6;28:24 | 57:5;76:25 | 11;73:12,17,22 | 54:4,8 |
| attempt (1) | bit (8) | called (1) | check (1) |
| 72:22 | 8:23;13:13,13;46:6;48:17; | 9:15 | 46:20 |
| Attempted (3) | 52:5,23;61:6 | call-in (1) | choose (4) |
| 63:1,2;73:1 | body (3) | 6:8 | 24:17;26:13;27:3;77:25 |
| attempts (3) | 18:19;25:3;45:8 | calling (1) | Chris (8) |
| 71:23;72:4,17 | Boise (1) | 54:10 | 7:5;54:15;58:23;59:2;66:22, |
| attorney (1) | 5:24 | calls (2) | 24,25;81:3 |
| 40:9 | bonding (1) | 35:18;36:3 | Christian (51) |
| audio (3) | 77:23 | came (2) | 8:22;9:1,2;11:4,7,11,12,23; |
| 5:7,11,12 | bonus (17) | 18:5;64:1 | 12:2,22;26:2,5;35:18;36:3,21, |
| August (2) | 20:6;21:15;28:6,23;29:23; | camera (1) | 23;37:5;40:4;46:8,10,14;48:17, |
| 5:17;6:25 | 38:23;46:20,25;63:19;65:1; | 66:23 | 54:22,23;55:1,4;56:3,6;58:19; |
| available (1) | 67:14,24;70:6,11;75:22;76:14; | can (51) | 59:9,10,22,23,25;61:1,13,14, |
| 10:12 | 80:8 | 5:1;7:1,18;9:23;12:3,22; | 15;66:16,19;69:1;73:9,13;74:1; |
| aware (3) | bore (12) | 13:24;14:1;15:14;17:19;19:8, | 75:3,13,15;78:9,10;79:23; |
| 32:1;38:18;47:8 | 49:2,3,4,8;50:20;51:4,7,9; | 19;23:10;25:24;26:1,6,24; | 80:17 |
| away (2) | 58:5;65:17,20;77:13 | 28:15;30:4;33:24;37:2;38:10; | circumstances (1) |
| 48:17;69:24 | both (6) | 41:12;42:4;43:19;46:8;47:24; | 35:14 |
| awesome (1) | 13:8;60:16;64:7;76:1,13; | 48:17;50:12;52:10;54:18; | City (1) |
| 59:5 | 78:24 | 55:10;59:3;60:1,22;61:6;62:19; | 5:17 |
|  | bottom (1) | 64:20;65:1,23;66:22,24;67:1; | claims (2) |
| B | 31:15 | 69:14;70:1,3,7;74:25;75:11; | 33:19,20 |
|  | break (4) | 78:23;81:3 | clarification (1) |
| back (13) | 34:20,22;58:22;59:3 | cap (1) | 29:15 |
| $20: 1 ; 24: 21 ; 28: 10,12 ; 30: 15$ | brief (2) | 19:17 | clarify (3) |
| $37: 24 ; 38: 1,8 ; 40: 18 ; 57: 17 ; 59: 2$ | 56:8;80:22 | capacity (3) | 28:22;40:12;44:7 |
| 63:7;70:8 | briefly (1) | 8:4;13:3,4 | clarity (2) |
| background (2) | 70:7 | car (1) | 55:2;69:7 |
| $12: 14,15$ | bring (1) | 11:14 | clear (1) |
| backup (1) | 70:6 | career (1) | 29:2 |
| 6:10 | broadly (1) | 18:4 | clearly (3) |
| Barlow (2) | 54:5 | carried (1) | 6:15;61:9;79:7 |
| 55:23;71:2 | broker (1) | 62:23 | clients (1) |
| base (1) | 38:22 | case (12) | 10:19 |
| 71:5 | brokers (1) | 8:1;10:11,25;16:18,21;26:6; | closer (1) |
| based (2) | 60:17 | 32:25;33:17;47:18;73:16; | 12:18 |
| 33:13;71:3 | Brown (33) | 75:20;76:6 | closing (9) |
| basically (4) | $9: 8 ; 11: 13,16,19 ; 12: 5 ; 26: 11 \text {, }$ | catch (1) | $8: 14 ; 74: 22,23 ; 75: 1,17 ; 78: 14$ |
| 15:21;16:20;58:4;71:11 | 24;27:1;28:22;35:23;36:16; | 64:19 | $79: 15,17,20$ |
| basis (5) | 37:3,9,23;40:8;43:3;48:18,22; | cause (3) | Code (5) |
| 16:10,10;19:8;71:19;79:11 | $50: 9 ; 51: 15 ; 54: 21 ; 55: 5 ; 56: 12$ | 11:21;31:4;59:19 | 5:19;6:3;7:15;48:25;77:20 |
| batteries (1) | 62:3;69:7;75:17,25;76:11;77:2, | caused (6) | college (1) |
| $23: 14$ | 17,24;79:25;80:9 | 30:23;31:19,21,23;33:20; | $27: 17$ |
| bear (1) | buildings (4) | $34: 7$ | coming (1) |
| 36:2 | 23:19;31:17;47:19,19 | causes (1) | 80:19 |
| become (2) | bullet (1) | 34:25 | comment (3) |



| $28: 7,14 ; 67: 5$ | 71:8 | 21:8;36:24;37:4;74:24 | exception (6) |
| :---: | :---: | :---: | :---: |
| diminish (1) | duly (2) | ensure (1) | 52:17;63:19,22,24;67:23; |
| 37:16 | 11:20;59:18 | 7:2 | 80:5 |
| diminution (6) | during (1) | enter (1) | excess (2) |
| 37:6,20;47:5,12;76:23;77:1 | 43:15 | 27:3 | 15:8,9 |
| direct (6) |  | entering (2) | Excuse (5) |
| 7:6;12:1;13:22;59:24;62:12; | E | 29:9;68:8 | 10:9;20:23;44:10;54:3;70:8 |
| 66:1 |  | Enterprises (3) | exemptions (1) |
| directional (1) | earlier (5) | 49:23;51:23;65:9 | 70:14 |
| $65: 14$ | 18:2;22:11;39:21;57:18; | entire (1) | exercise (1) |
| directionally (1) | $78: 15$ | 49:1 | 28:19 |
| 65:13 | early (1) | entry (1) | exercising (1) |
| directives (1) | $7: 20$ | 72:5 | $24: 18$ |
| 70:3 | earn (1) | enumerated (1) | exhibit (49) |
| disagree (1) | 68:10 | 51:4 | $7: 3,7 ; 13: 23 ; 14: 1,5,13 ; 15: 2$ |
| 79:10 | earth (1) | envisioned (1) | $10,11 ; 16: 13 ; 17: 18 ; 19: 19 ; 20: 2$ |
| disconnected (1) | $49: 4$ | $54: 3$ | $23: 7 ; 27: 7,10 ; 37: 24 ; 38: 9 ; 40: 13,$ |
| $6: 21$ | easily (1) | equipment (2) | $18 ; 41: 6,18,19,19,20,21,22,24$ |
| discuss (3) | 51:15 | 23:13;77:8 | $42: 3,18 ; 44: 10,10,14 ; 45: 3,16$ |
| 36:12,14;75:11 | eastward (1) | erroneous (2) | $60: 20,22 ; 61: 15 ; 63: 15 ; 64: 15$ |
| discussion (5) | $58: 5$ | 38:21;70:14 | 65:24;74:1,3,4,9,17,19;75:5,14 |
| 57:18,21;63:18;65:7;66:12 | effort (2) | escalated (1) | Exhibits (2) |
| displayed (3) | 9:24;64:3 | 37:17 | 6:24;7:1 |
| $7: 5,8,8$ | efforts (20) | Essentially (3) | exist (1) |
| disturbance (2) | 9:20,23;13:17;43:12;60:12, | 7:22;9:18;17:6 | 56:17 |
| $6: 19,20$ | 23;61:18,23;62:9,20,21,21,22, | establish (4) | existing (2) |
| division (1) | 23;63:6,7;64:15,18,21;72:16 | 9:6,9;76:3,18 | $19: 9 ; 42: 25$ |
| $5: 25$ | eighth (1) | established (5) | exists (1) |
| Dixon (1) | 21:6 | $9: 17 ; 10: 11 ; 75: 23 ; 76: 20 ; 79: 7$ | $37: 8$ |
| $48: 1$ | either (8) | establishing (2) | expand (1) |
| Docket (3) | $24: 1 ; 26: 15 ; 41: 13 ; 48: 2,10$ | 79:25;80:13 | $52: 10$ |
| 5:15;6:22;75:10 | $63: 4 ; 66: 25 ; 77: 9$ | estate (2) | expect (3) |
| document (4) | elected (3) | 47:19;77:17 | 11:7;50:2;68:10 |
| 40:20,21;44:16,18 | 17:14;43:7,16 | Estates (1) | expectation (2) |
| Documents (3) | elects (2) | 72:1 | 41:14;42:24 |
| 6:22;7:3;45:22 | 16:6;19:8 | estimate (1) | expenses (1) |
| doke (1) | elements (2) | 68:3 | 15:25 |
| 25:7 | 9:6;47:16 | even (3) | experience (11) |
| done (3) | eloquent (1) | 56:17;61:5;68:5 | 12:23;13:5;18:7;22:10;44:2; |
| 6:16;43:5;78:20 | 67:4 | event (1) | 47:8;54:10;71:4;76:1,2;77:3 |
| Donoho (1) | else (2) | $16: 5$ | experienced (1) |
| $64: 6$ | 41:9;75:10 | everyone (7) | $23: 23$ |
| Down (6) | elsewhere (1) | $5: 6 ; 6: 14 ; 7: 24 ; 28: 13,15 ; 46: 6$ | explain (2) |
| 14:22;25:17;32:7;49:4;52:5; | $23: 6$ | $81: 2$ | $16: 17 ; 30: 11$ |
| $57: 4$ | emailed (1) | evidence (18) | extend (3) |
| draft (1) | 7:24 | 7:4,10;8:9,10,12,13;10:16, | $31: 13 ; 45: 4 ; 46: 1$ |
| $44: 24$ | employed (1) | $17 ; 37: 15 ; 70: 17 ; 76: 17,20,25$ | extends (1) |
| drafting (2) | $39: 10$ | 77:6,22;79:24;80:12,12 | $58: 3$ |
| 42:19;44:21 | employee (2) | evidentiary (1) | extension (2) |
| drill (15) | 39:13;41:9 | 5:19 | 20:24;45:20 |
| 9:20;30:2;32:23;48:23,24; | encouragement (1) | exact (1) | extent (3) |
| 49:6,7,9;53:6,18;55:15,21; | $53: 7$ | 36:13 | 33:23;75:6;77:15 |
| 65:15;77:12;78:23 | end (3) | exactly (2) |  |
| drilled (9) | 28:13;66:22;67:2 | 11:9;50:4 | F |
| 24:10;43:22,23;53:9;65:13; | enforceable (1) | EXAMINATION (6) |  |
| $68: 4 ; 69: 9,13 ; 71: 2$ | $41: 5$ | 12:1;46:13;48:20;55:3; | face (1) |
| drilling (16) | engage (1) | 59:24;69:4 | 78:18 |
| $22: 22,23 ; 23: 3 ; 34: 23 ; 36: 17$ | $22: 23$ | example (5) | facility (1) |
| 50:18,23,25;51:2,2,7;53:5; | engineer (1) | 42:2,3,17;47:18;51:20 | $57: 20$ |
| $55: 6 ; 56: 24 ; 57: 5 ; 77: 8$ | 68:6 | excellent (1) | fact (12) |
| dry (1) | engineering (1) | $28: 20$ | 10:16;21:5,15;27:12;34:24; |
| $32: 23$ | $42: 19$ | except (1) | $37: 16 ; 44: 25 ; 46: 23 ; 77: 2 ; 79: 6$ |
| due (1) | enough (4) | $10: 16$ | $24 ; 80: 12$ |


| factors (9) | followed (1) | Gas' (1) | happened (2) |
| :---: | :---: | :---: | :---: |
| 7:12,13,17,23;9:8,17;10:10; | 8:10 | 34:14 | 39:7,8 |
| 66:13;78:5 | follows (2) | gathering (3) | hard (4) |
| facts (1) | 11:21;59:19 | 57:19;69:19,20 | 24:9,11;26:19;74:22 |
| 66:14 | follow-up (3) | general (1) | harm (1) |
| fails (1) | 54:23;56:8;57:13 | 40:9 | 34:17 |
| 33:5 | footages (1) | generally (9) | harmless (2) |
| fair (3) | 50:7 | 15:16,24;16:17;19:1;22:25; | 33:19;36:20 |
| 57:3;79:9,25 | footing (1) | 62:19;63:10;65:16;76:7 | harms (2) |
| fairly (2) | 19:5 | gentleman (1) | 24:19;78:2 |
| 21:13;75:7 | forced (1) | 39:14 | head (3) |
| Fallon (4) | 10:19 | geologic (1) | 24:12;35:9;59:4 |
| 49:23;51:23;58:4;65:9 | form (55) | 71:6 | hear (4) |
| familiar (6) | 9:9,10;15:15;16:3,12,13; | given (4) | 8:9;28:15;70:21;74:3 |
| 13:19;17:22;32:17;39:3; | 17:6,17,19,22,22;18:2,7,11,15, | 46:24;53:7;71:2;77:11 | heard (1) |
| 44:16,24 | 18,20,23;19:2,11,13,16,22; | gives (1) | 37:3 |
| far (7) | 20:2;21:8,10,23;22:7,13;23:23; | 70:25 | HEARING (76) |
| 5:5;17:3;24:14;66:9;71:6,15; | 24:16;25:24;26:11;29:7,8,17; | goes (7) | 5:1,4,19;6:2,6,6,8,10,13;7:10; |
| 74:24 | 40:25;44:11;45:14,18;46:16, | 30:13,15,16;57:17;58:4,6; | 8:8,16;10:2,5,13,21;11:5,9,18, |
| farming (2) | 24;47:22;48:6,6,11,12;75:21, | 65:18 | 22;12:17,21;26:4,20,23;28:10, |
| 31:11,12 | 21;76:6,7,11,14;80:9,10 | Good (13) | 15;35:20;36:5,9,23;39:25; |
| faux (1) | formally (1) | 5:1,12;10:5;27:15,18;40:8, | 42:11;46:5,12;48:16,21;54:20, |
| 11:10 | 75:5 | 10;45:9;46:23;54:19;61:6;73:4, | 25;56:5;57:10;58:18,25;59:2,5, |
| February (2) | forms (4) | 14 | 8,12,15,21;61:1,12;66:18,25; |
| 71:25;72:5 | 22:8;48:3;76:1;77:25 | gosh (1) | 67:7;68:15,20;69:2,5;73:6,11, |
| feed (1) | forth (1) | 71:13 | 14,20;74:6,10,16,20;75:12; |
| 31:18 | 78:6 | governed (1) | 78:8,11,14;79:13,18;80:16,25; |
| feel (1) | found (3) | 27:5 | 81:5,6 |
| 8:25 | 7:19;56:20;69:12 | governing (1) | help (1) |
| feet (3) | foundation (1) | 18:19 | 66:22 |
| 25:21,22;69:24 | 36:22 | Gozzo (6) | higher (1) |
| fences (2) | four (5) | 7:5,7;58:24;59:6,8;81:4 | 19:13 |
| 23:12;31:18 | 18:6;24:6;29:16;45:3;62:24 | grant (1) | highest (3) |
| few (5) | frame (2) | 46:6 | 38:23;63:19;70:11 |
| 40:12;48:18,23;63:11;71:21 | 43:10,15 | granted (1) | Highway (1) |
| field (5) | free (1) | 78:7 | 30:17 |
| 39:11;58:7;71:6,11;74:13 | 8:25 | granting (1) | hold (4) |
| filed (2) | front (4) | 80:5 | 33:19;36:20;38:4;67:4 |
| 13:20;62:15 | 13:24;14:8;32:6;61:16 | grass (1) | hole (1) |
| filing (2) | Fruitland (2) | 31:17 | 32:23 |
| 21:10;70:13 | 5:17,18 | gray (1) | honorable (1) |
| fill (1) | fulfill (1) | 14:13 | 11:10 |
| 53:18 | 7:14 | great (1) | hop (1) |
| find (1) | full (4) | 28:12 | 52:5 |
| 38:4 | 12:3;47:24;60:1;64:19 | greater (1) | hope (1) |
| finished (1) | function (1) | 64:12 | 53:6 |
| 74:21 | 69:17 | ground (4) | horizontal (1) |
| First (11) | FURTHER (3) | 30:12,15;69:23,25 | 56:24 |
| 5:15;8:9;11:2,13,20;29:5; | 55:3;63:7;73:9 | group (1) | hour (1) |
| 30:21;48:24;59:18;66:1;69:8 | future (6) | 41:10 | 8:19 |
| five (7) | 24:19;57:4;77:2,16;78:2,25 | growing (2) | housekeeping (3) |
| $\begin{aligned} & 8: 8 ; 20: 20,23 ; 22: 24 ; 42: 21 ; \\ & 49: 25 ; 65: 6 \end{aligned}$ | G | $\begin{aligned} & 30: 23 ; 31: 17 \\ & \text { guess (2) } \end{aligned}$ | 5:5;6:4;75:4 <br> hydrocarbons (3) |
| five-year (3) |  | 41:10;68:5 | 56:13;57:1,20 |
| 20:19,21,24 | gap (1) | GUZZO (1) |  |
| fix (2) | 21:16 | 5:3 | I |
| 34:20,22 | gas (35) ${ }^{\text {(3) }}$ |  |  |
| flexible (1) | 6:2;8:6;9:3;12:12,24;16:14; | H | Idaho (20) |
| 75:7 | 17:23;18:8,19;26:17,22;27:6; |  | 5:18,19,24;6:3;7:15,19;8:12; |
| folks (3) | 30:3,14,21;33:18;34:6,10,18, | Hall (2) | 12:7;13:8,14,16;24:3;31:13; |
| 16:21;71:22;74:20 | 23;35:1,5,25;36:2,17,19;37:10, | 5:17;80:20 | 43:6;48:25;58:14;60:9;73:25; |
| follow (2) | 13,21;52:14;54:16;60:7;71:4; | happen (1) | 77:20;79:8 |
| 8:9;50:2 | 76:5;78:21 | 33:3 | IDAPA (1) |


| 6:9 | inflation (1) | inundate (1) | lack (2) |
| :---: | :---: | :---: | :---: |
| idea (1) | 32:18 | 48:22 | 36:22;71:8 |
| 24:12 | inform (1) | investors (1) | land (6) |
| identical (2) | 72:19 | 16:20 | 12:25;29:24;31:12;65:9,20; |
| 41:17;43:2 | information (5) | involved (6) | 77:15 |
| identified (2) | 40:15;44:13,22;69:8;74:5 | 24:3,13;43:11,13;44:21;48:2 | landman (17) |
| 22:9;29:19 | infrastructure (1) | involves (1) | 13:2,4;38:20,20,22;39:2,6,9, |
| identify (4) | 57:19 | 15:24 | 11,12;47:9,11;53:12;60:5,6; |
| 8:24;15:14;61:25;66:8 | ini (1) | isolated (1) | 71:6,13 |
| IDL (3) | 70:10 | 49:6 | Landmen (1) |
| 8:7;74:1,19 | in-person (2) | issue (2) | 17:21 |
| III (3) | 62:25;63:1 | 9:23;81:1 | landowner (1) |
| 59:11,17;60:3 | inserted (2) | issued (1) | 23:14 |
| imaginable (1) | 42:17,25 | 55:16 | landowners (3) |
| 35:14 | installation (1) | item (6) | 60:17;73:1;79:9 |
| immediately (1) | 23:13 | 22:20;23:6,17;24:22;25:6,18 | Lands (6) |
| 13:2 | instance (2) | items (2) | 8:13;40:11;50:18;51:10; |
| impact (1) | 16:3;23:11 | 24:21;25:25 | 53:17;73:25 |
| 31:10 | instructing (1) |  | Lands' (1) |
| important (1) | 48:9 | J | 7:19 |
| 31:12 | integrate (1) |  | language (2) |
| improvements (1) | 9:7 | James (1) | 21:12;25:19 |
| 31:18 | integrated (13) | 10:9 | Larsons (1) |
| inaction (1) | 16:6;17:13,14;19:3;20:7; | JOA (9) | 72:1 |
| 27:4 | 37:12;43:7,17,20;50:19;55:19; | 15:13;40:13,19;41:1,5,21,22; | last (7) |
| inadvertently (1) | 70:12;77:25 | 47:22;76:6 | $28: 21 ; 45: 4 ; 60: 11 ; 62: 14$ |
| 38:19 | integration (28) | JOAs (2) | $63: 11 ; 72: 15 ; 73: 13$ |
| include (7) | 7:11,14;9:12,15,18;10:20; | 41:16;43:1 | late (1) |
| 50:19,20;51:3,7;60:16;62:25; | 13:19,23;14:11,15;17:5;43:5, | job (2) | 33:8 |
| 70:1 | 11;44:1,5;52:6;53:1,21,22; | 60:4;73:4 | law (1) |
| included (7) | 54:2;60:13,19;70:2,13;75:19; | joint (11) | 79:7 |
| 17:18;23:1;27:14;63:14; | 78:4;79:1,6 | $9: 10 ; 15: 16,18 ; 16: 3,12 ; 17: 6$ | lawyer (1) |
| 67:14;72:16;77:4 | integrations (4) | $17 ; 19: 11 ; 40: 19 ; 48: 11 ; 75: 21$ | 27:19 |
| includes (1) | 17:2;22:12;76:7,8 | Joy (1) | lead (1) |
| 47:18 | intend (1) | 40:8 | 18:23 |
| including (4) | 9:3 | June (2) | lease (72) |
| 13:17;21:2;38:9;77:8 | intended (1) | 7:9,18 | 9:9;15:5;19:22;20:3;21:5,5,8, |
| inconsistency (2) | 29:19 | justify (1) | 10,16,23;22:2,7,8,13,18,20; |
| 40:15;44:8 | intent (3) | 78:24 | 23:6,7,24;24:16,17,22,22;25:4, |
| indeed (1) | 19:7;25:14,22 intention (1) | K | 24;27:4,5,6,9,13,14,24;28:24; |
| 28:22 | intention (1) $72: 20$ | K | 33:1;38:6;39:4,17,19;45:14,18; |
| 53:2 | interact (1) | key (1) | 46:16,21;47:1,9;52:8,14;53:10; |
| indemnify (2) | 15:20 | 75:18 | 62:8;64:11,25;65:2,2;66:10; |
| 33:18;36:20 | interest (33) | Killebrew (2) | 67:14;75:21,21,23;76:11;77:5, |
| indemnifying (1) | 8:1;10:22;13:6;15:4,19,22; | 50:8;51:23 | 15,18;80:2,6,9,13 |
| . 34:7 | 16:6,15,17;17:10;19:3,4,5,7,9; | kind (5) | leased (19) |
| indemnity (1) | 20:7;23:22;24:2;26:13;28:4; | 21:8;22:1,1;44:21;71:14 | 9:19,21;14:18;26:16;48:24; |
| 77:19 | 41:2;43:7,17;44:5;45:23;48:13; | kinds (1) | 52:1,3,7,13;62:4;64:7,9,17,22; |
| indicated (1) | 53:8;54:5,9;61:19;62:1,13; | 23:19 | 65:21;66:9;69:23,25;70:12 |
| 78:16 | 72:18 | knowledge (14) | leases (25) |
| indicates (1) | interested (1) | 18:1,18;27:21;38:17;63:25; | $10: 18 ; 13: 5 ; 20: 3,16,18 ; 21: 2$ |
| 7:9 | 63:5 | 64:2,11,18,23;65:14;66:5,15; | 13,21;22:14;23:1,3;24:13,13; |
| indirectly (1) | interests (1) | 71:3;75:9 | 27:16,23;29:9,16;38:9;39:20; |
| 76:22 | 31:5 | knowledgeable (1) | 53:11;67:18;68:9;76:13;77:5; |
| individual (2) | internal (1) | 43:14 | 80:3 |
| 8:1;66:8 | 19:15 | known (1) | leasing (5) |
| individuals (1) | interrupt (1) | 43:16 | 13:17;44:13;60:12;64:3,18 |
| 26:13 | 12:16 |  | least (7) |
| industries (1) | into (13) | L | 11:10;18:17;57:6;60:11; |
| 33:15 | 5:5;8:19,21;10:19;27:4; |  | 62:9,12;76:22 |
| industry (5) | 28:11,17;29:9;30:14,14;44:4; | labeled (1) | left-hand (2) |
| 18:3,9;75:24;76:1;77:3 | 49:4;68:8 | 17:18 | 14:5,22 |


| length (1) | Lockner's (1) 63:22 | 40:12;55:15;75:4 | minute (1) |
| :---: | :---: | :---: | :---: |
| lengthy (2) | long (4) | $74 \cdot 14$ | minutes (2) |
| 9:4;53:18 | 18:1;22:5;24:1;52:22 | may (30) | 8:8;74:24 |
| less (3) | longer (4) | 6:20;8:22;11:11,23;24:9,11; | Mississippi (1) |
| 22:24;32:24;72:2 | 20:17;62:15,18;71:11 | 37:1;40:2;42:10;54:9,22,23; | 13:13 |
| lessee (11) | look (7) | 57:17;59:9,22;66:20;67:1; | model (2) |
| 23:17;30:22;31:9,16,22;32:2; | 14:1;22:16;31:8;32:7;41:4; | 68:17;69:8,12,15;73:12,23; | 15:15;26:11 |
| 33:5,17,22;34:6;77:4 | 60:22;65:23 | 74:21;75:1;77:16;78:2,11,25; | moment (7) |
| lessee/operator (1) | looking (13) | 79:21 | 15:7;26:24;30:20;55:8,18; |
| 47:11 | 7:2;14:6;27:10;30:20,21; | maybe (5) | 56:19;68:2 |
| lessee's (3) | 32:5;33:16;34:1;38:13;40:18; | 38:10;50:3;55:2;61:5;80:21 | monetary (1) |
| 31:3,19,22 | 42:12;66:23,24 | mean (4) | 32:17 |
| lessor (4) | loss (4) | 9:16;52:22;72:24,25 | monitor (1) |
| 31:21;34:17;46:21,24 | 34:25;36:17,19;37:11 | means (1) | 8:23 |
| lessors (14) | losses (6) | 59:5 | month (1) |
| 23:23;26:15;29:14;31:3; | 31:21,23;35:15,17,24;37:14 | measure (1) | 33:7 |
| 33:19;34:7;35:14,24;36:18,20; | lost (2) | 33:15 | months (3) |
| 40:16;68:3,10;80:11 | 30:19;67:1 | member (2) | 62:14,24;75:10 |
| lessor's (3) | $\operatorname{lot}(4)$ | 7:5;12:12 | Moore (26) |
| 31:10,23;47:12 | 32:24;33:2;63:4;75:16 | mention (2) | 9:23;11:13;40:17;41:9;44:9; |
| letter (4) | loud (1) | 45:7;68:22 | 45:1;51:15;59:11,12,17;60:1,3; |
| 44:11,23;45:23;63:15 | 35:11 | mentions (2) | 61:2;67:13;69:6,11,18;70:15, |
| liabilities (1) | loudly (1) | 27:11;69:19 | 22,24;71:10,20,21;72:15;73:4; |
| 77:20 | 6:15 | merely (1) | 80:1 |
| liability (5) | Louisiana (1) | 67:14 | more (10) |
| 33:23;34:9,14;35:4,8 | 13:12 | Meridian (1) | 32:15;35:21;42:4;49:3,18; |
| liable (2) | lower (2) | 5:24 | 52:5;54:16;69:14;70:20;71:22 |
| 34:15,18 | 14:5,22 | Mesa (1) | morning (5) |
| likely (1) | lunch (2) | 43:6 | 5:1,10;7:20;40:8,10 |
| 68:4 | 8:19,20 | Mesa's (1) | most (1) |
| Likewise (1) 80:4 | M | $43: 11$ method (1) | 18:8 |
| limit (4) |  | 30:7 | $9: 8$ |
| 6:15;52:21;74:22;77:25 | mail (4) | Michael (1) | Mountain (2) |
| limitation (4) | 62:25;63:1,5,14 | 9:2 | 58:21;80:25 |
| 22:22;23:3;33:23;35:7 | mailed (1) | Mick (1) | move (4) |
| limited (2) | 7:17 | 5:25 | 15:10;30:3;57:20;75:8 |
| 8:8;33:20 | majority (2) | microphone (2) | moved (1) |
| line (2) | 21:1;80:2 | 6:20;12:18 | 75:5 |
| 36:10;67:1 | management (1) | microphones (1) | moving (2) |
| lines (4) | 13:1 | 6:18 | 8:21;50:14 |
| 48:6;51:21;69:19,20 | managing (2) | middle (1) | much (8) |
| listed (1) | 13:15;60:17 | 45:3 | 10:2,6;11:18;12:20;48:23; |
| 63:6 | many (11) | might (6) | 55:12;71:5;78:19 |
| lists (1) | 6:4;15:3;16:22,22;18:14; | 10:14;16:9;35:15,24;56:21, | multiple (4) |
| 6:25 | 24:5,12;73:1;76:2;78:23;80:10 | 25 | 15:21;22:3;63:11;75:8 |
| little (16) | March (2) | Mike (6) | multiply (1) |
| 8:23;10:15;11:10;13:13; | 7:11;72:5 | 27:16;41:12,13;45:9;64:19; | 33:11 |
| 20:17;30:13,16;38:11;46:6; | mark (1) | 66:3 | Musser (2) |
| 48:17;52:5,23;58:7,7;61:6; | 38:5 | mind (3) | 65:3;66:7 |
| 69:13 | marked (1) | 40:4;58:22;61:3 | Mussers (3) |
| live (2) | 13:22 | mine (1) | 14:21;62:7;65:1 |
| 12:6,7 | market (5) | 25:11 | mute (5) |
| livestock (2) | 10:18;36:18;37:11;80:4,13 | mineral (23) | 5:6;6:17,19;28:11,16 |
| 23:19;31:17 | marketed (1) | 8:1;10:22;13:6;15:4;16:6; | muted (2) |
| LLC (2) | 30:5 | 17:14;19:3,7;20:7;27:3,25; | 6:21;66:21 |
| 9:3;43:6 | materially (2) | 44:12;45:5,23;52:7;53:8;61:19; |  |
| location (8) | 41:15;42:25 | 62:1,13;64:17;72:18,20;76:17 | N |
| 30:4,4;49:1,7,10;69:9,10; | materials (3) | minerals (2) |  |
| 80:20 | 9:5,11;60:20 | 6:1;80:13 | name (3) |
| Lockner (4) | matter (8) | minimize (1) | 5:25;12:3;60:1 |
| 38:14;64:4;68:1;80:5 | 10:13,13,14;13:20;19:17; | 31:10 | names (2) |


| 47:25;66:8 | 32:17 | 27:5;30:3,21;33:18;34:6,10,14, | 65:6 |
| :---: | :---: | :---: | :---: |
| Nathan (1) | number (12) | 18,23,25;35:1,5,25;36:1,17,19; | order (16) |
| 48:1 | 6:8;7:3,4,4;15:6,12;24:24; | 37:10,13,21;52:14;54:16;60:6; | 7:14,16;9:18;10:20;11:15; |
| nature (1) | 25:9,14;33:8,12;40:20 | 71:3;76:5;78:21 | 25:25;29:3;50:9;52:6;53:22; |
| 56:23 | numbered (1) | Okie (1) | 55:15;73:25;78:6;79:1,6;81:2 |
| navigable (1) | 30:18 | 25:7 | orders (2) |
| 6:1 | numbers (5) | Oklahoma (1) | 7:12;54:2 |
| near (1) | 14:5;42:1,17,18,24 | 13:12 | otherwise (5) |
| 34:25 |  | omission (1) | 33:21;34:8,11;47:9;56:24 |
| nearby (2) | 0 | 33:21 | ought (1) |
| 71:2;76:10 |  | one (36) | 76:23 |
| necessary (5) | oath (2) | 8:19;14:17;15:12;22:3;33:6, | out (21) |
| 9:6,17,24;75:6;77:11 | 11:2;59:16 | 8;38:1,24;39:5,14,22;40:14; | 6:8;11:15;13:2;18:5;21:9; |
| need (5) | object (1) | 43:17;44:7;45:4;47:24;48:12; | 24:25;25:9;29:16;30:12;32:23; |
| 8:17;36:25;42:6,8;74:25 | 8:3 | 49:3;50:14;53:23,24;57:14; | 35:3,11;40:15;53:18;56:7; |
| needed (3) | objecting (1) | 58:14;61:8;62:4;63:19;67:23, | 57:12;71:16,22;77:21;79:18; |
| 6:12;8:16,18 | 76:17 | 23;70:20,24;71:16;72:5;75:15; | 80:18 |
| needs (1) | Objection (4) | 79:2;80:4,21 | outfits (1) |
| 45:8 | 35:18;36:3,21;75:11 | one-acre (6) | 29:16 |
| negligence (1) | objections (1) | 38:14,18,22;63:22;67:15,24 | outlined (2) |
| 34:8 | 74:8 | One-eighth (8) | 7:23;50:11 |
| negligent (2) | obtain (1) | 20:11;21:3;29:23;64:12; | outside (1) |
| 33:21;34:11 | 9:17 | 65:4;78:22;79:2;80:3 | 5:14 |
| negotiate (1) | Obviously (2) | online (1) | over (13) |
| 49:22 | 10:15;29:7 | 24:6 | 5:8;6:1,2;24:7;28:9;30:16; |
| negotiated (2) | occasion (2) | only (7) | 58:7;61:3;62:24;63:11;64:16, |
| 49:25;53:11 | 72:19,23 | 21:11;26:12;32:11;34:10; | 22;67:8 |
| negotiating (1) | occupy (1) | 68:22;70:17;80:21 | overall (1) |
| 13:5 | 77:13 | opening (8) | 36:17 |
| neither (1) | occur (3) | 8:5,7,21,25;9:4;10:3,7,23 | overlaid (1) |
| 79:3 | 50:18;77:1,1 | operated (2) | 56:13 |
| net (2) | occurred (1) | 15:21;43:23 | own (3) |
| 15:3;45:5 | 71:24 | operating (17) | 44:3;49:23;64:4 |
| next (6) | occurring (2) | 9:10;15:15,17,18;16:4,12; | owned (1) |
| 33:3;39:13;54:22;58:20; | 35:25;71:25 | 17:6,17;19:2,11;26:11;38:10; | 36:18 |
| 59:9;73:12 | occurs (1) | 40:19;48:3,11;75:22;77:9 | owner (22) |
| nickname (1) | 34:24 | operation (1) | 14:20;16:6;17:14;19:8; |
| 22:1 | off (2) | 16:24 | $23: 11,18 ; 24: 18 ; 29: 24 ; 30: 1$ |
| nobody (1) | 24:11;67:6 | operational (1) | $31: 16 ; 32: 3 ; 38: 14,18,25 ; 41: 2$ |
| 77:4 | offer (8) | 69:17 | 43:7,8,17;62:4;70:12;72:7; |
| nodding (1) | 11:2;44:13;45:23;59:15; | operations (19) | 77:18 |
| 35:9 | 63:14;72:6;74:11,21 | 13:16;18:12;21:24;22:24; | owners (35) |
| nonconsenting (1) | offered (5) | 23:24;24:3;30:23;31:4,11,19; | $7: 18 ; 8: 1,6,11 ; 10: 22 ; 13: 6$ |
| 16:10 | 10:17,17;63:19;76:21,25 | 34:16,17,19;35:25;37:10; | $15: 19,22 ; 19: 3,4 ; 20: 7 ; 23: 8$ |
| nonresponse (1) | office (1) | 69:12,12,15;76:9 | 24:17;26:13;27:3;28:4;44:5,12; |
| 63:4 | 40:9 | operator (19) | 45:24;52:7;53:9;58:1,9;61:19; |
| nor (1) | OFFICER (58) | 7:17;16:23;17:9,11;23:21,22; | 62:1,14;63:2,10;71:23;72:18, |
| 79:4 | 5:1,4;10:2,5,21;11:9,18,22; | 24:2,3,19;33:5;42:7,19;50:10, | 19;76:17;77:15,16,25 |
| North (3) | 12:21;26:4,23;28:10,15;35:20; | 14;63:8;72:17,23;76:23;78:2 | owner's (1) |
| 5:23;50:8;51:22 | 36:5,9,23;39:25;42:11;46:5,12; | operator's (1) | 69:20 |
| Northeast (2) | 48:16,21;54:20,25;56:5;57:10; | 72:16 | owns (1) |
| 5:23;14:23 | 58:18,25;59:2,8,12,15,21;61:1, | opinion (3) | 64:5 |
| Northwest (1) | 12;66:18;67:7;68:15,20;69:2,5; | $70: 4 ; 71: 10,19$ |  |
| $5: 22$ | 73:6,11,14,20;74:6,10,16,20; | opportunity (3) | $\mathbf{P}$ |
| notes (2) | 75:12;78:8,11,14;79:13,18; | 41:4;58:19;78:16 |  |
| 46:7;48:18 | 80:16;81:5 | opposed (2) | pad (3) |
| notice (2) | OGCC (2) | 31:24;32:3 | 30:8;51:18;69:23 |
| 7:9;53:19 | $6: 23 ; 7: 2$ | opted (1) | page (25) |
| noticed (1) | OGCCidahogov/administrative/hearings (1) | $44: 4$ | $7: 3,4,7 ; 14: 4,6 ; 15: 11 ; 19: 25$ |
| 53:8 | 6:24 | option (9) | 20:2;22:16,16,21;25:6,19; |
| notification (1) | oil (38) | $20: 14,19,22,24 ; 21: 18 ; 45: 4$ | $27: 10 ; 30: 20,21 ; 33: 16 ; 34: 3$ |
| 53:16 | $6: 1 ; 8: 6 ; 9: 3 ; 12: 8,11,12,23$ | $46: 1 ; 52: 17,18$ | $38: 8,12,13 ; 41: 23 ; 42: 2,17$ |
| notion (1) | 16:14;17:23;18:8,19;26:17,22; | optional (1) | $60: 24$ |

In the Matter of the Application of Snake River

| pages (3) | 28:6;29:23;33:9;38:24;39:4; | 30:8,13,15;58:1,15 | 48:3,6,10;61:22 |
| :---: | :---: | :---: | :---: |
| 27:6;41:18;42:1 | 45:20;64:1;67:15,24;70:7,1 | pipelines (2) | present (2) |
| paid (10) | payments (3) | 23:12;57:1 | 30:3;73:1 |
| 20:7,10;21:16;27:13;38:15; | 28:23;29:22;33:6 | place (6) | presentation (1) |
| 39:14;63:20;65:3;70:11;75:22 | PDF (1) | 12:18;30:19;38:5;57:20; | 8:13 |
| paragraph (16) | 7:4 | 8:2;74:14 | presented (1) |
| 27:11;29:5;30:18,19,22,22 | penalty (5) | placed (1) | 44:22 |
| 31:7,8;32:7;33:4,16;34:1,5 | 19:13;33:7,8;66:14;70:2 | 69:20 | presenting (1) |
| 38:13;42:3;66:12 | People (2) | placement (1) | 10:23 |
| paragraphs (1) | 6:11;15:1 | 56:21 | presiding (1) |
| 25:8 | per (6) | places (1) | 6:2 |
| parentheses (2) | 32:10;33:11,12;45:5;65:3 | 25:8 | presumably (1) |
| 25:1,12 | 67:19 | placing (1) | 44:25 |
| part (5) | percent (17) | 52:21 | presume (1) |
| 9:25;16:4;19:23;47:19;49:7 | 9:19;15:6,8,9;19:16,16;33:7, | plat (3) | 44:12 |
| participants (1) | 8,11,12;42:21,21,21;64:16,21, | 14:3,7,1 | pretty (2) |
| 18:8 | 22;70:25 | Please (25) | 43:14;53:18 |
| participate (7) | percentages | 6:15,16,17;7:3;8:24;12:4; | prevents (1) |
| 8:3;16:6,9;17:15;19:8;24:18; | 42:20 | 14:1;19:20;28:17,19;30:11; | 79:8 |
| 78:1 | perhaps | 32:7;35:22;37:23;38:8,12; | previous (7) |
| participated (2) | 44:7,9 | 42:11;46:12;58:23;60:22;61:3, | 17:13;21:10;24:3;45:13; |
| 47:10,11 | period (5) | 5;67:4,7;72:10 | 63:8;76:6;78:6 |
| participating (1) | 8:19;52:18;53:19;63:7;80:1 | plus (3) | previously (5) |
| 44:1 | permission (1) | 15:7;24:4,1 | 43:4;54:2;65:8;69:13;76:4 |
| participation (1) | 58:8 | pm (2) | primarily (1) |
| 81:2 | permit (2) | 7:1;80:20 | 41:18 |
| particular ( | 53:20;55:15 | podium (3) | primary (4) |
| 22:7;38:25;39:9;64:1;75:18; | permitted (1) | 6:11;8:22;40:3 | 20:24;45:5;58:14;65:6 |
| 76:12 | 78:23 | point (5) | prior (8) |
| parties (5) | permitting (1) | 21:9;67:13;69:24;71:10;75:7 | 17:9;23:22;43:5;44:18; |
| 7:6;9:14,25;42:5;74:21 | 13:17 | points (2) | $70: 12 ; 72: 16,17,22$ |
| partner (8) | person (4) | 36:11;45 | private (2) |
| 12:8;17:11;23:22;24:2 | 6:7,11;63:3;68: | pool (1) | 24:18;78:1 |
| 41:13;43:13,25;54:15 | personal (5) | 57:1 | privy (1) |
| partners (9) | 31:18,24;32:4;63:25;64:2 | pools (1) | $69: 16$ |
| 16:15,18,25;19:5,6,12,15; | personally (4) | 56:20 | probably (5) |
| 48:7,13 | 41:7;60:16;62:12;68:1 | position | 11:14;18:17;39:11;71:17; |
| party (3) | petroleum (3) | 79:11 | 72:24 |
| 18:15;61:8;77:23 | 12:25;13:2;17:2 | positive | problem (1) |
| pas (1) | phase (1) | 18:21 | 66:25 |
| 11:10 | 71:18 | possibilit | problems (1) |
| pass (1) | phone (6) | 56:13 | 23:23 |
| 51:9 | 5:6;28:17;59:4,13;61:4;63: | possible | procedure (1) |
| passes (1) | phones (2) | 52:25;56:15 | 42:3 |
| 58:5 | 6:17;28: | posted (1) | procedures (1) |
| passing | physical (1) | 7:1 | 43:5 |
| 50:20;51: | 34:19 | potential (5) | proceed (5) |
| path (4) | physicall | 40:14,15;53:12;68:9;77:20 | 8:5;11:11,23;52:24;59:22 |
| 58:5;65:16,17,20 | 77:13 | precautions (1) | proceeding (3) |
| pathway (2) | picked (1) | 31:10 | 21:10;78:24;80:2 |
| 58:1,11 | 66:10 | predecessor | proceedings (2) |
| patience (2) | Piotrowski (57) | 39:10,15 | 17:5;78:25 |
| 28:20;67:9 | 7:21,25;10:7,9,10;12:16,20; | predecessors (1) | process (5) |
| pause (2) | 26:6,8,10,21,23;27:1;28:10,13, | 29:8 | 44:5;50:11,14;53:14,14 |
| 58:23;81:3 | 16,19,21;35:13,21,23;36:6,7,9, | predominance (1) | processing (1) |
| paused (1) | 15,16,25;37:2,9;39:23;40:1; | 49:24 | 57:20 |
| 58:24 | 46:15;47:3;56:7,9,11;57:9,11; | pre-hearing (2) | produced (2) |
| pay (8) | 66:20,21,23;67:3,7,10,12; | 9:13;73:24 | 24:7,14 |
| 15:19;23:17;30:22;31:16; | 68:13,16;73:16,18;74:3,7,8; | premises (1) | Producers (2) |
| 32:2;34:22;47:12,15 | 76:22;78:11,13,15;79:14 | $30: 24$ | $22: 3,5$ |
| Payette (1) | Piotrowski's (1) | prepared (1) | producing (1) |
| 5:24 | 45:25 | 41:11 | 24:5 |
| payment (11) | Pipeline (5) | preparing (4) | product (1) |


| 30:14 | purview (2) | 7:10;68:4 | repeat (5) |
| :---: | :---: | :---: | :---: |
| production (7) | 35:3;71:23 | received (3) | 28:20;33:25;36:25;37:2; |
| 23:13;71:5,8,9,15,16,17 | put (2) | 55:20;67:24;74:1 | 64:20 |
| project (1) | 51:15;80:18 | recent (2) | reporter (7) |
| 42:20 | puts (1) | 62:21,22 | 6:14;26:19;28:7,8,14;35:11; |
| properties (6) | 19:4 | recess (2) | $67: 5$ |
| 37:11;44:3,4;47:5;52:1,3 | putting (2) | 8:20;59:1 | represent (1) |
| property (23) | 9:7;74:22 | recesses (2) | 8:24 |
| $27: 25 ; 28: 4 ; 29: 24 ; 30: 2 ; 31: 5$ |  | $8: 15,18$ | representing (2) |
| $13,19,24,24 ; 32: 3,4 ; 34: 25 ; 35: 1 ;$ | Q | record (12) | $7: 25 ; 9: 2$ |
| $\begin{aligned} & 36: 1,18 ; 37: 16,16 ; 47: 12 ; 69: 21 \\ & 76: 24 ; 77: 1,13 ; 79: 10 \end{aligned}$ |  | $\begin{aligned} & 5: 12,15 ; 6: 22 ; 12: 4 ; 20: 1 ; 60: 2 \\ & 67: 6 ; 68: 20 ; 70: 8,16 ; 79: 25 \end{aligned}$ | $\begin{aligned} & \text { request (2) } \\ & 7: 22 ; 53: 15 \end{aligned}$ |
| propose (1) | 5:21,21,22,23;14:23;49:16, | 80:12 | requesting (1) |
| 52:21 | 17 | recorded (4) | 70:25 |
| proposed (17) | quick (1) | 6:9,13;21:13;68:23 | requests (1) |
| 8:11;18:23;19:23;20:6,9,12, | 61:2 | recording (9) | 78:22 |
| 13;24:16;51:18;65:8;72:21; | quite (1) | 5:2,3;6:10;58:23,24;59:3,6; | require (1) |
| 75:19;76:11;77:7,24;78:4; | 67:3 | 81:3,4 | 23:17 |
| 80:10 |  | RECROSS-EXAMINATION (2) | required (3) |
| proposing (3) | $\mathbf{R}$ | 56:10;57:15 | $6: 9 ; 72: 3 ; 77: 23$ |
| 19:2;21:15;53:1 |  | red (1) | requirement (1) |
| protect (1) | Rader (1) | 14:6 | $7: 15$ |
| $23: 14$ | $48: 1$ | redirect (4) | reservoir (1) |
| protection (1) | raise (2) | 46:9,13;55:3;73:8 | 68:6 |
| 23:16 | 9:13,22 | reference (5) | residence (1) |
| protections (3) | ranching (2) | 7:3;20:1;25:18;29:4;46:15 | 44:2 |
| 23:7;31:3;77:18 | 31:11,12 | referenced (2) | residential (1) |
| protects (2) | Range (1) | 24:24;28:23 | 44:4 |
| 23:11,15 | 5:23 | referring (1) | resolved (1) |
| prove (1) | rate (2) | 49:1 | 5:13 |
| 74:4 | 70:16,16 | refers (1) | resource (1) |
| proven (4) | rates (1) | 21:11 | 72:20 |
| 71:9,15,16,17 | 54:18 | reflects (3) | respond (1) |
| provide (9) | reach (2) | 63:10;64:16,21 | 7:21 |
| $8: 15 ; 11: 1 ; 23: 7 ; 32: 2 ; 50: 3$ | 56:25;72:17 | regarding (7) | response (4) |
| $74: 5 ; 79: 1,22 ; 80: 22$ | reached (1) | 7:10;9:8;23:12;66:13;69:18; | $6: 5 ; 7: 21,24 ; 72: 6$ |
| provided (7) | $10: 14$ | 71:21;75:18 | responsibility (4) |
| $5: 19 ; 53: 10 ; 75: 18,20 ; 76: 17$ | reaching (1) | regulators (1) | 31:21,23;35:16;36:2 |
| 77:7,22 | 71:22 | 58:15 | responsible (9) |
| provides (4) | read (1) | regulatory (1) | 13:15;35:2;37:6,21;47:4; |
| $31: 2 ; 32: 9 ; 33: 5 ; 77: 18$ | $48: 18$ | $54: 13$ | 60:12;61:22;64:3;76:23 |
| providing (1) | reading (1) | rejected (1) | restricted (2) |
| 79:20 | 66:7 | 76:4 | 53:23,24 |
| provision (1) | ready (1) | related (2) | result (5) |
| 33:4 | 66:3 | 34:19;42:20 | 34:17;35:15,25;37:11;38:23 |
| provisions (1) | real (6) | relating (2) | resulting (2) |
| 29:22 | 27:25;28:4;31:24;32:3; | 11:20;59:18 | 33:20;34:8 |
| proximity (1) | 47:19;61:2 | relationship (4) | results (1) |
| $36: 1$ | really (4) | 26:16,20,21;27:5 | $36: 17$ |
| public (4) | 5:9;39:9;71:5;74:11 | remains (1) | resume (10) |
| $53: 19 ; 58: 14 ; 80: 19,22$ | reason (4) | $77: 21$ | $9: 20,23 ; 60: 23 ; 61: 18,22 ; 62: 9$ |
| punitive (1) | $10: 19 ; 19: 1 ; 55: 25 ; 76: 18$ | remember (5) | $63: 6 ; 64: 15,21 ; 72: 16$ |
| $33: 15$ | reasonable (12) | 43:18;50:1,7;54:17;55:9 | retroactively (1) |
| purchase (1) | $7: 13,15,16 ; 9: 11 ; 10: 15 ; 31: 9$ | reminded (1) | $45: 10$ |
| $38: 22$ | $16 ; 54: 4,8 ; 78: 5 ; 79: 4,5$ | $6: 19$ | revenue (1) |
| purpose (2) | reasons (2) | remotely (1) | $15: 25$ |
| 15:17;16:5 | 70:24;78:3 | $59: 19$ | reviewed (2) |
| purposes (2) | rebuttal (2) | renewal (2) | 39:17;66:2 |
| 31:14;55:1 | 79:22,23 | 20:14;21:18 | Richard (5) |
| pursuant (3) | recall (12) | renewing (1) | 11:16,19;12:3,5,22 |
| $6: 3 ; 27: 13 ; 73: 24$ | 43:8,15,19,24,24,25;46:18; | 32:25 | Ridge (1) |
| pursuing (1) | 47:6;48:5,9,14;57:21 | rental (1) | 72:1 |
| 78:1 | receive (2) | 11:14 | right (38) |


| 5:7;11:9,16,22;14:25;16:7; | scan (1) | 7,9,15,19;65:8;71:11;77:12 | 39:5 |
| :---: | :---: | :---: | :---: |
| 17:3;24:5,17,19;27:7;28:1,18, | 70:20 | sites (1) | speculation (3) |
| 24;35:8;38:25;47:16;54:12,14, | scheduled (1) | 23:12 | 35:19;36:4;76:25 |
| 20,21;56:1,14,17,21;57:1,7; | 8:16 | sits (1) | speculative (1) |
| 58:20;63:16,20,21,23;66:8; | school (1) | 54:16 | 36:10 |
| 67:25;68:8;69:11;70:17;78:1 | 13:2 | six (2) | spot (1) |
| right-of-way (1) | second (11) | 17:2;24:7 | 24:23 |
| 58:3 | 15:12;27:11;37:25;38:4,21; | skimming (1) | spots (1) |
| rights (1) | 40:16;45:8;55:21;56:1;71:25; | 40:19 | 24:23 |
| 27:25 | 75:15 | slower (1) | SR (11) |
| riser (6) | Section (8) | 61:6 | 13:23;15:11;20:2;27:10; |
| 30:6,8,10,11,15;58:6 | 5:21,22,22,23;14:23;49:16, | small (1) | 37:24;38:7,8,9;60:20;75:5,14 |
| rises (1) | 18;55:23 | 24:21 | SR-1 (1) |
| 30:12 | seek (1) | Snake (47) | 38:6 |
| risk (3) | 78:17 | 7:11;8:6,10;9:3;12:12;13:16; | SROG's (1) |
| 19:13;66:14;70:25 | senior (3) | 16:14,23;17:10;19:12;23:21; | 33:23 |
| Rita (3) | 15:7;55:8,18 | 24:1;26:17,22;29:8,19;33:18; | staff (1) |
| 38:14;63:22;68:1 | sent (3) | 34:6,10,13,18;35:1,5;36:1,19; | 7:6 |
| River (41) | 6:8;40:15;44:12 | 37:6,13,20;41:1,23;44:11,12; | staffers (1) |
| 8:6,10;9:3;12:12;13:16; | separate (3) | 46:9;47:4;48:13;50:17;53:4,15; | 47:23 |
| 16:14,23;17:10;19:12;23:21; | 72:19,23;73:2 | 55:19;58:8;60:6,12;68:24;72:7; | standards (1) |
| 24:1;26:17,22;29:8,19;33:18; | separately (1) | 75:1;78:21;79:21 | 75:24 |
| 34:6,10,14,18;35:1,5;36:1,19; | 30:24 | sneak (1) | standby (2) |
| 37:6,13,21;41:1;46:9;47:4; | set (5) | 61:2 | 26:24;66:24 |
| 48:13;53:15;55:20;58:8;60:6; | 5:18;41:7;78:6,18;79:4 | sole (1) | start (8) |
| 68:24;72:1,8;75:1;78:21;79:21 | setback (1) | 12:11 | 5:2;26:24;28:9;50:25;53:16; |
| River's (7) | 25:19 | somebody (1) | 59:3;67:8;74:6 |
| 7:11;41:23;44:11,13;50:17; | seven (1) | 28:9 | started (2) |
| 53:4;60:12 | 24:7 | somebody's (1) | 5:3;62:23 |
| Road (4) | shaded (1) | 34:25 | starts (1) |
| 50:8;51:20,20,22 | 14:13 | somewhat (1) | 41:23 |
| roads (1) | shaking (1) | 19:13 | state (4) |
| 23:12 | 59:4 | soon (2) | 12:3;18:20;60:1;76:8 |
| Rock (2) | shall (7) | 52:24;55:15 | stated (2) |
| 64:6,6 | 22:23;30:22;31:9,16;32:2; | sorry (12) | 49:17;54:2 |
| room (1) | 33:6,18 | 12:16;19:25;29:5;30:19; | statement (8) |
| 28:16 | share (2) | 33:24,25;35:10;38:7;52:2;54:7; | 8:25;9:4;10:3,24;27:9,11; |
| rough (1) | 10:8;49:21 | 72:13;75:15 | 38:13;68:9 |
| 24:12 | shared (1) | source (1) | statements (4) |
| Roughly (1) | 53:12 | 56:1 | 8:5,21;10:8;78:14 |
| 18:14 | short (1) | south (1) | states (15) |
| royalties (2) | 79:23 | 65:17 | 13:9,11;17:24;18:12,16,19, |
| 68:3,11 | showed (1) | Southeast (2) | 21;21:24;22:9;48:23;49:14; |
| royalty (10) | 63:5 | 5:21;49:17 | 50:18;54:10;70:2;76:2 |
| 20:9;21:3;29:23;33:6;64:13; | side (4) | Southwest (3) | stating (1) |
| 65:1,4;76:15;79:2;80:4 | 6:15;41:8,8;54:13 | 5:21;49:16;50:6 | 70:11 |
| Royce (4) | signed (8) | spacing (16) | statute (6) |
| 47:24;48:1,2,10 | 41:1,5,16;43:1;45:1;46:21; | 5:20;7:18;9:7,19;14:10;29:9; | 50:11,14;70:10;75:20;78:19; |
| rules (2) | 47:1;66:6 | 37:12;53:5;56:14;60:13;61:20; | 80:6 |
| 36:7;75:7 | silence (1) | 64:12;67:15;70:12;72:21;78:24 | statutes (1) |
| ruling (2) | 6:16 | speak (11) | 72:3 |
| 78:15,17 | silent (1) | 6:12,14;8:2;9:23;11:15;39:2, | statutory (1) |
| S | $\begin{gathered} 28: 13 \\ \text { similar (16) } \end{gathered}$ | $\begin{aligned} & 15,16 ; 61: 3,5,9 \\ & \text { speaking (5) } \end{aligned}$ | $\begin{gathered} 19: 17 \\ \text { stepping (1) } \end{gathered}$ |
|  | 16:13;18:11;20:3,15;22:4,11, | 5:8;6:18;15:24;18:14;19:1 | 40:5 |
| safe (1) | 13;29:10,18;31:3;39:20;69:12, | special (2) | still (6) |
| 21:1 | 15;76:10,12,12 | 22:17,20 | 11:14;30:20;33:16;37:23; |
| same (15) | Simplot (1) | specific (5) | 66:14,21 |
| $7: 2 ; 17: 6 ; 19: 4,8 ; 20: 15 ; 25: 19$ | 58:7 | 7:7;35:21;36:11,24;77:11 | stipulate (4) |
| 29:8,10,13;36:21;41:15;42:25; | sit (3) | specifically (7) | 9:14,16,25;74:2 |
| 69:25;72:25,25 | 56:12,19;69:23 | 36:11,13;49:18;53:22;71:25; | stop (1) |
| save (1) | site (13) | $76: 5,24$ | 15:3 |
| 9:24 | 9:20;29:20,24;48:24,25;49:6, | Specifics (1) | stopped (1) |


| 81:4 | targets (1) | 80:19;81:2 | 6:5;47:15 |
| :---: | :---: | :---: | :---: |
| strikeouts (4) | 55:25 | together (1) | typically (2) |
| 40:20;41:6,11,15 | TD (3) | 15:23 | 15:18;46:20 |
| SUA (1) | 49:8;51:2;64:6 | tomorrow (1) | typo (2) |
| 58:6 | technical (3) | 8:17 | 45:8,19 |
| subject (7) | 28:7,14;67:5 | ton (1) |  |
| 14:11,15;29:13;52:13;60:13; | ten (3) | 5:9 | $\mathbf{U}$ |
| 61:20;76:24 | 24:4;71:15;79:3 | tonight (1) |  |
| submit (4) | Tentatively (1) | 80:20 | ultimate (1) |
| 9:5;25:24;73:25;78:3 | 74:23 | took (1) | 66:9 |
| submitted (5) | term (16) | 78:17 | ultimately (2) |
| 6:25;9:5,10;13:23;16:4 | 20:12,13,17,21,24;22:25; | top (1) | 27:24;55:20 |
| submitting (1) | 25:21;32:9,10;45:5;52:7;65:2, | 24:12 | unable (1) |
| 55:14 | 5;76:15,18;77:4 | topics (1) | 63:3 |
| substantial (1) | terms (21) | 15:21 | uncommitted (11) |
| 80:12 | 7:14;9:12;10:1;20:15,15; | Township (1) | 7:17;8:6,11;10:22;14:14; |
| suffer (2) | 22:13,17,21;29:13;39:3;52:13, | 5:23 | 61:19,25;62:13;69:20;72:19; |
| 35:15,25 | 14;75:19;76:4,14,20;77:7;78:3, | track (1) | 77:16 |
| sufficient (4) | 18,20;79:4 | 64:17 | under (10) |
| 9:19,20;21:12;46:24 | testified (11) | tracked (1) | 15:4;23:22,23;24:2;30:15; |
| suggested (1) | 11:21;39:21;43:4;59:19; | 48:12 | 52:7;67:21;74:24;75:22;81:1 |
| 66:13 | 62:3;75:9,25;76:3,11;80:1,9 | tract (13) | underground (3) |
| suggestions (1) | testify (1) | 14:17,21;29:20;38:14,18,24; | 50:20;51:4,9 |
| 76:21 | 39:13 | 39:17;48:6;62:10;63:23;67:15, | unidentified (1) |
| summarize (1) | testimony (18) | 23,24 | 56:25 |
| 23:10 | 7:10;9:8;11:1,5,8;43:8; | tracts (3) | unit (43) |
| summary (1) | 45:13;57:18;75:18;76:16,19; | 14:14;22:24;67:21 | 5:20;7:18;8:7,11;9:7,19; |
| 12:23 | 77:2,6,12,14,17,22,24 | training (2) | 14:10;15:4;18:22;21:2,6;22:14; |
| Sun (1) | Texas (2) | 12:15,23 | 29:9;37:13;43:19;49:25;52:22; |
| 12:7 | 13:1,12 | transcribed (1) | 53:5;55:7,19,19,21;56:14; |
| supervision (3) | Thanks (1) | 61:4 | 60:13;61:20;62:1;63:20;64:5, |
| 54:5,9,11 | 5:9 | traveling (1) | 12,17;65:8;67:16;70:12;72:21; |
| supply (1) | thinking (1) | 11:14 | 76:9,10,13;77:11,14;78:24; |
| 56:1 | 50:21 | treated (1) | 80:2,7,11 |
| suppose (1) | Thomas (4) | 30:24 | units (5) |
| 75:10 | 5:25;36:8;71:18;78:13 | Trendwell (1) | 16:24;17:14;24:13, 15;43:17 |
| sure (8) | thought (1) | 43:16 | University (1) |
| 5:12;6:14;37:2;54:25;61:9; | 67:4 | true (4) | 13:1 |
| 67:3;68:22;70:9 | thousand (2) | 13:8;35:24;36:16;66:14 | unknowable (1) |
| surface (22) | 18:17;49:24 | truly (1) | 57:6 |
| 13:6;23:8,8,18;30:1,9,10; | three (13) | 71:1 | unknown (1) |
| 31:16;32:2;47:16;49:1,6,10,12, | 18:5;20:19,20;29:16;32:11, | truth (5) | 57:6 |
| 22;50:1;51:17,25;69:10;77:16, | 15,22;33:3;39:11;42:21;45:5; | 11:5,6,6,20;59:18 | unleased (1) |
| 18,19 | 49:25;65:6 | try (1) | 51:10 |
| surfaces (1) | three-year (5) | 68:5 | unless (2) |
| 23:8 | 20:13,14,22;32:9,10 | trying (3) | 5:8;37:3 |
| surrounding (4) | Throughout (4) | 29:11;38:4;67:13 | unmuted (1) |
| 37:12;47:5;76:14;80:7 | 18:4;42:1,16;76:2 | Tuesday (1) | 59:4 |
| Sustained (2) | Thum (1) | 6:25 | unpaused (1) |
| 35:20;36:5 | 21:9 | turn (6) | 59:7 |
| swear (1) | Thursday (1) | 8:22;37:24;38:1,8,12;48:17 | up (8) |
| 11:4 | 5:16 | two (10) | 10:13;13:24;30:12;46:8; |
| sworn (2) | timely (1) | 20:23;24:23;25:25;39:11; | 50:2;66:10;70:6;74:4 |
| 11:20;59:18 | 9:15 | 42:4,21;45:22;62:12,14;79:2 | update (1) |
|  | times (3) | two- (1) | 46:7 |
| T | 18:6;63:11;73:1 | 20:22 | updated (1) |
|  | tiny (1) | two-year (2) | 18:5 |
| talk (1) | 13:13 | 20:18,24 | upon (2) |
| 74:25 | title (1) | type (3) | 46:25;51:18 |
| talked (1) | 60:4 | 6:6;23:13,24 | upwards (1) |
| 52:18 | today (13) | types (3) | 24:7 |
| talking (3) | 6:3;8:17;10:18,23;11:11; | 30:25;33:19;34:14 | use (26) |
| 39:12,12;45:13 | 24:6;32:11,14,21;44:19;56:12; | typical (2) | 7:1,12;8:18;13:6;18:2,11; |


| $\begin{aligned} & \text { 20:3;23:16;25:25;29:8;30:1,9, } \\ & \text { 10;31:13,13;49:12,22;50:1; } \\ & \text { 51:17,25;53:15;57:25;74:12 } \\ & \text { 76:6,7;77:16 } \\ & \text { used }(\mathbf{1 0}) \\ & \text { 16:14;17:7;18:8;21:23;22:8, } \\ & 11 ; 48: 7,25 ; 76: 2 ; 80: 10 \end{aligned}$ |  | worked (5) | 12 (3) |
| :---: | :---: | :---: | :---: |
|  | W | $\begin{aligned} & 13: 3,11,12 ; 39: 10,15 \\ & \text { working }(\mathbf{1 9}) \end{aligned}$ | $\begin{aligned} & 33: 11,11,12 \\ & 12: 00(\mathbf{1}) \end{aligned}$ |
|  | Wade (14) | 15:19,22;16:15,17,25;17:10, | 8:20 |
|  | 39:13,16;45:1;50:3,7;51:13, | 23;19:5,9;23:22;24:2;26:13; | 120 (4) |
|  | 13;55:10,10;59:11,17;60:3; | 41:1;43:7,17;44:5;48:7,13;60:9 | 24:25;25:9,11,14 |
|  | 61:15;65:23 | worth (5) | 12th (1) |
| uses (2)18:20;25:21 | wait (1) | 32:10,14,14,24;57:5 | 5:17 |
|  | 37:25 | written (3) | 14 (3) |
| using (1) | walk (2) | 24:25;25:9;81:1 | 5:22;15:12;55:23 |
| 18:23 | 40:3;46:8 | wrongful (3) | 15 (2) |
| $\begin{aligned} & \text { Utah (1) } \\ & \text { 13:14 } \\ & \text { utilities }(\mathbf{2}) \\ & 23: 13 ; 58: 14 \end{aligned}$ | $\begin{gathered} \text { wander (1) } \\ 28: 17 \end{gathered}$ | 33:21;34:8,11 | $\begin{gathered} 5: 23 ; 14: 23 \\ \text { 15-minute (1) } \end{gathered}$ |
|  |  | Y |  |
|  | $23: 14,16$ |  | 19 (1) |
| V | $\begin{gathered} \text { waters (1) } \\ 6: 1 \end{gathered}$ | year (2) | 6:5 |
|  |  | years (18) $13: 3: 16: 22: 22: 6: 24: 4: 32: 11 .$ | 17:19 |
| Valley (1) | $\begin{aligned} & \text { way }(\mathbf{8}) \\ & \quad 12: 18 ; 27: 16,20 ; 30: 3 ; 56: 20, \end{aligned}$ | $\begin{aligned} & \text { 13:3;16:22;22:6;24:4;32:11, } \\ & \text { 15,22;33:3;39:11;45:5;47:8; } \end{aligned}$ | 2 |
| $\begin{gathered} \text { valuable (2) } \\ 27: 18,18 \end{gathered}$ | website (3) $6: 23 ; 7: 2,19$ | 60:12;62:22;63:12;65:6;71:16; $75: 25 ; 77: 3$ | 2 (3) |
| value (13) | Weiser-Brown (6) <br> 12:8,11;18:11,15;47:10,23 <br> welcome (2) | Yep (3) | (14:21;23:15;62:10 |
| ```10:18;36:18;37:7,11;47:5,13; 68:3;76:24;77:1;78:18;79:9,25; 80:13``` |  | 25:20;34:4;55:24 |  |
|  | $\begin{array}{r} \text { welcome (2) } \\ 56: 8 ; 80: 22 \end{array}$ | Z | $\begin{gathered} 74: 24 \\ \mathbf{2 0 0}(\mathbf{2}) \end{gathered}$ |
| values (6) | wells (14) |  | 25:21;79:3 |
| $\begin{aligned} & 31: 24 ; 35: 1 ; 36: 12,13 ; 37: 16, \\ & 16 \end{aligned}$ | 18:14;24:5,6;43:25;53:5,7,9, 13,15;69:13;78:23;79:3,3,3 | $\begin{aligned} & \text { zero }(\mathbf{3}) \\ & 10: 11,16,17 \end{aligned}$ | $\begin{array}{\|c} \text { 200-foot (1) } \\ 51: 22 \end{array}$ |
| various (1) | Wesley (1) | Zoom (5) | 2014 (1) |
| 23:18 | $12: 5$West (1) | 5:6;6:7,9,17;7:4 | 43:10 |
| vast (2) |  | zooming (1) | 2015 (1) |
| Vega (27) | West (1) $5: 24$ | 80:21 | 74:15 |
|  | what's (6) |  | 2016 (1) |
| 10:3,4;21:8;40:2,7,8;42:10, | 13:22;20:6,9;54:1,4;61:7 | 0 | 43:11 |
| $12 ; 46: 2,5 ; 47: 22 ; 57: 12,14,16$ | whole (3) | 04.01.651 (1) | 2020 (1) |
| 58:17,18;68:17,19,21;73:21,23; | 11:6;38:7;40:21 |  | 62:23 |
| $\begin{aligned} & \text { 74:11,16,18;79:15,17,19 } \\ & \text { venture (1) } \end{aligned}$ | whose (1) | 6:9 | 2021 (4) |
|  | wildcat (4) |  | 5:17;7:9,11,18 |
| $43: 2$version (3) |  | 1 | 21st (1) |
|  | $71: 1,1,12,18$willing (6) | 1 (23) | 23rd (1) |
| 17:19;18:1,7 |  |  |  |
| versions (2)18:2;21:23 | $35: 4,8,16 ; 36: 2,19 ; 37: 13$ | $\begin{aligned} & 13: 23 ; 15: 11 ; 20: 2 ; 22: 20 \\ & 23: 6,17 ; 24: 22 ; 25: 6 ; 27: 10 \\ & 30: 18 ; 31: 7,8,15 ; 37: 24 ; 38: 7,8,8 \\ & 9 ; 60: 20 ; 74: 1,19 ; 75: 5,14 \end{aligned}$ | $7: 9$ |
|  |  |  | 24th (1) |
| vertical (2)$55: 7 ; 56: 24$ | $30: 13,16 ; 58: 7,7 ; 69: 14$ |  | $72: 5$ |
|  |  |  | 38:24;39:14 |
| via (3) | 36:12,13 within (8) | $\begin{aligned} & 10(2) \\ & 5: 21 ; 49: 18 \end{aligned}$ |  |
| view (1)$53: 4$ | $\begin{aligned} & 8: 6,11 ; 37: 12 ; 52: 25 ; 67: 15 \\ & 76: 10,13 ; 77: 13 \end{aligned}$ | 10:43 (1) | 71:25;72:5 |
|  |  | 58:21 | $26(1)$ |
| $\begin{gathered} \text { virtual (1) } \\ 6: 7 \end{gathered}$ | witness (28) | 100 (6) | 7:11 |
|  | $\begin{aligned} & \text { 6:25;9:22;11:2;12:17,19; } \\ & \text { 26:7;35:9,12;37:8;40:2;42:10; } \end{aligned}$ | $\begin{aligned} & \text { 24:15;45:9,21;46:1;52:18; } \\ & 69: 24 \end{aligned}$ | 28th (1) |
| voluntarily (2) |  |  | 71:24 |
| 23:4;76:13 | 46:4,9;54:22;58:20;59:9,14,20 | 10th (1) |  |
| voluntary (12) | $\begin{aligned} & \text { 61:11;66:21;67:8;68:18,22,25; } \\ & 73: 7,12,13,24 \end{aligned}$ | 6:25 | 3 |
| 20:16;21:21;23:1;24:13; $29 \cdot 9 \cdot 14 \cdot 64 \cdot 11 \cdot 77 \cdot 5,15 \cdot 80 \cdot 2,3,6$ |  | $11 \text { (3) }$ |  |
| 29:9,14;64:11;77:5,15;80:2,3,6 <br> volunteer (1) | witnesses (7) | 5:22;49:16;50:6 |  |
| volunteer (1) $21: 5$ | $\begin{aligned} & 7: 6 ; 11: 3 ; 73: 17,18,21 ; 74: 21 \text {; } \\ & 75: 8 \end{aligned}$ | 11:34 (2) | $38: 13,13$ |
| $\begin{gathered} \text { vote }(\mathbf{1}) \\ 42: 4 \end{gathered}$ | word (4) | 110 (1) | $30: 17$$\mathbf{3 0 0}(\mathbf{3})$ |
|  | $\begin{aligned} & 25: 12 ; 29: 17,17 ; 74: 1 \\ & \text { work (2) } \end{aligned}$ | $58: 4$$114(1)$ |  |
|  |  |  | 19:16;25:22;70:25 |
|  | 13:1;15:22 | $\begin{gathered} 114(1) \\ 71: 2 \end{gathered}$ |  |



